

IU Southeast

Welcome to the Indiana University Southeast Bulletin!

The Bulletin gives you information on all aspects of student life at IU Southeast, including:

- Admissions
- Academic calendar with important dates
- Degree programs and course descriptions
- Advising
- Administration (registration, residence requirements, tuition, financial aid)
- Clubs and organizations
- Support services (tutoring, mentoring)
- Campus map and directions

The Bulletin is here to serve you, and to support your academic journey.

Whether you are just out of high school or are returning to finish or add to your degree, we are happy to provide resources to help you meet your personal or professional goals.

IU Southeast Leadership

Indiana University Southeast Administrators

Ray Wallace, Ph.D., Chancellor

- **Uric B. Dufrene**, Ph.D., Executive Vice Chancellor for Academic Affairs
- **Dana C. Wavle**, M.B.A., Vice Chancellor for Administration and Finance
- **Betty Russo**, M.B.A., Vice Chancellor for Advancement
- **Amanda Stonecipher**, M.A., Vice Chancellor for Enrollment Management & Student Affairs
- **Nick Ray**, B.S., Regional Chief Information Officer, Information Technology
- **(vacant -hiring pending)** Director, Staff Equity and Diversity

Uric B. Dufrene, Ph.D., Executive Vice Chancellor for Academic Affairs

- **Donna Bowles**, Ed.D., Dean, School of Nursing
- **Faye Camahalan**, Ph.D., Dean, School of Education
- **Donna J. Dahlgren**, Ph.D., Dean, Student Success and Persistence; Director, First Year Seminar Program
- **Sara Walsh**, Ph.D., Director, Master of Interdisciplinary Studies Program
- **Melissa S. Fry**, Ph.D., Director, Applied Research & Education Center
- **Elaine K. Haub**, Ph.D., Dean, School of Natural Sciences
- **James Hesselman**, M.F.A., Dean, School of Arts and Letters
- **James H. McTyler**, J.D., Registrar
- **Robin K. Morgan**, Ph.D., Director, Institute for Learning and Teaching Excellence
- **Ryan T. Norwood**, M.S., Director, Student Success Center
- **C. Martin Rosen**, M.S., Director, Library Services
- **Kelly A. Ryan**, Ph.D., Dean, School of Social Sciences

- **Rebekah Dement Farmer**, Ph.D., Interim Director, Honors Program
- **Ron Severtis**, M.A., Director, Institutional Effectiveness
- **Matthew Springer**, M.A., Coordinator, Office of Disability Services
- **Andrew B. Takami**, B.A., Director, Purdue Polytechnic Institute, New Albany
- **Rebecca Turner**, M.Ed., Director, Advising
- **David Eplion**, Ph.D., Dean, School of Business
- **Diane E. Wille**, Ph.D., Dean of Graduate Studies and Research
- **Annette M. Wyandotte**, Ph.D., Assistant Vice Chancellor for Academic Affairs

Dana C. Wavle, M.B.A., Vice Chancellor for Administration and Finance

- **Melissa D. Hill**, M.B.A., Director, Academic Accounting Services
- **Julie A. Ingram**, A.S., Director, Conference and Dining Services
- **Ray Klein**, M.S., Director, Human Resources
- **Ashley McKay**, M.B.A., Director, Student Accounting Services
- **Stephen Miller**, B.S., Chief of Police and Safety
- **Rob Poff**, M.S., Executive Director, Facility Operations
- **Kirk Randolph**, B.A., Director, Paul W. Ogle Cultural and Community Center

Betty Russo, M.B.A., Vice Chancellor for Advancement

- **David DeWitt**, M.B.A., Director, Development
- **John Thomas (JT) Douglas**, B.S., Director, Alumni Engagement and Annual Giving
- **Nancy Jo Trafton**, B.S., Director, Marketing and Communication

Amanda Stonecipher, M.A., Vice Chancellor for Enrollment Management & Student Affairs

- **Seuth Chaleunphonh**, Ph.D., Dean of Campus Life
- **Christopher Crews**, M.S., Director of Recruitment and Admissions
- **Michael A. Day**, Psy.D., Personal Counselor, Personal Counseling Services
- **Abbie E. Dupay**, M.A., Director of Residence Life and Housing
- **Joseph M. Glover**, M.B.A., Director of Athletics
- **Lauren Greider**, M.A., Director of Financial Aid
- **June J. Huggins**, M.S., Director of the Center for Mentoring
- **Donna Reed**, M.S., Director of Career Development

Nick Ray, B.S., Regional Campus Chief Information Officer

- **Steve Bennison**, Director, IT Support Services
- **Lee Staton**, B.S., Executive Director of Information Technology
- Director, IT Media & Communications

About IU Southeast

Indiana University Southeast, a regional campus of Indiana University, is a four-year, public, comprehensive university located in New Albany, Indiana, just across the Ohio River from Louisville, Kentucky.

Founded in 1941, it provides high-quality educational programs and services that promote student learning and prepare students for productive citizenship in a diverse society, and that contribute to the intellectual, cultural, and economic development of our region.

IU Southeast draws students primarily from 11 counties in its Southern Indiana service area, as well as from seven counties in the Louisville metro area of Kentucky, who qualify for in-state tuition. The university boasts more than 35,000 alumni, most of whom continue to live and put their degrees to work throughout the region.

Mission & Vision

IU Southeast: Our Vision Statement

IU Southeast will become one of the nation's leading student-centered, comprehensive regional universities.

IU Southeast: Our Mission

Indiana University Southeast is the regional campus of Indiana University that serves Southern Indiana and the Greater Louisville metropolitan area. As a public comprehensive university, IU Southeast provides high-quality programs and services that promote learning and prepare graduates for productive citizenship in a diverse society and contributes to the intellectual, cultural, civic, and economic development of our region.

Our faculty engage in research and creative activity that support teaching and learning and create opportunities for students to participate in applied learning. We are committed to constructive engagement in our local and regional community, marshaling our institutional and human capital toward the strengthening of our region as a place to work, build productive lives, and ensure the prosperity of future generations.

IU Southeast: Diverse Statement

Diversity is the valuing and respecting of difference, including socio-economic status, race, religion, gender, gender identity, sexual orientation, disability, veteran status, cultural and international origin, and other groups traditionally underrepresented at the university and in society. We grow and evolve as a university through seeing equality and representation as a goal and human right for everybody. Indiana University Southeast is committed to recruiting students from diverse populations and to making the climate and curriculum welcoming and equitable. Students will leave the university with a raised level of awareness of the history of equality and difference and attain international awareness, so that their understanding of academic disciplines, society, and the workplace will be enhanced, and they will be receptive to and promote valuing and respecting difference in their lives and in the workplace.

Core Values

Core values are the authentic guiding principles that define who we are as a university and what we stand for as an institution. They are the timeless values about which we feel passionately—values we would continue to honor even if our circumstances changed in a way that penalized

us for holding to them. Since core values define who we are as a university, they act as the foundation upon which we build our mission, vision, and strategic plan.

Nurturing Environment

- We foster a caring campus community that honors diversity, innovation, loyalty, teamwork, mutual respect, and fair play. We work together to create a culture of inclusion and dignity for all.

Holistic Learning

- We provide a rich educational environment of academic excellence that extends beyond the classroom and supports students in reaching their full potential. We seek ways to improve upon the quality and service we provide to students.

Integrity

- We are uncompromising in our commitment to doing the right thing and being direct in our dealings. We are good stewards of our resources and take that responsibility seriously, are conscientious in our decision-making, and practice ethical behavior in all we do.

Connectedness

- We engage with and support the many communities to which we belong and from which we draw our strength and potential. We go to extraordinary lengths to serve our communities efficiently and knowledgeably.

These values will enliven discussion and inform our daily decision-making process. Our Core Values are placed with our Vision and Mission Statements to remind us of our common purpose and to tell others interested in our campus who we are and what we stand for. Please join us in openly embracing these values as an integral part of the IU Southeast community.

Academic Life

IU Southeast is a primarily a teaching institution where degreed faculty members invest time and effort in helping their students succeed as learners and leaders.

Across the disciplines, we emphasize the development of core skills, including critical thinking, research methods, writing, mathematics, and computer literacy.

IU Southeast requires that all degree candidates, regardless of major, take a solid foundation in arts, letters, mathematics and sciences to acquire the breadth of knowledge that is expected of today's college graduates and is vital to success in a changing world.

Our academic calendar is divided into four sessions: fall and spring semesters of 15 weeks each, and two six-week summer sessions. Students may enter at the beginning of any of these sessions. Weekend classes are offered during the fall and spring semesters. Occasionally, a course may have a special calendar.

Flexibility is important to our students, and to us.

Courses are held from 8 a.m. until 10 p.m., to make it easier for you to balance school with work or family obligations. Courses are also available on Friday nights and Saturdays to extend your study alternatives. Parents

may wish to take advantage of our highly rated Children's Center. Online classes are also available across different degree programs, and you may also pursue online courses through the IU Online Class Connect program. Some programs, such as the Bachelor of Applied Science, are available completely online.

Students are encouraged to enhance their academic experience by taking advantage of special options such as the Honors Program, research opportunities, study abroad and internships.

Academic Programs

Indiana University Southeast offers a wide range of undergraduate and graduate degree programs as well as certificates at both levels.

Courses are on campus, online and a combination of the two (hybrid).

The Student Body

IU Southeast is home to a diverse and eclectic student community numbering more than 5,000 people who come together from Indiana, Kentucky, as well as other states and countries.

Besides our core of traditional students who arrive straight out of high school or homeschool, nearly one-third of our community consists of nontraditional students such as adult learners and veterans, who play a prominent role in shaping campus life.

Students are involved in more than 100 groups and organizations, including sororities and fraternities. The Grenadiers (NAIA) compete in men's and women's varsity sports ranging from men's and women's basketball to tennis and volleyball. IU Southeast students are also deeply involved in their communities, both as individuals and as part of academic programs that offer or integrate internship, service learning and volunteer opportunities.

From internships at the White House to field study in the Amazon jungle, IU Southeast students bring the campus to the world, and the world to campus.

The Campus

IU Southeast is one of the most beautiful and distinctive campuses in the Indiana University system.

With scenic Floyds Knobs as a backdrop, the campus features ten modern red brick academic buildings in a park-like setting.

The Lodges are home to over 400 student residents. The Ogle Center, with stages for music and theater used by student and professional performers, is a cultural magnet for the region. The Athletics complex, home of the Grenadiers, houses facilities for baseball, basketball, tennis and volleyball, as well as a gymnasium for student use.

The IU Southeast campus is safe, walkable and convenient, with ample parking close to where you need to go, and easy access to I-265.

Close to historic downtown New Albany, the campus is also within easy reach of Louisville attractions and opportunities.

For students in fields ranging from education and nursing to accounting and journalism, the proximity of Fortune 500 companies and a wealth of private, public and nonprofit entities means an endless source of internship and employment possibilities.

Our location also means relaxation and regeneration, through attractions such as the Kentucky Center for the Arts; Churchill Downs, home of the Kentucky Derby; Louisville Waterfront, home to events such as Forecastle Festival and WorldFest; the Speed Art Museum; the Muhammad Ali Center; and much more.

Equally accessible is the area's natural beauty: the Falls of the Ohio State Park, Hoosier National Forest and southern Indiana hill country, Patoka Lake recreation area, Clifty Falls State Park, Charlestown State Park, to name just a few places where you may enjoy a variety of outdoor activities.

The IU Southeast Graduate Center is located in Jeffersonville, Indiana, across the river from downtown Louisville via the Clark Memorial ("Second Street") Bridge, in close proximity to business and cultural opportunities in both communities.

Campus Map

Campus Directory Academic Advising*

Students who are new to IU Southeast and who have declared a major can expect to receive academic advising from a professional advisor in the School that offers his/her intended academic program, the locations of which are as follows:

- Arts and Letters, Knobview Hall 110
- Business, Hillside Hall 221
- Education, Hillside Hall 108
- Natural Sciences, Life Sciences Building 258
- Nursing, Life Sciences Building 276
- Social Sciences, Crestview Hall 140

Students without a declared major will receive academic advising in the Advising Center for Exploratory Students (ACES), located in University Center South 106.

*Transient, visiting, special graduate, and high school students should contact the Office of Admission to be directed to the appropriate advising office.

Accounting Services/Bursar Collection of student fees, University Center South 103

Admissions, Office of University Center 102

Adult Student Center Programs and Services, University Center South 206

Advancement University Center South 155

Alumni Engagement & Annual Giving University Center South 202

Athletics Schedules and general information, intramurals, Athletic Office, Activities Building

Audio Visual Aids IT Media and Web Services, Knobview Hall 014

Bookstore Books and supplies, University Center South 007

Bulletin Boards, Kiosks, and Posters Regulations pertaining to use, Campus Life, University Center South 010

Campus Life Clubs and organizations, orientation, leadership programs, Campus Life, University Center South 010

Career Development Center University Center South 106

Center for Mentoring University Center South 205

Chancellor University Center South 156

Chief Information Officer Knobview Hall 014

Children's Center Care for children of IUS students and employees, Children's Center

Crimson Card (Student, Faculty, Staff ID Card) IT Help Desk, University Center South 212

Counseling Personal Counseling Services, University Center South 207

Development University Center South 151

Disability Services University Center South 207

Emergency and Police Service University Police, University Center 027

Executive Vice Chancellor for Academic Affairs University Center South 152

Financial Aid Office Work-study, grants, student loans, and scholarships, University Center South 105 (see also: Student Central)

First Aid University Police, University Center 027

Grants University Center South 202A

Honors Program Knobview 235

Information Desk University Center 101

Information Technology

- Media and Web Services, Knobview Hall 014
- Support and Communications, University Center South 212
- Systems and Operations, Crestview Hall 030

Language Lab Knobview Hall 230

Library Library Building

Lost and Found University Police, University Center 027

Marketing and Communications University Center South 240

Mathematics Lab Physical Science 015

Metroversity Information Registrar, University Center South 107

Notary Service Human Resources, University Center South 244 and Registrar, University Center South 107

Parking Permits University Police, University Center 027

Payments and Refunds Student Central, University Center South 103

Photocopying Library Library Building

Police University Police, University Center 027

Records Grades, insurance certification for students in good standing, name and address changes, transcripts, Student Central, University Center South 103

Registrar University Center South 107

Residence Life and Housing Meadow Lodge 103

Room Reservations (non-classroom space) Dining & Conference Services, University Center South 125

Room Reservations (class room space) Registrar, University Center South 107

Schedule Changes Drop and add, withdrawal forms, Student Central, University Center South 103

Student Central, First stop for students with Bursar, Financial Aid or Registrar/Records questions, University Center South 103

Student Success Center Placement testing, tutoring, Supplemental Instruction, University Center South 203

Student Employment Career Development Center, University Center South 106

SGA Senators University Center South 024

Student Government Association University Center South 014

Student Health Insurance, coverage available while enrolled University Human Resources

Student Newspaper Horizon, University Center South 020

Ticket Sales Ogle Center, OG 147; Athletics, Activities Building

Veterans Information Veterans Services, Office of the Registrar, University Center South 107

Vice Chancellor for Administrative Affairs University Center South 156

Vice Chancellor for Enrollment Management & Student Affairs University Center South 155

Writing Center Knobview Hall 208

Accreditation

Indiana University Southeast is accredited by The Higher Learning Commission located at 30 N. LaSalle Street, Suite 2400, Chicago, IL 60602-2504. Phone: (800) 621-7440.

Accreditation Planning Committee

Members:

- Nicholas Anderson, Student
- Brett Blevins, Student
- Courtney Block, Assistant Librarian
- Donna Dahlgren, Dean of Student Success and Persistence
- Uric Dugrene, Executive Vice Chancellor for Academic Affairs
- Cassy Goodbridge, Student
- Steven Krolak, Academic Information Officer
- Jay McTyier, Registrar
- Robin Morgan, Director Institute for Learning and Teaching Excellence
- Ryan Norwood, Director Student Success Center
- Jeff Perry, Associate Professor of English
- Christopher Proctor, Assistant Librarian, Coordinator of Access Services, and Accreditation Project Manager
- Kirk Randolph, Manger Ogle Center
- Marty Rosen, Director of Library Services
- Kelly Ryan, Dean of School of Social Sciences
- Ron Severtis, Director of Institutional Effectiveness
- Anna Soto, Student
- Sara Jewel Spalding, Assessment and Research Specialist
- Amanda Stonecipher, Vice Chancellor for Enrollment Management and Student Affairs
- Dana Wavle, Vice Chancellor for Administration and Finance and Chief of Staff
- Jeremy wells, Associate Professor of English

The committee is charged with preparation for the next accreditation review, which will occur September 9-10, 2019.

Timeline

IU Southeast has chosen the Open Pathway option for accreditation review. The next full review and visit will occur September 9-10, 2019.

For additional details regarding the timeline, see the [HLC Open Pathway Transition Map](#).

Resources

- [HLC Criteria for Accreditation and Core Components](#)
- [Faculty Qualifications](#)
- [Faculty Qualifications Verification](#)
- [2009-10 Accreditation Review](#)

Professional Accreditation

Specific programs are accredited by the following organizations:

AACSB—The International Association for Management Education

600 Emerson Road, Suite 300
St. Louis, MO 63141-6762
(314) 872-8481

American Chemical Society

1155 Sixteenth Street NW
Washington, D.C. 20036
(202) 872-4589

Commission on Collegiate Nursing Education

1 Dupont Circle, Suite 530
Washington, D.C. 20036-1120
(202) 463-6930

Indiana Professional Standards Board

101 West Ohio Street, Suite 300
Indianapolis, IN 46204
(317) 232-9010

Indiana State Board of Nursing

Bureau of Health Professions
402 W. Washington Street, Room 041
Indianapolis, IN 46204
(317) 232-2960

National Council for Accreditation of Teacher Education

2010 Massachusetts Avenue NW, Suite 500
Washington, D.C. 20036-1023
(202) 466-7496

Accreditation Board for Engineering and Technology

111 Market Place, Suite 1050
Baltimore, MD 21202
(410) 347-7700

Contact Information

Indiana University Southeast
4201 Grant Line Rd.
New Albany, IN 47150
(812) 941-2333
<https://www.ius.edu/>

Admissions

At IU Southeast, you get all of the benefits of being an IU student, and the personal attention of a smaller campus. Our focus is different at IU Southeast; our focus is on you. We will help you earn your degree and expand your opportunities. We will help you surpass your own expectations and reach your true potential.

Your first step to becoming an Indiana University Southeast student is to complete the necessary

application materials. The Admission Office processes all undergraduate applications for new and returning students, assists students in transferring from other institutions, coordinates dual credit programs with high schools, and partners with local community colleges to develop articulation agreements. You are invited to visit our campus, meet with an admission counselor, and tour our beautiful 177 acre campus.

Indiana University Southeast is committed to the goals of quality, diversity, and access in admission policies. Applications should demonstrate combinations of academic preparations, aptitude, motivation, and maturity that indicate a reasonable chance for success in IU Southeast's academic programs. In its admission policy, IU Southeast supports and complies with Affirmative Action regulations.

Requirements for Entering Students

Academic success at the college level depends upon a range of factors in addition to academic preparation, including verbal, writing, quantitative, and reasoning abilities; academic motivation, work, persistence; and academic maturity. IU Southeast uses a student's performance in high school course work as a primary indicator of abilities, motivation, persistence, and maturity. In addition, current high school seniors and recent graduates must submit scores from a nationally standardized college admissions examination (SAT or ACT). Test scores may be used as indicators of likely success at IU Southeast when taken in combination with high school preparation and performance. IU Southeast has adopted standards for academic preparation to ensure that its degree-seeking undergraduate students have a background that makes it reasonably likely that they will succeed in college-level work.

All persons applying for admission to undergraduate programs must, before they matriculate, graduate from high school, earn a GED (or state high school equivalency), or graduate from a home school. Students who are recent graduates from an Indiana high school must have completed the Core 40 requirements. Completion of an Academic Honors Diploma is strongly encouraged for college-bound students.

Students who are recent graduates of high schools outside Indiana, or whose secondary school does not offer the Core 40 diploma, must have completed at least twenty eight (28) credits of college-preparatory courses, advanced placement courses, and/or college courses. (Note: The word "credit" means a one-semester course, such as a one-semester course in high school, a three credit hour college semester course, or a four credit hour college quarter course.)

In the case of high school seniors, admission decisions will be based on completed course work and performance and on anticipated course work still required for graduation.

Applicants who are recent graduates from an Indiana high school and who completed Core 40 with at least a C (2.0 on a 4.0 scale) average, or who have completed an Academic Honors Diploma, and who have submitted SAT or ACT scores, will be admitted.

Applicants who are recent graduates of high schools outside Indiana or did not complete the Core 40 diploma (prior to 2011) must have completed at least twenty eight (28) credits of college-preparatory courses, advanced placement courses, and/or college courses. Such applicants who have a C (2.0 on a 4.0 scale) average in their course work will be admitted.

Home-schooled students must provide an official transcript with the home school educator's signature and SAT or ACT scores. The admission decision will be based on the high school course work and a test score that is indicative of likely success at IU Southeast.

Note: For the purposes of this policy, a recent graduate is defined as someone whose high school graduation date is within two years of his or her expected date of matriculation at IU Southeast. Essays, extracurricular activities, recommendation letters, community service, and work experience may also be considered as evidence of academic motivation and maturity.

Applicants with a General Education Development (GED) diploma must present a GED score that demonstrates "college-ready" standards. Comparable state high school equivalencies will also be evaluated. Applicants who have been out of high school for more than two years, and who do not meet the minimum requirements listed for first-time undergraduate students, may speak individually with an admission counselor to demonstrate intention through such factors such as job responsibilities, military service, and other experience.

The campus may, at its discretion, admit a student on a conditional basis and/or through faculty sponsorship.

First Year Beginners

Academic success at the college level depends upon a range of factors in addition to academic preparation, including verbal, writing, quantitative, and reasoning abilities; academic motivation, work, persistence; and academic maturity. IU Southeast uses a student's performance in high school course work as a primary indicator of abilities, motivation, persistence, and maturity. In addition, current high school seniors and recent graduates must submit scores from a nationally standardized college admissions examination (SAT or ACT). Test scores may be used as indicators of likely success at IU Southeast when taken in combination with high school preparation and performance. IU Southeast has adopted standards for academic preparation to ensure that its degree-seeking undergraduate students have a background that makes it reasonably likely that they will succeed in college-level work.

All persons applying for admission to undergraduate programs must, before they matriculate, graduate from high school, earn a GED (or state high school equivalency), or graduate from a home school. Students who are recent graduates from an Indiana high school must have completed the Core 40 requirements. Completion of an Academic Honors Diploma is strongly encouraged for college-bound students.

Students who are recent graduates of high schools outside Indiana, or whose secondary school does not offer the Core 40 diploma, must have completed at least twenty eight (28) credits of college-preparatory courses, advanced placement courses, and/or college courses.

(Note: The word "credit" means a one-semester course, such as a one-semester course in high school, a three credit hour college semester course, or a four credit hour college quarter course.)

In the case of high school seniors, admission decisions will be based on completed course work and performance and on anticipated course work still required for graduation.

Applicants who are recent graduates from an Indiana high school and who completed Core 40 with at least a B (3.0 on a 4.0 scale) average, or who have completed an Academic Honors Diploma, and who have submitted SAT or ACT scores, will be admitted. Such applicants who have a C+ (2.5 on a 4.0 scale) average in their course work, and an SAT score of 950 or an ACT score of 20 will be admitted.

Applicants who are recent graduates of high schools outside Indiana or did not complete the Core 40 diploma (prior to 2011) must have completed at least twenty eight (28) credits of college-preparatory courses, advanced placement courses, and/or college courses. Such applicants who have a B (3.0 on a 4.0 scale) average in their course work will be admitted. Such applicants who have a C+ (2.5 on a 4.0 scale) average in their course work, and an SAT score of 950 or ACT score of 20 will be admitted.

Conditional admission may be offered to students who are not eligible for full admission. Typical qualifications for conditional admission for Indiana students graduating in 2011 or after consist of a Core 40 (or 28 college preparatory high school courses for non-Indiana residents) and one of the following criteria: at least a 2.3 GPA or at least a combined score of 900 on the math and critical reading portions of the SAT or 19 on the ACT.

Home-schooled students must provide an official transcript with the home school educator's signature and SAT or ACT scores. The admission decision will be based on the high school course work and a test score that is indicative of likely success at IU Southeast.

Note: For the purposes of this policy, a recent graduate is defined as someone whose high school graduation date is within two years of his or her expected date of matriculation at IU Southeast. Essays, extracurricular activities, recommendation letters, community service, and work experience may also be considered as evidence of academic motivation and maturity.

Applicants with a General Education Development (GED) diploma must present a GED score of at least 500 (50 on the former scale). Comparable state high school equivalencies will also be evaluated. Applicants who have been out of high school for more than two years, and who do not meet the minimum requirements listed for first-time undergraduate students, may speak individually with an admission counselor to demonstrate intention through such factors such as job responsibilities, military service, and other experience.

The campus may, at its discretion, admit a student on a conditional basis and/or through faculty sponsorship.

International Students

All non–United States citizens or permanent residents who are interested in studying at Indiana University Southeast are required to submit the International Application for Admission. This application, along with the appropriate educational and financial records, will be evaluated and processed in accordance with SEVP guidelines.

Returning Students

Students who have been enrolled at Indiana University Southeast over one year ago and wish to return must complete a new application for admission. Those students who had below a 2.0 from their previous Indiana University Southeast coursework will be evaluated by the school in which they wish to enroll. Returning students who have attended another college or university since their last enrollment must follow the transfer student guidelines.

Transfer Students

Applicants who have previously attended one or more community colleges, colleges, and/or universities must satisfy the following requirements:

Applicants must submit official transcripts from all institutions previously attended. Applicants must demonstrate a cumulative college grade point average of at least 2.0 on a 4.0 point scale and must be eligible to return to their previous college. Students who have been academically dismissed will not be eligible for admission to Indiana University Southeast based on the terms of their dismissal or suspension from their previous institution.

To be considered a transfer student, students must have earned at least 12 college level credit hours from an approved institution of higher education. The student who has earned fewer than 26 college credit hours must comply with entering student admission requirements as specified in the section titled First-Year Beginners.

For applicants who have not attended a community college, college, or university within the past three years, admission can be based on factors such as maturity, work experience, and military service as determined by the Office of Admissions.

Some IU Southeast schools and academic programs may have higher standards and specific requirements for admission to a particular program, in addition to those mentioned here.

The campus may, at its discretion, admit a student on a conditional basis and/or through faculty sponsorship. For the latest transfer information, visit www.ius.edu/transfer.

Visiting Students

Students who are seeking degrees at institutions other than Indiana University and who are in good academic standing may be admitted for one semester to non-degree status at IU Southeast. Also, students holding bachelor's degrees who wish to enroll for either undergraduate or graduate courses but are not in pursuit of degrees are classified as non-degree students. Students applying for non-degree status are required to submit the application, application fee, and official transcripts.

Auditing Only Students

Some students may wish to enroll in a course without working for or expecting to receive formal credit. They

may enroll as special audit students. New students must be eligible for admission. The application for admission, the application fee, and appropriate academic credentials are required. Students previously enrolled or concurrently enrolled in credit courses may enroll as auditors by informing registration personnel during the registration period or before the first class meeting. Changes from audit to credit status are prohibited after the second week of classes (first week of classes in summer sessions), unless approved by the Executive Vice Chancellor for Academic Affairs. Fees for audit courses are the same as for credit courses. Courses completed as audits will be entered on the student's transcript with an "NC" notation for "no credit" in place of a grade. The NC notation recorded for an audited course may not be changed subsequently to a regular grade for credit.

High School Students

Superior students currently attending local high schools may be granted permission to enroll for certain predetermined classes at IU Southeast. Students must have completed their junior year of high school, and Indiana students must be on track for either an Academic Honors or Core 40 diploma. Kentucky students must be on track to have at least 28 college preparatory high school courses. Official high school transcripts, ACT or SAT scores, and a letter of recommendation from the high school guidance counselors, including the course in which the students intends to enroll, are required.

Intercampus and Intra-university Transfers

Students who have been regularly admitted to Indiana University, who have attended one campus or who are in one degree-granting school or division, and who have maintained the required grade point average (usually 2.0) may usually transfer to another IU campus or another degree-granting school or division by complying with established procedures and deadlines. The appropriate academic dean should be consulted for further information.

Applicants for transfer to IU Southeast from another campus of Indiana University must have an Indiana University cumulative grade point average of at least 2.0 and should have satisfied the course requirements through either high school or in their prior college studies. Applicants must take care of any academic, financial, or disciplinary holds prior to transferring to IU Southeast.

Some IU Southeast schools and academic programs may have higher standards and specific requirements for admission to a particular program, in addition to those mentioned here.

The campus may, at its discretion, admit a student on a conditional basis and/or through faculty sponsorship.

See also "Transfer to Other Indiana University Campuses" in the "Policies" section.

Advanced Placement and Dual Credit

Advanced Placement

IU Southeast awards credit at no charge for appropriate grades on the College Board AP exams administered by participating high schools. AP score reports are received in June, and a notice is sent in July of any special credit

awarded. A full list of the AP courses and the scores required for college credit is available on the Student Success Center web site.

Advanced Credit

In some instances, a student receiving advanced placement may also receive credit that may be used to satisfy graduation requirements. The standards of performance for advanced credit are higher than for advanced placement. Departmental criteria for both advanced placement and advanced credit are set by the IU Southeast faculty of the appropriate department. Standards aren't necessarily similar to standards on other IU campuses.

Students may use the Scholastic Aptitude Test (SAT), the Advanced Placement Program, the College Placement Program, the College Level Examination Program (CLEP), other national tests, and/or instruments devised by IU Southeast faculty to demonstrate that they meet the standards for advanced placement and/or advanced credit.

Usually, advanced placement and advanced credit are of greatest value to new students, but other students should consult the department involved because they also may benefit from the availability of these programs. The number of advanced credit hours that will be allowed toward graduation is determined by the school or division awarding the degree.

Dual Credit

Superior students currently attending local high schools may be granted permission to enroll for certain predetermined classes at IU Southeast. Students must have completed their junior year of high school, and be on track for either an Academic Honors or Core 40 diploma. Official high school transcripts, ACT or SAT scores, and a letter of recommendation from the high school guidance counselors, including the course in which the students intend to enroll, are required.

Credit Transfer Policy for Bachelor's Degrees

The Office of Admission, in conjunction with faculty, evaluates courses submitted for transfer credit according to several factors. These include the previous school's accreditation, the content, level, and age of the course, and whether the credits are appropriate to an Indiana University Southeast degree program. Only courses in which a grade of C or higher is earned will transfer. Transfer credit may count toward meeting the requirements for a degree, but it will not count toward the IU Southeast grade point average. The Office of Admission makes an initial determination regarding the transferability and equivalency of courses submitted for transfer. Individual schools and departments at Indiana University Southeast determine how transferred credits will apply toward degree requirements.

Candidates for a bachelor's degree must earn at least 26 additional credit hours in residence to graduate with an Indiana University degree.

Course equivalencies are maintained in transfer guides, program articulations, historical data, Indiana's Core Transfer Library and u.select. IU Southeast also works to ensure students are made aware of how their credits will

transfer by advising students at the community college level or pre-transfer level on a regular basis.

Veterans may earn college credit for educational experiences in the armed services. A certified DD Form 295 and/or DD Form 214, and/or transcripts from the Army/American Council on Education Registry Transcript Services (AARTS) or Sailor/Marine American Council on Education (SMART) transcript should be submitted with the application materials for consideration.

Credits earned while in high school (dual credit) will be evaluated in the same manner as transfer credit. Students are required to disclose that they have taken such courses on their application and are required to submit official transcripts of all work to the admissions office.

Transfer Single Articulation Pathway (TSAP)

In 2013 the Indiana legislature enacted Senate Enrolled Act 182, which among other things, set the mandate that each state-supported public educational institution, in collaboration with the Indiana Commission for Higher Education, work together to create and implement a single articulation pathway. These pathways, branded TSAPs across all of Indiana, are a formal partnership between the state's public 2-year and 4-year colleges and universities to give Indiana students opportunity to achieve a Bachelor's degree in the most time and cost efficient manner possible. The TSAP agreements provide guarantees to students graduating from Ivy Tech Community College or Vincennes University with their associate's degrees; that they can complete their bachelor's degree in the same discipline within 60 additional credits or 4 semesters of fulltime, successful enrollment.

Per the statute, the degree programs prioritized for TSAP development must be those in which significant numbers of students first obtain an associate of science or an associate of arts degree with the intent of obtaining a related baccalaureate degree. For more information regarding qualifying programs visit the Office of Admissions TSAP website.

Criminal Activity Disclosure

Indiana University Southeast is committed to maintaining a safe environment for all members of the university community. As part of this commitment, the university requires applicants to disclose certain types of criminal activity as part of the application process. A previous conviction or previous conduct does not automatically bar admission to the university, but does require review. Withholding pertinent information or giving false information may make an applicant ineligible for admission, subject to cancellation of admission if admission has already been granted, or dismissal if already enrolled. For more information, please contact the Office of Admission.

Financial Information

- Financial Aid
- Student Central
- Past Due Accounts
- Payment Options
- Reciprocity between Indiana and Kentucky
- Refunds

- Refunds - Fee Appeals
- Rules Determining Resident and Nonresident Student Status
- Tuition and Fees

Office of the Bursar General Information

Mailing Address:
Indiana University Southeast
Office of the Bursar
4201 Grant Line Road
New Albany, IN 47150

Campus Location: University Center South, Room 103

Phone: (812) 941-2335

Email: bursar@ius.edu

Hours of Operation:

8 a.m. to 6 p.m. Monday through Thursday;
8 a.m. to 5 p.m. Friday.

Past Due Accounts

Please visit the Student Central website for specific due dates.

Holds will be placed on past due accounts that can prevent the following:

- Registering for classes
- Obtaining official transcripts
- Obtaining a diploma

To resolve a past due account, payment in full must be made with guaranteed funds (cash, credit card, money order, cashier's check, etc.). When an account continues to be past due, IU Southeast will forward the account to a third-party collection agency.

Payment Options

Payments may be made online with credit cards, debit cards, or electronic check. Payments can be made in person with check or cash.

- **Payment Plans** - IU partners with Nelnet Campus Commerce to let you pay your balance over time with a payment plan. This option allows you to pay off your account in up to four payments over the term, depending on when you enroll in the payment plan. Please consult the Student Central website for more information.
- **Sponsors** -
 - **Voucher** - Students can upload a voucher from their employer. IU Southeast will bill the employer for the tuition and fees. Any fees not covered by the employer are the responsibility of the student to pay.
 - **Employer Deferment** - Students that work for an employer that pays tuition and fees after grades are due may opt for an Employer Deferment. There is a deferment fee assessed. All tuition and fees covered by the employer are deferred until 2 weeks after grades are due. Request employer deferment online.

- **Credit Cards** - We accept Discover, MasterCard, Visa, and American Express. Any credit on an account paid by credit card must be credited back to the credit card account first.

Please visit the Student Central website for the most recent information on payment options.

Reciprocity between Indiana and Kentucky

A tuition reciprocity agreement between Indiana and Kentucky permits eligible residents of Bullitt, Jefferson, Meade, Oldham, Shelby, and Trimble counties in Kentucky to enroll at IU Southeast at resident tuition rates. The rules for determining residency status for residents of Bullitt, Jefferson, Meade, Oldham, Shelby, and Trimble counties in Kentucky are the same as the currently established "Rules Determining Resident and Nonresident Student Status for Indiana University Fee Purposes." Information for prospective students is available from the Office of Admissions, University Center 102, (812) 941-2212. Information for continuing students is available from Student Central.

Refunds

Whenever an insufficient number of students register for a course, the university reserves the right to cancel the course and refund all fees.

You could be eligible for a refund if:

- You withdraw from a course or courses during the first four weeks of the fall and/or spring semesters,
- You withdraw from a course or courses during the first two weeks of a summer session; **AND**
- You withdraw through e-drop or during the specified period

Please consult the Student Central website to determine the current refund schedule.

Refunds-Fee Appeals

Students have the right to submit an appeal of the fee refund policy if there are significant or unusual circumstances that cause them to drop courses or withdraw from all courses after the refund period has ended.

- Appeals must be received within one year after the end of the term for which a refund is being requested.
- Students must be withdrawn from the class or classes being appealed.
- Students must attach documentation supporting their request. Your appeal will NOT be considered without the required documentation.

This process can take up to 2-4 weeks for the committee to meet and render a decision. Please see Student Central in University Center South, Room 103 or email them at sesc@ius.edu for the fee appeal link.

Rules Determining Resident and Nonresident Student Status

These Rules establish the policy under which students shall be classified as residents or nonresidents upon all campuses of Indiana University for University fee purposes. Nonresident students shall pay a nonresident

fee in excess of fees paid by a resident student. A non-U.S. citizen will not be considered for residence classification under this policy unless the Office of U.S. Citizenship and Immigration Services (USCIS) has granted the individual either lawful permanent resident status or an immigration status that would permit the non-U.S. citizen to establish a domicile in Indiana.

1. "Residence" as the term, or any of its variations (e.g., "resided"), as used in the context of these Rules, means the place where an individual has his or her permanent home, at which he or she remains when not called elsewhere for labor, studies, or other special or temporary purposes, and to which he or she returns in seasons of repose. It is the place a person has voluntarily fixed as a permanent habitation for himself or herself with an intent to remain in such place for an indefinite period. A person at any one time has but one residence, and a residence cannot be lost until another is gained.

a. A person entering the state from another state or country does not at that time acquire residence for the purpose of these Rules, but except as provided in Rule 2(c), such person must be a resident for 12 months in order to qualify as a resident student for fee purposes.

b. Physical presence in Indiana for the predominant purpose of attending a college, university, or other institution of higher education, shall not be counted in determining the 12-month period of residence; nor shall absence from Indiana for such purpose deprive a person of resident student status.

2. A person shall be classified as a "resident student" if he or she has continuously resided in Indiana for at least 12 consecutive months immediately preceding the first scheduled day of classes of the term in which the individual registers in the University, subject to the exception in (c) below.

a. The residence of an unemancipated person under 21 years of age who is lawfully present in the United States follows that of the parents or of a legal guardian who has actual custody of such person or administers the property of such person. In the case of divorce or separation, if either parent meets the residence requirements, such person will be considered a resident. (see note 1)

b. If an unemancipated person under 21 years of age who is lawfully present in the United States comes from another state or country for the predominant purpose of attending the University, he or she shall not be admitted to resident student status upon the basis of the residence of a guardian in fact, except upon appeal to the Standing Committee on Residence in each case.

c. An unemancipated person under 21 years of age who is lawfully present in the United States may be classified as a resident student without meeting the 12-month residence requirement within Indiana if his or her presence in Indiana results from the establishment by his or her parents of their residence within the state and if he or she proves that the move was predominantly for reasons other than to enable such person to become entitled to the status of "resident student."

d. When it shall appear that the parents of a person properly classified as a "resident student" under subparagraph (c) above have removed their residence

from Indiana, such person shall then be reclassified to the status of nonresident; provided, that no such reclassification shall be effective until the beginning of a term next following such removal.

e. A person once properly classified as a resident student shall be deemed to remain a resident student so long as lawfully residing in the United States and remaining continuously enrolled in the university until such person's degree shall have been earned, subject to the provisions of subparagraph (d) above. (see note 2)

3. The foreign citizenship of a person shall not be a factor in determining resident student status if such person has legal capacity to remain permanently in the United States. (see note 2)

4. A person classified as a nonresident student may show that he or she is exempt from paying the nonresident fee by clear and convincing evidence that he or she has been a resident (see Rule 1 above) of Indiana for the 12 months without the predominant purpose of education prior to the first scheduled day of classes of the term in which his or her fee status is to be changed. Such a student will be allowed to present his or her evidence only after the expiration of 12 months from the residence qualifying date, i.e., the date upon which the student commenced the 12-month period for residence. The following factors will be considered relevant in evaluating a requested change in a student's nonresident status and in evaluating whether his or her physical presence in Indiana is for the predominant purpose of attending a college, university, or other institution of higher education. The existence of one or more of these factors will not require a finding of resident student status, nor shall the non-existence of one or more require a finding of nonresident student status. All factors will be considered in combination, and ordinarily resident student status will not result from the doing of acts which are required or routinely done by sojourners in the state or which are merely auxiliary to the fulfillment of educational purposes.

a. The residence of a student's parents or guardians.

b. The situs of the source of the student's income.

c. To whom a student pays his or her taxes, including property taxes.

d. The state in which a student's automobile is registered.

e. The state issuing the student's driver's license.

f. Where the student is registered to vote.

g. The marriage of the student to a resident of Indiana.

h. Ownership of property in Indiana and outside of Indiana.

i. The residence claimed by the student on loan applications, federal income tax returns, and other documents.

j. The place of the student's summer employment, attendance at summer school, or vacation.

k. The student's future plans including committed place of future employment or future studies.

l. Admission to a licensed profession in Indiana.

m. Membership in civic, community, and other organizations in Indiana or elsewhere.

n. All present and intended future connections or contacts outside of Indiana.

o. The facts and documents pertaining to the person's past and existing status as a student.

p. Parents' tax returns and other information, particularly when emancipation is claimed.

5. The fact that a person pays taxes and votes in the state does not in itself establish residence, but will be considered as hereinbefore set forth.

6. The registrar or the person fulfilling those duties on each campus shall classify each student as resident or nonresident and may require proof of all relevant facts. The burden of proof is upon the student making a claim to a resident student status.

7. A Standing Committee on Residence shall be appointed by the president of the university and shall include two students from among such as may be nominated by the student body presidents of one or more of the campuses of the university. If fewer than four are nominated, the president may appoint from among students not nominated.

8. A student who is not satisfied by the determination of the registrar has the right to lodge a written appeal with the Standing Committee on Residence within 30 days of receipt of written notice of the registrar's determination, which committee shall review the appeal in a fair manner and shall afford to the student a personal hearing upon written request. A student may be represented by counsel at such hearing. The committee shall report its determination to the student in writing. If no appeal is taken within the time provided herein, the decision of the registrar shall be final and binding.

9. The Standing Committee on Residence is authorized to classify a student as a resident student, though not meeting the specific requirements herein set forth, if such student's situation presents unusual circumstances and the individual classification is within the general scope of these Rules. The decision of the committee shall be final and shall be deemed equivalent to a decision of the Trustees of Indiana University.

10. A student or prospective student who shall knowingly provide false information or shall refuse to provide or shall conceal information for the purpose of improperly achieving resident student status shall be subject to the full range of penalties, including expulsion, provided for by the university, as well as to such other punishment which may be provided for by law.

11. If a student does not pay additional monies which may be due because of his or her classification as a nonresident student, his/her student financial account will be encumbered. A student whose account is encumbered may be denied certain University services, such as registration and transcripts.

12. A student or prospective student who fails to request resident student status within a particular term and to pursue a timely appeal (see rule 8) to the Standing

Committee on Residence shall be deemed to have waived any alleged overpayment of fees for that term.

13. If any provision of these rules or the application thereof to any person or circumstance is held invalid, the invalidity does not affect other provisions or applications of these rules which can be given effect without the invalid provision or application, and to this end the provisions of these rules are severable.

Notes

1 Invocation of the provision in Rule 2(a) that applies to cases of divorce or separation requires appropriate legal documentation.

2 NOTE: Effective Fall 2007, students with immigration statuses which permit the establishment of a domicile in the United States may be eligible to pay resident fees, providing that all other conditions are met. Current eligible classifications are: A-1, A-2, A-3, E-1, E-2, E-3, G-1, G-2, G-3, G-4, H-1B, H-4, I, L-1, L-2, O-1, O-3, V-1, V-2, and V-

3. Continuing eligibility to remain classified as a resident student for fee-paying purpose depends upon the continued maintenance of eligible immigration status. Contact the Student Central for more information.

Tuition and Fees

Estimated Costs

Please visit the Student Central website for current estimated cost of attendance, including tuition, mandatory fees, and parking. Estimated costs for books, housing, supplies, and other personal items are not included. Tuition and fees can be estimated using an online fee estimate.

Schedule

The Trustees of Indiana University determine the tuition and fee schedule and is subject to change.

- Please visit the Student Central website to determine current fees.
- Tuition and fee due dates are posted on the Student Central website each semester.
- All new students are charged a nonrefundable application fee and new student enrollment fee.
- To learn more about housing costs and payment deadlines, see the Residence Life and Housing website.

Note: Indiana University policy is that tuition and fees are assessed based on the student's classification as a graduate or undergraduate student, not on the basis of the level of the course(s) the student is taking.

Housing

Meadow Lodge 103
Phone: (812) 941-2115
www.ius.edu/housing/

The Office of Residence Life and Housing creates living-learning environments committed to holistic student development, academic success, and civic engagement. The department strives to provide safe, well-maintained, housing facilities that engage students in meaningful discourse and interaction while providing opportunities for personal growth and service to the community.

On-campus housing is provided through the Office of Residence Life and Housing. Approximately 400 students live on campus at IU Southeast in five lodges. Each lodge features full apartments with semi-private bathrooms, full kitchens, and common living spaces. Each lodge also features a central great room, a computer lab, laundry facilities, vending machines, mail delivery, high-tech security access, and quiet study spaces. Students live in one, two, or four-bedroom apartments. Some bedrooms are double-occupancy while others are single occupancy. Housing fees include all utilities, cable television service, and high-speed Internet and wireless access.

Acceptance to the university does not guarantee housing to any student. Students and prospective students who want to live on campus should apply as early as possible to ensure the best possible consideration for housing. Assignments are made in the order in which applications and deposits are received. Students who currently live on campus are assigned first, followed by new students. Short-term housing is available to visiting students and conference guests during the summer months at competitive rates.

More information about living on campus, including the Residence Hall Application and Contract and housing rates, may be found at the Housing website.

Graduate Students

A student planning to complete one of the master's degrees offered by Indiana University Southeast must apply for and be accepted into the desired graduate program. Information can be secured at the appropriate office. Other students wishing to register for graduate courses at Indiana University Southeast must have their admission cleared in advance with the dean of the school in which they may wish to earn their degree. If students register for graduate credit without the approval of their school, they do so without the assurance that credit for such work may be applied toward fulfilling requirements for an advanced degree. Note that it is Indiana University policy to assess graduate fees for all courses in which a graduate student enrolls, regardless of the level of the course.

Post-baccalaureate Certificate

Working professionals have an opportunity to pursue life-long learning opportunities through the post-baccalaureate certificate program. The program is designed for professionals with business degrees employed outside their academic major and professionals with degrees in arts and sciences. Certificates are available in accounting, economics, finance, general business, supply chain and information management, and marketing.

Second Undergraduate Degree

Normally, the holder of a bachelor's degree who wishes to pursue a further educational goal should seek entry into a graduate program. In certain cases, however, the assistant vice chancellor for enrollment management may admit a bachelor's degree holder to candidacy for a second bachelor's degree. Forms to petition for such admission are available through the Office of Admissions. When such admission is granted, the candidate must meet the requirements of the school or division and of the department in which the student is a candidate. Candidates for a second bachelor's degree must earn at

least 26 additional credit hours in residence. The student must apply for undergraduate admission and meet all requirements as stated under the section entitled "Transfer Applicants."

Undergraduate Studies

Academic Programs – General Information

Indiana University Southeast has seven undergraduate degree-granting academic units: School of Arts and Letters; School of Business; School of Education; School of Natural Sciences; School of Nursing; School of Social Sciences; and General Studies. In addition, IU Southeast has an Honors Program for highly motivated students.

Within the undergraduate schools are the academic departments, offering major and minor programs. The "List of Academic Degrees" section of this bulletin provides a list of degrees and majors offered at IU Southeast. Descriptions appear elsewhere in the Bulletin.

Purpose and Philosophy

The purpose of an IU Southeast undergraduate education is to prepare students to act as thoughtful, informed, and productive citizens and lifelong learners in the context of a complex and rapidly changing society. We believe that the best education is one that provides not only specific knowledge and skills but also intellectual breadth. Such an education enables students to develop into well-rounded human beings who can provide the leadership their communities need in an era of rapid change. We embrace the notion of a set of common goals for an undergraduate education at IU Southeast and recognize that the means of attaining those goals will vary among degree programs. The coherence of an IU Southeast education lies more in the pursuit of common goals than in the completion of common courses. The pursuit of these goals is a shared responsibility of faculty and students. Courses in the major contribute to general education and those in general education contribute to the major. Thus all faculty members foster both the breadth and the depth of the education of all students in their courses.

Common Goals

These are primarily the goals of general education.

1. To develop essential skills, including:
 - Written and oral communication skills
 - Quantitative reasoning
 - Reasoning about moral and ethical questions and diversity
 - Critical Thinking
 - Information literacy
2. To understand humanity and the world through the central ideas, issues, and methods of inquiry found in the arts and humanities, the natural and physical sciences, and the social and behavioral sciences.

These are primarily the goals of the major:

1. To acquire a depth of knowledge in a specified area of study.
2. Within the context of a specified area of study, to reason, to think both critically and creatively, and to solve problems.

The faculty have approved specific learning outcomes for each of the general education goals. These outcomes can be found at <https://www.ius.edu/general-education/>.

General Requirements for Undergraduate Degrees

- Bulletin Year and Student Degree Requirements
- First-Year Seminars
- Declaring a Major(s)
- Minors & Certificates
- General Education Core for All IU Southeast Baccalaureate Degrees
- General Education List of Courses
- Specific Limitations for All Undergraduate Degrees

Bulletin Year and Student Degree Requirements

This *Bulletin* states the general degree and major requirements for students who enter the university beginning in the fall semester of 2019 through the summer terms of 2021. Students can expect to follow degree and major requirements as stated in the *Bulletin* that is current at the time of his or her admission to the University. However, should a student change degrees and/or majors during his or her time at Indiana University Southeast, the student will follow the requirements in the *Bulletin* which is current at the time of the change. Students should note that the requirements for degree programs that lead to professional certification may change to stay current with certification requirements. Every effort is made to notify students of such changes.

Students who leave the university for two consecutive academic semesters or more (not including summer semesters) are expected to meet the degree and major requirements that are in effect when they resume their studies.

First-Year Seminars

First Year Seminar (FYS) is a one credit course required of all first year students. This course is designed to maximize students' success in transitioning to college. Course content includes: academic and student resources, study habit techniques, time management skills, educational planning, and adjustment concerns. There are two types of FYS courses. The first type is taken in tandem with a general education course that a first year student typically takes, making it a 4 credit hour class. Students choosing this option should take the FYS course in conjunction with a major-specific area course or an area of interest. The second type is a stand-alone FYS course which is a one credit hour class that is offered during the first 7 weeks of the semester. It is best to take the FYS course during your first college semester at IU Southeast.

Since Fall 2002, All degree-seeking students entering IU Southeast who are new college students or who have fewer than 26 semester hours of transfer credit must pass one First-Year Seminar course. Students who are required to take a First-Year Seminar and do not pass one before reaching sophomore status (26 semester hours) will not be able to register or receive certified records without special authorization from the First-Year Seminar director.

Questions should be addressed to Dr. Donna Dahlgren, director, Crestview 032; phone (812) 941-2682; email ddahlgr@ius.edu

Declaring a Major

All degree-seeking students must declare a major. It is highly recommended that a major be declared within the first 30 credit hours of course work, if one is not chosen prior to entering the University. Students may declare their major online at <https://gus.ius.edu/mymajor/> or by contacting an Academic Advisor for the school in which their intended major resides.

Double Degree

Students may simultaneously earn two different degrees (e.g., B.A. and B.S. or B.S. and B.S.). Such a double degree can be obtained by completing all requirements for each of the two degrees. Students must have a declared major for each degree and must have an advisor for each degree.

Minors

Students completing an IU Southeast degree may concurrently complete a minor(s) in an academic discipline or an interdisciplinary field. A minor is a second field of study taken along with a major that may widen the primary area of interest or increase career opportunities. Taking a minor is optional. Requirements for specific minors are described in each school's academic section of this bulletin.

Minors typically require between 15 and 29 credit hours and permit students to enrich and diversify their academic programs. Students declare their minors to the school office of their major, or may use the Update My Major online tool to declare. The minor(s) will be indicated on student's transcript upon conferral of the bachelor's degree. Minors may only be attached to Bachelor's degrees. Additional minors cannot be added once a Bachelor's degree is conferred. Interested students should keep these restrictions in mind:

- A student may not earn a major and a minor in the same discipline.
- Students must obtain a minimum cumulative program grade point average of 2.0 across all courses required in a minor. Some departments may have additional GPA requirements. Consult your academic advisor for more information.
- Generally, students must achieve a minimum grade of C- to have a course count towards their minor. Some departments may have additional grade requirements. Exceptions may be made by the faculty of the discipline offering the minor. Consult your academic advisor for more information.

Certificates

IU Southeast offers several certificates which typically require between 18 and 29 credit hours. Some certificates can be completed as stand alone, while others must be completed in addition to a bachelor's degree.

Students wishing to pursue a certificate should declare the certificate to the unit in which it is offered, or may use the online Update My Major tool to declare. Requirements for specific certificates are described in each schools'

academic section of this Bulletin. Interested students should keep these restrictions in mind:

- Students must obtain a minimum program grade point average of 2.0 across all courses included in a certificate. Some departments may have additional GPA requirements. Consult your academic advisor for more information.
- Generally, students must achieve a minimum grade of C- to have a course count towards their minor. Some departments may have additional grade requirements. Exceptions may be made by the faculty of the discipline offering the certificate. Consult your academic advisor for more information.
- Residency Requirement: Students must complete 50% of the required credit hours for a certificate in residence at IU Southeast. Some departments may have additional residency requirements. Consult your academic advisor for more information.
- Minors may not attach to Certificates, only Bachelor's degrees.

Students should also be aware that these minors and certificates will not certify education graduates to teach in the subject area.

Students should consider pursuing minors or certificates that will be complimentary to their respective major programs; and offers a credential that will enhance their career preparation.

General Education Core for All IU Southeast Baccalaureate Degrees

In 2012, Indiana enacted Senate Enrolled Act 182, thereby establishing the requirements for a Statewide Transfer General Education Core of at least 30 credit hours. The statute states that the Core must be based upon a set of competencies (stated below) in areas agreed upon by the state educational institutions.

Effective Fall 2013, IU Southeast instituted the updated Statewide Transfer General Education Core for all incoming students. General education at IU Southeast includes campus-wide requirements, which apply to all baccalaureate degrees, and requirements that are specific to each degree. Some degrees have extensive general education requirements of their own, whereas others have relatively few requirements beyond those established by the campus.

The purpose of this section is to describe the campus-wide general education program and its requirements. Requirements that are specific to each degree are set out in the section that describes that degree.

In many cases, a requirement states that students must choose courses from a list of approved courses. Students should consult their advisors or visit <https://www.ius.edu/general-education/> for the most up-to-date list of approved courses.

1. Written Communication (6 credit hours)

Students are required to take ENG-W 131 (Reading, Writing, & Inquiry I) or HON-H 103, and one second level course, selected on the basis of their major, from the list of approved courses. Students should consult with their advisor to determine which second course is appropriate for their intended major.

- **Placement in English Composition** In order to enter ENG-W 131, a student must first complete the Writing Placement process administered by the Student Development Center. On the basis of the results, the student will be placed in the appropriate writing course. The placement process is administered throughout the year and by appointment. Students must pass ENG-W 131 with a grade of C or higher.
- **Exemption** Students who desire an exemption with or without credit from ENG-W 131 should consult the Writing Program Coordinators. All requests for exemption and credit for this course should be made within the student's first 30 credit hours of course work at Indiana University Southeast.

2. Oral Communication (3 credit hours)

Students are required to complete one course from the list of approved courses.

3. Quantitative Reasoning (3 credit hours)

Students are required to complete one course from the list of approved courses.

Note: Degree programs vary significantly in the level of mathematical preparation they require for successful completion. Students should take this into consideration when choosing courses to meet this requirement.

- **Placement** In order to enter a mathematics course, a student must first take a placement test, administered by the Student Development Center. On the basis of this score, the student will be placed in a course that best matches his or her knowledge of mathematics. The test is given throughout the year and by appointment.
- **Exemption** A student may achieve exemption from the mathematics requirement by earning a sufficiently high score, as determined by the mathematics faculty, on the ACT or Scholastic Achievement Test (SAT), or by testing out of the appropriate class. For more information, see the dean of natural sciences.

4. Information Literacy Library Instruction (1 credit hour)

Students are required to take COAS-S 104, First-Year Seminar.

5. Central Ideas, Issues, and Methods of Inquiry (11 total credit hours)

- Students are required to take one course in either the Humanities or the Arts from the list of approved courses in those disciplines (3 credits).
- Students are required to take one course, with a lab component, from the list of approved courses in the Natural and Physical Sciences. In some instances, a student may use separate lecture and lab classes to meet this requirement; consult your advisor for more information (5 credits).
- Students are required to take one course from the list of approved courses in the Social and Behavioral Sciences (3 credits).

6. Additional Arts, Humanities, Social/Behavioral Science requirement (3 credit hours)

Students are required to complete one course from the list of approved courses. The course chosen cannot be from

the same discipline as any of the courses chosen in item 5 (above).

7. Reasoning about Moral and Ethical Issues or Diversity (3 credit hours)

Students are required to complete one course from the list of approved courses.

General Education List of Courses

The following describes the general education requirements for all IU Southeast baccalaureate degrees for students who enter the university in the Fall 2013 semester and after. Students who entered the university prior to Fall 2013 have the option to use the requirements below with the approval of their academic advisor. Care should be taken to document approval for students who change to the new requirements.

*Note: Courses may appear under more than one General Education Requirement, but these courses can only be used to satisfy one General Education Core requirement.

- **Information Literacy Library Instruction (Choose one course)**
 - COAS-S 104 First Year Seminar (for new students)
 - COAS-S 154 Pathways (for students exempt from First Year Seminar)
- **Written Communications I (Choose one courses, grade of C or better required)**
 - ENG-W 131 Reading, Writing, and Inquiry I
 - HON-H 103 Honors Seminar: Common Intellectual Experience I
- **Written Communication II (Choose one course)**
 - ENG-W 231 Professional Writing Skills
 - ENG-W 234 Technical Report Writing
 - ENG-W 250 Writing in Context
 - ENG-W 270 Argumentative Writing
 - ENG-W 290 Writing in the Arts & Sciences
 - ENG-W 300 Writing for Teachers
 - ENG-W 310 Language and the Study of Writing
 - ENG-W 315 Writing for the Web
 - ENG-W 350 Advanced Expository Writing
 - ENG-W 420 Argumentative Writing
 - JOUR-J 200 Reporting, Writing, & Editing I
 - PSY-P 342 Research & Quantitative Methods in Psychology II
 - SOC-S 260 Intermediate Sociological Writing
- **Oral Communication (Choose one course)**
 - BUS-C 104 Business Presentations
 - SPCH-S 121 Public Speaking
 - HON-H 104 Honors Seminar: Common Intellectual Experience II
 - PHIL-P 113 Introduction to Debate, Argument & Persuasion
- **Quantitative Reasoning (Choose one course)**
 - MATH-A 118 Finite Mathematics for the Social & Biological Sciences
 - MATH-K 300 Statistical Techniques for Health Professions
 - MATH-M 110 Excursions in Mathematics
 - MATH-M 114 Quantitative Literacy II
 - MATH-M 118 Finite Mathematics
 - MATH-M 119 Brief Survey of Calculus I
 - MATH-M 122 College Algebra
 - MATH-M 125 Pre-Calculus Mathematics
 - MATH-M 129 Business Algebra and Applications
 - MATH-M 215 Analytic Geometry & Calculus I
 - MATH-T 101 Mathematics for Elementary Teachers I
- **Ethical Reasoning (E)/Diversity (D) (Choose one course)**
 - AFRO-A 169 Introduction to Afro American Literature (D)
 - AFRO-A 249 African American Autobiography (D)
 - EALC-E 165 Introduction to Contemporary Japan (D)
 - EDUC-M 300 Teaching in a Pluralistic Society (D)
 - ENG-L 207 Women and Literature (D)
 - FINA-A 150 African, New World, and Oceanic Art (D)
 - GEOG-G 201 World Regional Geography (D)
 - HIST-E 100 Issues in African History (D)
 - HIST-F 100 Issues in Latin American History (D)
 - HIST-F 216 History of Slavery in the Americas (D)
 - HIST-F 232 Upheaval in 20th Century Latin America (D)
 - HIST-G 100 Issues in Asian History (D)
 - HIST-H 207 Modern East-Asian Civilization (D)
 - HIST-H 231 Women, Men, and Family in History (D)
 - HON-H 103 Honors Seminar: Common Intellectual Experience I (D)
 - INTL-I 100 Introduction to International Studies (D)
 - JOUR-J 280 Seminar in Journalism Ethics (E)
 - PHIL-P 100 Introduction to Philosophy (E)
 - PHIL-P 140 Introduction to Ethics (E)
 - PHIL-P 145 Introduction to Social & Political Philosophy (E)
 - PHIL-P 170 Introduction to Asian Philosophy (D)
 - PHIL-P 200 Problems in Philosophy (E)
 - PHIL-P 240 Business & Morality (E)
 - POLS-Y 107 Introduction to Comparative Politics (D)
 - POLS-Y 109 Introduction to International Relations (D)
 - SOC-S 163 Social Problems (D)
 - SPHC-S 122 Interpersonal Communication (D)
- **Arts (A)/Humanities (H) (Choose on course)**
 - FINA-F 100 Fundamental Studio Drawing (A)
 - FINA-H 100 Art Appreciation (A)
 - FINA-N 110 Introduction to Studio Art (A)
 - MUS-M 174 Music for the Listener (A)
 - MUS-T 109 Rudiments of Music I (A)
 - THTR-T 105 Theatre Appreciation (A)

- THTR-T 120 Acting I (A)
- AFRO-A 169 Introduction to Afro American Literature (H)
- EALC-E 100 East Asia: An Introduction (H)
- ENG-L 101 Western World Masterpieces I (H)
- ENG-L 102 Western World Masterpieces II (H)
- ENG-L 103 Introduction to Drama (H)
- ENG-L 104 Introduction to Fiction (H)
- ENG-L 106 Introduction to Poetry (H)
- ENG-L 351 American Literature 1800-1865 (H)
- ENG-L 352 American Literature 1865-1914 (H)
- ENG-L 354 American Literature Since 1914 (H)
- FINA-A 101 Ancient & Medieval Art (H)
- FINA-A 102 Renaissance through Modern Art (H)
- HUMA-U 101 Introduction to Humanities (H)
- HUMA-U 102 Introduction to Modern Humanities (H)
- PHIL-P 100 Introduction to Philosophy (H)
- PHIL-P 140 Introduction to Ethics (H)
- **Natural Sciences (Choose one lecture [LE] and one associated lab [LA] OR one lecture/lab [LL] combo)**
 - BIOL-L 100 Humans & the Biological World (LL)
 - BIOL-L 101 Introduction to Biological Sciences I (LL)
 - BIOL-L 102 Introduction to Biological Sciences II (LL)
 - BIOL-L 110 Insects: The Alien Empire (LL)
 - CHEM-C 101 Elementary Chemistry I (LE)
 - CHEM-C 121 Elementary Chemistry I Lab (LA)
 - CHEM-C 102 Elementary Chemistry II (LE)
 - CHEM-C 122 Elementary Chemistry II Lab (LA)
 - CHEM-C 104 Physical Sciences & Society (LL)
 - CHEM-C 105 Principles of Chemistry I (LE)
 - CHEM-C 125 Experimental Chemistry I (LA)
 - GEOG-G 107 Physical Systems of the Environment (LE)
 - GEOG-G 108 Physical Systems of the Environment Lab (LA)
 - GEOL-G 100 Earth Science: Geologic Aspects (LL)
 - PHYS-P 100 Physics in the Modern World (LL)
 - PHYS-P 201 General Physics I (LL)
 - PHYS-P 221 Physics I (LL)
 - PLSC-B 101 Plant Biology (LL)
 - Students should make every effort to complete a lecture and associated lab; however, the following courses are approved as stand-alone courses and may be combined to meet the 5 credit hour requirement with your advisor's approval. Prerequisites may apply.
 - AST-A 100 The Solar System (LE)
 - BIOL-L 100 Humans & the Biological World (LE)
 - CHEM-C 100 The World as Chemistry (LE)
 - CHEM-C 126 Experimental Chemistry II Lab (LA)
 - GEOL-G 180 Dinosaurs (LE)
- PHYS-P 105 Basic Physics of Sound (LE)
- PHYS-P 120 Energy & Technology (LE)
- **Social & Behavioral Sciences (Choose one course)**
 - ECON-E 101 Survey of Economic Issues & Problems
 - ECON-E 201 Intro. to Microeconomics (Replaced ECON-E 150 Introduction to Economics as of Spring 2015)
 - GEOG-G 110 Introduction to Human Geography
 - HIST-H 101 The World in the 20th Century
 - HIST-H 103 Europe: Renaissance to Napoleon
 - HIST-H 104 Europe: Napoleon to Present
 - HIST-H 105 American History I
 - HIST-H 106 American History II
 - HIST-H 243 Environmental History
 - HIST-W 101 World Civilizations to 1500
 - HIST-W 102 World Civilizations 1500 to Present
 - HIST-W 255 Natural Disasters in World History
 - JOUR-C 200 Introduction to Mass Communications
 - POLS-Y 103 Introduction to American Politics
 - POLS-Y 107 Introduction to Comparative Politics
 - POLS-Y 109 Introduction to International Politics
 - PSY-B 310 Life Span Development
 - PSY-P 101 Introduction to Psychology I
 - PSY-P 102 Introduction to Psychology II
 - SOC-S 163 Social Problems

General Education Additional Requirement

Students must choose an additional course from either Arts/Humanities or Social & Behavioral Sciences. The course chosen cannot be from the same discipline as any of the courses chosen to meet the aforementioned Arts/Humanities or Social & Behavioral Science requirements.

Specific Limitations for All Undergraduate Degrees

- Courses taken on the Pass/Fail option can be applied only as electives in meeting degree requirements.
- No more than 64 credit hours earned in accredited junior colleges may be applied toward a bachelor's degree.
- Course work for a degree must usually be completed within 10 years following the time the student first registers in the university. Students returning for a second undergraduate degree or after an extended absence will usually be governed by the requirements stated in the Bulletin in effect when they re-enroll. Exceptions may be granted by the appropriate school or division dean in consultation with the student's academic advisor.
- Degree candidates must have all course credit hours (except for the credit hours for the current semester)

on record at least six weeks before the degree is conferred.

- Students must file their application for a degree in the school or division office at least one month prior to the graduation date. However, for May and August candidates to be included in the Commencement program, degree applications must be filed before March 1.

Bachelor of Science Degree Requirements

- General Rules
- Major Requirements

General Rules

- A minimum of 120 credit hours is required for graduation.
- Students are required to complete a minimum of 30 credit hours in courses at the 300-400 level. Courses used to meet this requirement may be from any department.
- Residency Requirement: Every B.S. degree candidate must complete no fewer than 26 credit hours of course work in the senior year in residence at IU Southeast and no fewer than 10 credit hours of course work in the major field of study at IU Southeast.. Some departments may have specific residency requirements for their majors in addition to this policy.
- The degree candidate must have a minimum cumulative grade point average (GPA) of 2.0 (C).
- A minimum grade of D- counts as passing for the General Education Requirements if the course was taken at an IU campus (*Note: ENG-W 131 must be completed with a C or higher for all degrees*). Some departments may have higher grade requirements for specific General Education Courses.
- Courses accepted for transfer credit from another accredited institution must have a minimum grade of C (not C-). The Office of Admissions handles the assessment of transfer courses.
- Student development courses such as MATH-M 005, ENG-W 100, and EDUC-X 150 do not count toward the 120 credit hours required for graduation.
- If a student passes the same course more than once, it can count only once toward graduation, unless the Bulletin specifically states that the course may be repeated for credit.

Note: The transcript may not indicate how many credit hours have been earned toward graduation. It gives the "IU GPA credit hours," which may include failed courses and repeated courses. The transcript also indicates "total IU credit hours passed," but this may include student development courses.

Major Requirements

Students must complete requirements for a specific major, which must total no fewer than 25 credit hours. The specific requirements a student must fulfill for the major are those published in the IU Southeast Bulletin current at the time the student declare the major.

Only minimum grades of C- may be counted toward this requirement, although courses with lower passing grades

may count toward the 120 credit hour requirement. Note that some programs require minimum grades of C in major courses.

Some courses required for the major may "double dip" with General Education courses, as long as the minimum number of credit hours for the degree is met. When "double dipping" major courses and General Education courses, the minimum grade required is the higher of the two (typically C- or higher).

Bachelor of Arts Degree Requirements

- General Rules
- BA Foreign Language Requirement
- BA Distribution Requirements
- Major Requirements
- Double Major
- Certification to Teach

General Rules

- A minimum of 120 credit hours (at least 130 credit hours if also seeking teacher certification) is required for graduation.
- Students are required to complete a minimum of 30 credit hours in courses at the 300-400 level. Courses used to meet this requirement may be from any department.
- Residency Requirement: Every B.A. degree candidate must complete no fewer than 26 credit hours of course work in the senior year in residence at IU Southeast, and no fewer than 10 credit hours of course work in the major field of study at IU Southeast. Some departments may have specific residency requirements for their majors in addition to this policy.
- The degree candidate must have a minimum cumulative grade point average (GPA) of 2.0 (C).
- A minimum grade of D- counts as passing for the General Education Requirements & the B.A. Distribution Requirement if the course was taken at an IU campus (*Note: ENG-W 131 must be completed with a C or higher*). Some departments may have higher grade requirements for specific General Education & B.A. Distribution courses.
- Courses accepted for transfer credit from another accredited institution must have a minimum grade of C (not C-). The Office of Admissions handles the assessment of transfer courses.
- Student development courses such as MATH-M 005, ENG-W 100, and EDUC-X 150 do not count toward the 120 credit hours required for graduation.
- If a student passes the same course more than once, it can count only once toward graduation, unless the Bulletin specifically states that the course may be repeated for credit.

Note: The transcript may not indicate how many credit hours have been earned toward graduation. It gives the "IU GPA credit hours," which may include failed courses and repeated courses. The transcript also indicates "total IU credit hours passed," but this may include student development courses.

BA Foreign Language Requirement

All BA degree candidates must satisfactorily complete (D- or higher) four semesters of a foreign language, or they must earn an achievement examination or placement test score sufficient for placement in foreign language classes at the 300 level or above.

First-Level Requirement

The foreign language requirement at the first-year level is successful completion of 8 credit hours in a foreign language or a satisfactory score on the university foreign language placement test. Students may receive credit in the language by earning a satisfactory score on the foreign language placement test. All credit for courses taken in a foreign language will apply toward the degree, and the grades obtained will count in the grade point average. The Pass/Fail option may not be used for foreign language courses except when such courses are taken as free electives.

Second-Level Requirement

A student may fulfill the remaining 6 credit hours of the foreign language requirement for the B.A. degree by satisfactorily completing 6 credit hours of course work or the equivalent at the 200 level in a foreign language.

Second-Level courses must be completed in the same language selected for the First-Level Requirement.

Language Examination Placement Tests

Students who have had previous exposure to a foreign language are required to take a university foreign language placement test before they will be allowed to register for any section of a foreign language course. Placement tests are administered by the Student Development Center, University Center South.

Proficiency Examinations

A student may complete the language requirement by taking a proficiency examination administered by the language department concerned. Such examinations will be given after the student has asked for and has received the consent of the language department.

International Students

An international student may substitute proficiency in his or her native language if that language is offered for instruction at Indiana University. The student may not, however, earn credit for any courses at the first- and second-year level in his or her native language.

Additional General Education Requirement: Distribution Requirements

In addition to the requirements stated in the General Education Core, BA degree candidates must select additional courses as described below. They must obtain a minimum grade of D- in all courses used to fulfill the distribution requirements. There is no limit to the number of hours a student may take in any one discipline. In some rare instances, it is possible to "double dip" BA Distribution courses with some General Education Core courses and major courses. When "double dipping," the minimum grade required is the higher of the two. The additional distribution requirements are as follows:

- **Central Ideas, Issues and Methods of Inquiry in the Natural Sciences** - In addition to the five

credit hours required for the campus general education program, choose one additional course for a minimum total of 8 credit hours in the natural sciences. One course must be in the life sciences and one course must be in the physical sciences.

Life Sciences

- AHLT-C150 Body Structure & Function
- ANAT-A215 Basic Human Anatomy
- BIOL-L100 Humans & the Biological World
- BIOL-L101 Intro. to Biological Sciences I
- BIOL-L102 Intro. to Biological Sciences II
- BIOL-L110 Insects: The Alien Empire
- BIOL-L200 Environmental Biology & Conservation
- BIOL-L201 Ecological Principles
- BIOL-L205 Biological Field Techniques
- BIOL-L211 Molecular Biology
- BIOL-L303 Field Biology
- BIOL-L304 Marine Biology
- BIOL-L350 Environmental Biology
- GEOG-G307 Biogeography: Distribution of Life
- PHSL-P130 Human Biology
- PHSL-P215 Basic Human Physiology
- PLSC-B101 Plant Biology
- PLSC-B203 Survey of Plant Kingdom
- PLSC-B205 Vascular Plants
- PLSC-B364 Summer Flowering Plants
- PLSC-B375 Horticultural Plants: Biotechnology, Physiology, & Development
- PSY-P326 Behavioral Neuroscience
- ZOOL-Z103 Animal Biology Lectures & Lab
- ZOOL-Z373 Entomology
- ZOOL-Z374 Invertebrate Zoology Lecture/Lab

Physical Sciences

- AST-A100 The Solar System
- AST-A105 Stars & Galaxies
- CHEM-C101 Elementary Chemistry I
- CHEM-C102 Elementary Chemistry II
- CHEM-C104 Physical Sciences & Society
- CHEM-C105 Principles of Chemistry I
- CHEM-C106 Principles of Chemistry II
- GEOG-G107 Physical Systems of the Environment
- GEOG-G304 Physical Climatology
- GEOG-G308 Disasters: Natural/Human Induced
- GEOG-G315 Environmental Conservation
- GEOL-G100 General Geology
- GEOL-G180 Dinosaurs
- GEOL-G221 Introductory Mineralogy
- GEOL-G300 Environmental & Urban Geology
- GEOL-G411 Invertebrate Paleontology

- GEOL-G415 Principles of Geomorphology
- PHYS-P100 Physics in the Modern World
- PHYS-P105 Basic Physics of Sound
- PHYS-P120 Energy & Technology
- PHYS-P201 General Physics I
- PHYS-P202 General Physics II
- PHYS-P221 Physics I
- PHYS-P222 Physics II
- **Central Ideas, Issues and Methods of Inquiry in Social and Behavioral Sciences** - One additional social/behavioral science course in any discipline (May not "double dip" with General Education Core Social & Behavioral Science or the BA Distribution Historical Investigation requirement.)
 - ANTH-A105 Human Origins & Prehistory
 - ANTH-A362 Principles of Social Organization
 - ANTH-E105 Culture & Society
 - ANTH-E320 Indians of North America
 - ECON-E101 Survey of Economic Issues & Problems
 - ECON-E107 Principles of Economics I
 - ECON-E108 Principles of Economics II
 - ECON-E201 Intro. to Microeconomics (Replaced ECON-E150 Intro. to Economics as of Spring 2015)
 - ECON-E202 Intro. to Macroeconomics (Replaced ECON-E200 Fundamentals of Economics: An Overview as of Summer 2015)
 - ECON-E323 Urban Economics
 - ECON-E347 Women and the Economy
 - ECON-E350 Money & Banking
 - ECON-E360 Public Finance – Survey
 - GEOG-G110 Intro. to Human Geography
 - GEOG-G213 Intro. to Economic Geography
 - PHIL-P145 Intro to Social/Political Philosophy
 - PHIL-P345 Problems in Social/Political Philosophy
 - POLS-Y103 Intro. to American Politics
 - POLS-Y107 Intro. to Comparative Politics
 - POLS-Y109 Intro. to International Relations
 - POLS-Y302 Public Bureaucracy in Modern Society
 - POLS-Y303 Policy Making in the U.S.
 - POLS-Y304 Constitutional Law
 - POLS-Y306 State Politics in the U.S.
 - POLS-Y308 Urban Politics
 - POLS-Y316 Public Opinion & Political Participation
 - POLS-Y319 The United States Congress
 - POLS-Y323 Legislative Behavior
 - POLS-Y324 Women & Politics
 - POLS-Y331 British Politics
 - POLS-Y334 Japanese Politics
 - POLS-Y337 Latin American Politics
 - POLS-Y343 Politics of International Development
 - POLS-Y360 United States Foreign Policy
 - POLS-Y366 Current Foreign Policy Problems
 - POLS-Y374 International Organization
- POLS-Y376 International Political Economy
- POLS-Y392 Prob Contemp Political Philosophy
- POLS-Y394 Public Policy Analysis
- PSY-B310 Life Span Development
- PSY-P101 Introductory Psychology I
- PSY-P102 Introductory Psychology II
- PSY-P233 Industrial Psychology
- SOC-R320 Sexuality & Society
- SOC-R463 Inequality & Society
- SOC-S163 Social Problems
- TEL-R287 Process & Effects of Mass Communication
- **Historical Investigation** - Two courses in Historical Investigation. (May not "double dip" with the additional Social & Behavioral Science for the BA Distribution requirements.)
 - ECON-E409 Economic Hist. of the U.S.
 - ECON-E410 Selected Topics in U.S. EC Hist.
 - FINA-A101 Ancient & Medieval Art
 - FINA-A102 Renaissance through Modern Art
 - FINA-A150 African, New World/Oceanic Art
 - FINA-A270 Women in the History of Art
 - FINA-A315 Art of the Ancient World
 - FINA-A322 Romanesque & Gothic Art
 - FINA-A331 14th & 15th Century Art in Italy
 - FINA-A342 20th Century Art
 - FINA-A362 Art of Japan
 - FINA-A402 Arts of Native North America
 - FINA-A403 Baroque & Rococo Art
 - FINA-A404 Modernism Art 1850-1900
 - FINA-A405 Art of Northern Renaissance
 - FINA-A406 Art of the Italian Renaissance
 - FINA-A440 19th Century Painting I
 - FINA-A451 Art of the South Pacific
 - FINA-A452 Art of Pre-Columbian America
 - FINA-A458 Topics in the Ethnographic Arts
 - FREN-F363 Intro. A La France Modern
 - FREN-F461 La France Contemporaine
 - GEOG-G418 Historical Geography
 - GER-G363 Intro. to German Cultural History
 - HIST-A303 United States, 1789-1865 I
 - HIST-A304 United States, 1789-1865 II
 - HIST-A313 Orig of Mid America 1865-1917
 - HIST-A314 The United States 1917-1945
 - HIST-A315 U.S. Since World War II
 - HIST-A348 Civil War & Reconstruction
 - HIST-B361 Europe in the 20th Century I
 - HIST-B362 Europe in the 20th Century II
 - HIST-B378 History of Germany Since 1648 II
 - HIST-D308 Empire of the Tsars
 - HIST-D310 Russian Revolution & Soviet Regime
 - HIST-D418 Russian Foreign Pol in 20th Century
 - HIST-F100 Issues in Latin American History
 - HIST-F342 Latin America: Evolution & Revolution
 - HIST-F350 The Environment in Latin American History

- HIST-F360 Natural Disasters in Latin American History
 - HIST-F416 History of Slavery in Americas
 - HIST-G100 Issues in Asian History
 - HIST-G200 Issues in Asian History
 - HIST-G385 Modern China
 - HIST-G387 Contemporary China
 - HIST-G451 The Far East I
 - HIST-G452 The Far East II
 - HIST-H101 The World in the 20th Century
 - HIST-H103 Europe: Renaissance to Napoleon
 - HIST-H104 Europe: Napoleon to the Present
 - HIST-H105 American History I
 - HIST-H106 American History II
 - HIST-H201 History of Russia I
 - HIST-H202 History of Russia II
 - HIST-H205 Ancient Civilization
 - HIST-H206 Medieval Civilization
 - HIST-H207 Modern East Asian Civilization
 - HIST-H208 American-East Asian Relations
 - HIST-H214 Comparative Women's History
 - HIST-H218 History of Motion Pictures
 - HIST-H231 Women, Men, & Family in History
 - HIST-H233 Sports in History
 - HIST-H243 Environmental History
 - HIST-H376 American Far West II
 - HIST-W255 Natural Disasters in World History
 - MATH-M380 History of Mathematics
 - MUS-M110 Special Topics in Music
 - MUS-M201 The Literature of Music I
 - MUS-M202 The Literature of Music II
 - MUS-M403 History of Music I
 - MUS-M404 History of Music II
 - PHIL-P302 Medieval Philosophy
 - PHIL-P304 19th Century Philosophy
 - PHIL-P314 Modern Philosophy
 - PHIL-P410 Ancient Greek Philosophy
 - REL-R331 Christianity, 1500-2000
 - SPAN-S411 Spain: The Cultural Context
 - SPAN-S412 Spanish America: Cultural context
 - THTR-T270 Intro. to History of Theatre I
 - THTR-T271 Intro. to History of Theatre II
 - THTR-T275 American Theatre-Black Exp & Contribution
 - AFRO-A 249 African American Autobiography
 - EDUC-M 300 Teaching in a Pluralistic Society
 - FINA-A 150 African, New World and Oceanic Art
 - GEOG-G 201 World Regional Geography
 - HIST-E 100 Issues in African History
 - HIST-F 100 Issues in Latin American History
 - HIST-F 216 History of Slavery in the Americas
 - HIST-F 232 Upheaval in 20th Century Latin America
 - HIST-G 100 Issues in Asian History
 - HIST-H 207 Modern East-Asian Civilization
 - HIST-H 231 Women, Men, and Family in History
 - HON-H 103 Honors Seminar: Common Intellectual Experience I
 - PHIL-P 170 Introduction to Asian Philosophy
 - POLS-Y 107 Introduction to Comparative Politics
 - POLS-Y 109 Introduction to International Relations
 - SOC-S 163 Social Problems
 - SPCH-S 122 Interpersonal Communication
 - **Ethical Reasoning**
 - JOUR-J 280 Seminar in Journalism and Ethics
 - PHIL-P 100 Introduction to Philosophy
 - PHIL-P 140 Introduction to Ethics
 - PHIL-P 145 Introduction to Social & Political Philosophy
 - PHIL-P 200 Problems in Philosophy
 - PHIL-P 240 Business & Morality
- **Ethical Reasoning and Diversity** - In addition to the three credit hours required for the campus general education Ethical Reasoning/Diversity requirement, choose one additional course for a minimum total of 6 credit hours in the Ethical Reasoning/Diversity. One course must be in Ethical Reasoning and one course must be in Diversity. (May not "double dip" with the General Education Core Ethical Reasoning/Diversity Requirement, the BA Distribution Historical Investigation Requirement, or the BA Distribution Social & Behavioral Science Requirement.)
 - **Diversity**
 - AFRO-A 169 Introduction to Afro American Literature

Major Requirements

Students must complete requirements for a specific major, which must total no fewer than 25 credit hours. The specific requirements a student must fulfill for the major are those published in the IU Southeast Bulletin current at the time the student declares the major.

Note:

- Only minimum grades of C– may be counted toward this requirement, although courses with lower passing grades may count toward the 120 credit hour requirement. Note that some programs require minimum grades of C in major courses.
- The course taken to satisfy the first-level general education writing requirement may not be applied toward the major.

Some courses required for the major may "double dip" with General Education Core courses and BA Distribution courses, as long as the minimum number of credit hours for the degree is met. When "double dipping," major courses and General Education and/or BA Distribution

courses, the minimum grade required is the higher of the two (typically a C- or higher).

Double Major

B.A. candidates may simultaneously earn two different degrees (BA or BS) or one BA with two different majors by completing requirements for each of the two degrees and/or majors. At least 25 credit hours must be taken in each degree and/or major. Students must have a declared major in each discipline and must have an advisor for each degree and/or minor.

Certification to Teach

With careful planning, a student may earn teacher's certification for senior high/junior high/middle school education while working toward a Bachelor of Arts degree. Students interested in such a program of study should consult both an advisor in their major field and an advisor in the School of Education.

List of Academic Degrees

Degrees, Minors, and Certificates Listings by School

- School of Arts & Letters
- School of Business
- School of Education
- School of Natural Sciences
- School of Nursing
- School of Social Sciences
- Purdue College of Technology
- Chemistry - Bachelor of Science - School of Natural Science
- Chemistry - Minor
- Clinical Laboratory Science - Bachelor of Science - School of Natural Science
- Coding Technology - Certificate - School of Natural Science
- Communication - Bachelor of Arts - School of Arts and Letters
- Communication - Minor
- Communication Theatre - Minor
- Computer Science - Bachelor of Science - School of Natural Science
- Computer Science - Minor
- Conflict Analysis and Resolution - Certificate - School of Social Science
- Conflict Analysis and Resolution - Post-Baccalaureate Certificate - School of Social Science
- Core Competencies - Certificate - School of Arts and Letters
- Creative Writing - Certificate - School of Arts and Letters
- Creative Writing - Minor
- Criminal Justice - Minor
- Criminology and Criminal Justice - Bachelor of Science - School of Social Science
- Diversity and Intercultural Competency - Certificate - School of Social Science
- Diversity and Intercultural Competency - Post-Baccalaureate Certificate - School of Social Science
- Economics - Bachelor of Arts - School of Business
- Economics - Minor
- Economics - Post-Baccalaureate Certificate - School of Business
- Elementary Education - Bachelor of Science - School of Education
- English as a New/Second Language - Minor
- English - Bachelor of Arts - School of Arts and Letters
- Entrepreneurship - Certificate - School of Business
- Entrepreneurship - Post-Baccalaureate Certificate - School of Business
- Entrepreneurship - Minor
- Environmental Chemistry - Minor
- Environmental Science - Certificate - School of Natural Science
- European Affairs - Certificate - School of Social Science
- European Affairs - Post-Baccalaureate Certificate - School of Social Science
- Fine Arts - Bachelor of Arts - School of Arts and Letters
- Fine Arts - Bachelor of Fine Arts - School of Arts and Letters
- Fine Arts - Minor
- French - Bachelor of Arts - School of Arts and Letters
- French - Minor
- General Business - Post-Baccalaureate Certificate - School of Business
- General Studies - Bachelor of General Studies - School of Arts and Letters

Degrees, Minors, and Certificates Listing in Alphabetical Order

- Accounting Minor
- Accounting (Certified Public Accounting) - Post-Baccalaureate Certificate - School of Arts and Letters
- Accounting (Corporate Accounting) - Post-Baccalaureate Certificate - School of Arts and Letters
- Applied Health Science - Bachelor of Science - School of Nursing
- Applied Science - Bachelor of Applied Science - School of Arts and Letters
- Art History - Minor
- Asian Affairs - Certificate - School of Social Science
- Asian Affairs - Post-Baccalaureate Certificate - School of Social Science
- Basic Supervision - Certificate - School of Arts and Letters
- Biology - Bachelor of Arts - School of Natural Science
- Biology - Bachelor of Science - School of Natural Science
- Biology - Minor
- Business Administration - Bachelor of Science - School of Business
- Business - Bachelor of Science - School of Business
- Business - Minor
- Chemistry & Biology - Bachelor of Arts - School of Natural Science
- Chemistry - Bachelor of Arts - School of Natural Science

- Geography - Minor
- Geology - Minor
- Geoscience - Bachelor of Arts - School of Natural Science
- German - Bachelor of Arts - School of Arts and Letters
- German - Minor
- Health and Safety - Minor
- Health Information Administration - Bachelor of Science - School of Natural Science
- Healthcare Documentation - Certificate - School of Natural Science
- History - Bachelor of Arts - School of Social Science
- History - Bachelor of Science - School of Social Science
- History - Minor
- Human Resource Management - Post-Baccalaureate Certificate - School of Business
- Human Resources - Minor
- Individualized Major - Bachelor of Arts - School of Arts and Letters
- Informatics - Bachelor of Science - School of Natural Science
- Informatics - Minor
- Information Technology - Certificate - School of Natural Science
- Interdisciplinary Pre-Law - Minor
- Interdisciplinary Studies - Bachelor of Interdisciplinary Studies - School of Arts and Letters
- International Affairs - Post-Baccalaureate Certificate - School of Social Science
- International Business - Post-Baccalaureate Certificate - School of Business
- International Studies - Bachelor of Arts - School of Social Science
- International Studies - Minor
- Journalism and Media - Bachelor of Arts - School of Social Science
- Journalism and Media - Bachelor of Science - School of Social Science
- Latin American Affairs - Certificate - School of Social Science
- Latin American Affairs - Post-Baccalaureate Certificate - School of Social Science
- Leadership - Certificate - School of Arts and Letters
- Leadership - Minor
- Literature - Minor
- Management - Post-Baccalaureate Certificate - School of Business
- Marketing - Minor
- Marketing - Post-Baccalaureate Certificate - School of Business
- Mathematics - Bachelor of Arts - School of Natural Science
- Mathematics - Bachelor of Science - School of Natural Science
- Mathematics - Minor
- Microbiology - Minor
- Multimedia Journalism - Minor
- Multimedia Production - Certificate - School of Arts and Letters
- Music - Bachelor of Arts - School of Arts and Letters
- Music - Bachelor of Science - School of Arts and Letters
- Music - Minor
- Music Recording and Production - Minor
- Network Technology - Certificate - School of Natural Science
- Neuroscience - Bachelor of Science - School of Social Science
- Nursing - Bachelor of Science - School of Nursing
- Philosophy - Bachelor of Arts - School of Arts and Letters
- Philosophy - Minor
- Physics - Bachelor of Arts - School of Natural Science
- Physics - Minor
- Plant Science - Minor
- Political Science - Bachelor of Arts - School of Social Science
- Political Science - Minor
- Pre-Expressive Therapy - Minor
- Professional Selling - Post-Baccalaureate Certificate - School of Business
- Professional Writing - Certificate - School of Arts and Letters
- Professional Writing - Minor
- Psychology - Bachelor of Arts - School of Social Science
- Psychology - Bachelor of Science - School of Social Science
- Psychology - Minor
- Public Relations - Minor
- Public Sector Management - Certificate - School of Social Science
- Public Sector Management - Post-Baccalaureate Certificate - School of Social Science
- Recreation - Minor
- Religion Studies - Minor
- Sales - Minor
- Second Language Competency - Certificate - School of Arts and Letters
- Secondary Education - Bachelor of Science - School of Education
- Secondary Education - Minor
- Social Science - Bachelor of Arts - School of Social Science
- Social Science - Bachelor of Science - School of Social Science
- Sociology - Bachelor of Arts - School of Social Science
- Sociology - Bachelor of Science - School of Social Science
- Spanish - Bachelor of Arts - School of Arts and Letters
- Spanish - Minor
- Special Education - Bachelor of Science - School of Education
- Strategic Communication - Minor
- Studio Art - Minor
- Supervision - Minor
- Supply Chain and Information Management - Post-Baccalaureate Certificate - School of Business

- Sustainability & Regeneration - Bachelor of Arts - School of Natural Science
- Sustainability & Regeneration - Bachelor of Science - School of Natural Science
- Sustainability - Certificate - School of Natural Science
- Sustainability and Regeneration - Minor
- Web Programming - Certificate - School of Natural Science
- Women's and Gender Studies - Certificate - School of Arts and Letters
- Women's and Gender Studies - Minor
- Writing - Minor

School of Arts & Letters

Undergraduate Programs

- Applied Science (Bachelor of Applied Science)
- Communication (Bachelor of Arts)
 - Includes Theatre
- English (Bachelor of Arts)
- Fine Arts (Bachelor of Arts)
- Fine Arts (Bachelor of Fine Arts)
- French (Bachelor of Arts)
- General Studies (Bachelor of General Studies)
- German (Bachelor of Arts)
- Individualized Major (Bachelor of Arts)
- Interdisciplinary Studies (Bachelor of Interdisciplinary Studies)
- Music (Bachelor of Arts)
- Music (Bachelor of Science)
- Philosophy (Bachelor of Arts)
- Spanish (Bachelor of Arts)

Undergraduate Certificates

- Certificate in Basic Supervision
- Certificate in Core Competencies
- Certificate in Creative Writing
- Certificate in Leadership
- Certificate in Multimedia Production
- Certificate in Professional Writing
- Certificate in Second Language Competency
- Certificate in Women's & Gender Studies

Undergraduate Minors

- Minor in Art History
- Minor in Communication
- Minor in Communication Theatre
- Minor in Creative Writing
- Minor in Fine Arts
- Minor in French
- Minor in German
- Minor in Leadership
- Minor in Literature
- Minor in Music
- Minor in Music Recording and Production
- Minor in Philosophy
- Minor in Professional Writing
- Minor in Recreation

- Minor in Religious Studies
- Minor in Spanish
- Minor in Strategic Communication
- Minor in Studio Art
- Minor in Supervision
- Minor in Women's & Gender Studies
- Minor in Writing

School of Business

Undergraduate Programs

- Business Administration (Bachelor of Science) - Online
- Business (Bachelor of Science)
- Economics (Bachelor of Arts)

Postbaccalaureate Certificates

- Post-Baccalaureate Certificate in Accounting
 - Certified Public Accounting
 - Corporate Accounting
- Post-Baccalaureate Certificate in Economics
- Post-Baccalaureate Certificate in Entrepreneurship
- Post-Baccalaureate Certificate in Finance
- Post-Baccalaureate Certificate in General Business
- Post-Baccalaureate Certificate in Human Resources Management
- Post-Baccalaureate Certificate in International Business
- Post-Baccalaureate Certificate in Management
- Post-Baccalaureate Certificate in Marketing
- Post-Baccalaureate Certificate in Professional Selling
- Post-Baccalaureate Certificate in Supply Chain and Information Management

Undergraduate Certificates

- Certificate in Entrepreneurship

Undergraduate Minors

- Minor in Accounting
- Minor in Business
- Minor in Business Analytics (for Business majors)
- Minor in Business Data Analytics (for non-Business majors)
- Minor in Economics
- Minor in Entrepreneurship (for Business majors)
- Minor in Entrepreneurship (for non-Business majors)
- Minor in Health & Safety
- Minor in Human Resources
- Minor in Marketing
- Minor in Sales

School of Education

Undergraduate Programs

- Dual Major Elementary & Special Education (Bachelor of Science)
- Elementary Education (Bachelor of Science)
- Secondary Education (Bachelor of Science)
- Special Education (Bachelor of Science)

Undergraduate Minors

- Minor in English as a New/Second Language
- Minor in Secondary Education

School of Natural Sciences

Undergraduate Programs

- Biology (Bachelor of Arts)
- Biology (Bachelor of Science)
- Chemistry & Biology (Bachelor of Arts)
- Chemistry (Bachelor of Arts)
- Chemistry (Bachelor of Science)
- Clinical Laboratory Science (Bachelor of Science)
- Computer Science (Bachelor of Science)
- Geoscience (Bachelor of Arts)
- Health Information Administration (Bachelor of Science)
- Informatics (Bachelor of Science)
- Informatics (Bachelor of Science) - Online
- Mathematics (Bachelor of Arts)
- Mathematics (Bachelor of Science)
- Physics (Bachelor of Arts)
- Sustainability & Regeneration (Bachelor of Arts)
- Sustainability & Regeneration (Bachelor of Science)

Undergraduate Certificates

- Certificate in Coding (Medical)
- Certificate in Environmental Science
- Certificate in Information Technology
- Certificate in Healthcare Documentation
- Certificate in Network Technology
- Certificate in Sustainability
- Certificate in Web Programming

Undergraduate Minors

- Biology Minor
- Chemistry Minor
- Computer Science Minor
- Environmental Chemistry Minor
- Geography Minor
- Geology Minor
- Geosciences Minor
- Informatics Minor
- Mathematics Minor
- Microbiology Minor
- Physics Minor
- Plant Sciences Minor
- Sustainability and Regeneration Minor

School of Nursing

Bachelor's Degree

- Applied Health Science (Bachelor of Science)
- Nursing (Bachelor of Science)
- Nursing (RN-BSN)

School of Social Sciences

Undergraduate Programs

- Criminology and Criminal Justice (Bachelor of Science)
- History (Bachelor of Arts)
- History (Bachelor of Arts) - Online
- History (Bachelor of Science)
- International Studies (Bachelor of Arts)
- Journalism and Media (Bachelor of Arts)
- Journalism and Media (Bachelor of Science)
- Neuroscience (Bachelor of Science)
- Political Science (Bachelor of Arts)
- Psychology (Bachelor of Arts)
- Psychology (Bachelor of Science)
- Social Sciences (Bachelor of Arts)
- Social Sciences (Bachelor of Science)
- Sociology (Bachelor of Arts)
- Sociology (Bachelor of Science)

Post-Baccalaureate Certificates

- Post-Baccalaureate Certificate in Asian Affairs
- Post-Baccalaureate Certificate in Conflict Analysis and Resolution
- Post-Baccalaureate Certificate in Diversity and Intercultural Competency
- Post-Baccalaureate Certificate in European Affairs
- Post-Baccalaureate Certificate in International Affairs
- Post-Baccalaureate Certificate in Latin American Affairs
- Post-Baccalaureate Certificate in Public Sector Management

Undergraduate Certificates

- Certificate in Asian Affairs
- Certificate in Conflict Analysis and Resolution
- Certificate in Diversity and Intercultural Competency
- Certificate in European Affairs
- Certificate in Latin American Affairs
- Certificate in Public Sector Management

Undergraduate Minors

- Minor in Criminal Justice
- Minor in History
- Minor in International Studies
- Minor in Multimedia Journalism
- Minor in Political Science
- Minor in Pre-Expressive Therapy
- Minor in Interdisciplinary Pre-Law
- Minor in Public Relations
- Minor in Psychology
- Minor in Sociology

Purdue College of Technology

Bachelor's Degrees

Bachelor of Science

- Computer Graphics Technology Major
- Electrical Engineering Technology Major
- Mechanical Engineering Technology Major
- Organizational Leadership and Supervision Major

Honors Program

Rebekah Dement, Ph.D., Interim Director

Knobview Hall 235 A-C

Phone: (812) 941-2196

Web site: www.ius.edu/honors-program/

Motto: Excellence. Ambition. Camaraderie

- About the Honors Program
- What Advantages Does the Honors Program Offer to Its Students?
- What Are the Requirements for Successful Completion of the Honors Program?
- How Does One Join the Honors Program?

About the Honors Program

The Honors Program is designed to serve the needs and interests of students who seek a stimulating academic experience and formal recognition for completing a challenging program. We invite applications from intellectually curious and motivated students eager to supplement their undergraduate experience in the following ways:

- Courses designed to challenge (but not overwhelm) students with subjects and activities from a variety of disciplines
- Social, conference, and service activities to develop academic and personal strengths
- An understanding that Honors students, faculty, and staff are not perfect—but all are willing and eager to challenge and better themselves
- Mentorship from faculty and colleagues to explore a range of topics

Honors courses explore important topics in depth, through a multi-disciplinary approach. The pace of the courses, and the level and quality of work expected of students, requires that participants be self-motivated and that they exercise good time-management skills; however, the small size of each Honors class (fewer than 15 students per section) insures group discussion, interaction with the instructor, and focused guidance and support of each student's academic goals.

In addition to taking Honors classes, members of the Honors Program participate in various co-curricular activities, including group projects, attending cultural events, and participating in the Midwest Honors Association (MEHA) Conference, which occurs each spring semester.

For more information, please contact the Honors Program at iushp@ius.edu. The Honors Program telephone number is (812) 941-2196.

What Advantages Does the Honors Program Offer to Its Students?

In addition to offering intellectual challenges and a sense of community to participants, Indiana University Southeast's Honors Program offers these more concrete incentives and advantages:

1. No additional costs or fees to participate
2. Priority consideration for Chancellor's Honors Program Scholarships
3. Priority course registration
4. Individualized guidance to build on existing skills and to address challenges

5. Research, service, and conference presentation opportunities
6. Guidance and support in studying abroad, obtaining internships, and applying to graduate programs
7. The chance to make a positive difference in the educational experience of other IU Southeast students

What Are the Requirements for Successful Completion of the Honors Program?

We welcome students at any stage in their academic career, and students will select and complete one of two available tiers. **Tier One** is designed for students joining the Program within the first year of the undergraduate experience; it provides detailed, personalized guidance on foundational skills which will benefit students throughout their undergraduate careers. Students completing Tier One (thus earning the University Honors Minor designation) are asked to maintain a cumulative grade point average of at least 3.4, and they will fulfill the following:

Tier One (University Honors Minor):

General Requirements:

1. Presentation of Project
2. Development and Maintenance of an Electronic Portfolio
3. Completion of a Service Learning Project
4. Consistent Career Readiness Progress
5. Consistent Participation in Honors Events and Activities

Course Requirements:

1. Successful completion of the Honors Introductory Seminar Sequence: HON-H103 (offered each fall) and HON-H104 (offered each spring). These seminars address several of the core Honors Learning Objectives, including Oral Communication, Written Communication, Service Learning, and Project Management.
2. Successful completion of at least two more multidisciplinary Honors courses (HON-H306, HON-H307, or an approved Honors contract course).

Tier Two is designed for students already established in the undergraduate journeys. While individualized guidance is a hallmark of the Honors Program, Tier Two Honors courses require students to have a working knowledge of undergraduate research, writing, and related skills. Students completing Tier Two (thus earning the University Honors Scholar designation) are asked to maintain a cumulative grade point average of at least 3.4, and they will fulfill the following:

Tier Two (University Honors Scholar):

General Requirements:

1. Presentation of Project
2. Development and Maintenance of an Electronic Portfolio
3. Completion of a Service Learning Project
4. Consistent Career Readiness Progress

5. Consistent Participation in Honors Events and Activities

Course Requirements:

1. Successful completion of at least two multidisciplinary Honors courses (HON-H306, HON-H307, or an approved Honors contract course). Students may take any combination of 300-level courses they like: students should enroll in courses that fit their intellectual interests and scheduling needs.
2. Successful completion of an independently selected Honors project, which may be research-based, service-based, or any combination thereof. Students may enroll in HON-H495, an independent study course repeatable for up to 4 credit hours.

Students completing both Tier One and Tier Two of the Program will earn the **University Honors Fellow** designation, a unique distinction for exceptionally motivated students.

Additional information about Honors requirements may be obtained by contacting the Honors Program at iushp@ius.edu or 812-941-2196. You may also visit the "Frequently Asked Questions" page of our website.

How Does One Join the Honors Program?

Applications to the Honors Program are considered year-round, but we encourage interested students to apply at the earliest convenience, as many Honors privileges (including priority registration and priority scholarship consideration) are time-sensitive.

Prospective first-year college students may complete an application for Tier One of the Honors Program upon admission to Indiana University Southeast. While these applications are considered year-round, we encourage first-year students to submit their applications the semester prior to their first semester (for instance: a student entering in Fall 2020 should submit an application in Spring 2020).

Current and transferring students may apply for admission to the Program at any time. While many current or transferring students apply for Tier Two of the Program, those students with fewer than 30 credit hours behind them may well find it worthwhile to apply for Tier One. As with Tier One students, applications are considered year-round.

Any student wishing to join the Honors Program should complete an application. In addition to the application, students should submit the following:

- Three [references](#), to be completed by an instructor, employer, mentor, coach, or other individual capable of speaking to the student's strengths. References may certainly include a letter of recommendation, but the completed reference form must accompany the letter.
- A brief essay that will serve as an introduction to the Honors Council. There are essay prompts on the application form.
- Copies of recent transcripts (for continuing and transfer students only).
- Any other pertinent materials which you feel the Honors Council should review.

All application materials can be found under Prospective Students tab on the Honors Program website. Application materials may be submitted via email to iushp@ius.edu or via postal mail to the following address:

IU Southeast Honors Program 4201 Grant Line Road New Albany, IN 47150

What happens after I apply?

Once all application materials are received, the Honors Council, which is comprised of faculty representatives from each school on campus, will review your application.

Council Members generally post their decisions within two weeks of receiving a completed application. If you are accepted into the Program, you will be asked to confirm your acceptance. Once you have confirmed your place, you will be considered for a Chancellor's Honors Program Scholarship.

Scholastic Awards

Chancellor's List

Students carrying 12 or more graded credit hours in one semester who earn a 4.0 grade point average (GPA) are placed on the Chancellor's List. Students carrying 6 or more graded credits in both of two consecutive semesters who earn a 4.0 GPA are also placed on the Chancellor's List.

Dean's List

Students carrying 12 or more graded credit hours in one semester who earn a 3.50 to 3.99 grade point average (GPA) are placed on the Dean's List. Students carrying 6 or more graded credits in both of two consecutive semesters who earn a 3.50 to 3.99 GPA are also placed on the Dean's List.

Honor Societies

Students at Indiana University Southeast may also achieve membership in one or more honor societies. The following national honor societies have chapters on campus. For education majors—Kappa Delta Pi, Phi Delta Kappa, and Pi Lambda Theta; nursing majors—Sigma Theta Tau; psychology majors—Psi Chi; business majors—Beta Gamma Sigma; adult students—Pinnacle; leadership honor society for juniors—Omicron Delta Kappa; and all majors—Phi Eta Sigma and Alpha Chi. The Campus Life Office annually compiles a list of current officers and advisors, from whom more information is available.

Graduation with Distinction

Indiana University Southeast recognizes outstanding academic performance by awarding associate and bachelor's degrees with three levels of distinction: highest distinction, high distinction, and distinction. Associate degree candidates must have completed at least half of the credit hours required for their degrees at Indiana University, and bachelor's degree candidates must have completed a minimum of 60 credit hours at Indiana University, to be eligible to graduate with distinction. In addition, students must satisfy the following requirements.

To receive academic distinction, degree candidates must rank among the top 10 percent of their graduating class in each of the separate degree categories (e.g., Bachelor

of Arts, Bachelor of General Studies, Bachelor of Science in Business). Degree candidates must also meet the following GPA requirements:

- Highest Distinction - 3.95 GPA or higher
- High Distinction - 3.80 GPA to 3.94 GPA
- Distinction - 3.60 GPA to 3.79 GPA

The university provides an honor cord to wear at Commencement to each candidate expected to graduate with academic distinction. The certification of degree candidates who graduate with academic distinction is done by the student's academic unit. Final academic distinction is determined upon review of final grades and the determination of the ranking among the top 10 percent of the graduates in their respective degrees. This process is completed a few weeks after Commencement in May and after the degree-granting dates in August and December. Thus the wearing of an honor cord during Commencement does not automatically guarantee the awarding of degree honors.

When degree candidates are awarded their degrees with distinction, it will be noted on their academic record and diploma by the Office of the Registrar.

Student's Responsibility

Certain basic requirements apply to all degrees. These include a minimum number of credit hours, a minimum grade point average, a minimum residence requirement, course distribution requirements, a concentration or major, and certain specific skills courses (such as writing, mathematics, and foreign language).

Advisors and school or division deans will help students understand these requirements, but students alone are responsible for fulfilling them. The Academic Advisement Report (AAR), Indiana University's computerized advising record, and individual Degree Maps are available to assist students in understanding how and where courses fit in each academic program. Academic Advisement Reports and Degree Maps can be accessed through One.iu.edu.

At the end of a student's course of study, the faculty and Board of Trustees vote upon conferral of the degree. If requirements have not been satisfied, the degree will be withheld pending fulfillment of all requirements. For this reason, it is important for students to acquaint themselves with all regulations and remain informed throughout their college careers.

Academic Advising

Entering students are assigned professional advisors based on his/her intended major. Exploratory students, or students without a declared major, are assigned to advisors who are knowledgeable about a variety of majors and can help guide the decision making process. During peak advising loads like pre-registration, students are invited to make their appointments early to ensure getting in to the classes they need.

Academic advising is a shared responsibility between the student and the advisor. Students are expected to be prepared for their advising appointment by selecting a tentative schedule of classes to discuss with his/her advisor. Advisors will provide accurate and timely information to students to help them explore life, careers, and academic plans and goals.

Your Student Center at one.iu.edu allows you to access your student records online. You can look up course offerings, check your schedule, look up your grades, print an unofficial transcript, monitor your progress in fulfilling degree requirements, check your bursar account, look up your financial aid, or change your address.

Two-tier Advising

- Professional Advisors
- Faculty Advisors

On-line Tools

- Academic Advisement Report (AAR), including What-if AAR
- Degree Maps
- Student Planner

More information regarding advising can be found at <http://www.ius.edu/advising/>.

Graduate Studies

A student planning to complete one of the master's degrees offered by Indiana University Southeast must apply for and be accepted into the desired graduate program. Information can be secured at the appropriate office. Other students wishing to register for graduate courses at Indiana University Southeast must have their admission cleared in advance with the dean of the school in which they may wish to earn their degrees. If students register for graduate credit without the approval of their school, they do so without the assurance that credit for such work may be applied toward fulfilling requirements for an advanced degree. Note that it is Indiana University policy to assess graduate fees for all courses in which a graduate student enrolls, regardless of the level of the course.

Master Programs Business

- Master of Business Administration
- Master of Science in Management
- Master of Science in Strategic Finance

Education

- Master of Science in Education - Major in Elementary Education
- Master of Science in Education - Major in Secondary Education
- Master of Science in Education - Major in Counseling

Nursing

- Master of Science in Nursing

Social Sciences

- Master of Science in Criminal Justice and Public Policy
- Master of Interdisciplinary Studies
- Master of Arts in Mental Health Counseling

Graduate Certificates

- Digital Media
- Interdisciplinary Studies
- Organizational Leadership

- Modern World History
- Program Leadership and Evaluation
- Reading

School of Arts and Letters

School of Arts and Letters

Dean: Jim Hesselman
 Campus Office: KV 110M
 Telephone: (812) 941-2227
 Fax: (812) 941-2529
<https://www.ius.edu/arts-and-letters/>

Programs

Non-Credit Programs

- The Arts Institute

School Information

- Mission Statement and Vision Statement

Mission Statement

Mission Statement

Pursuing enlightenment and creativity . . .

The School of Arts and Letters exists to foster the intellectual, creative, and personal growth of its students through courses in the humanities. We encourage our students to dream, to think critically, creatively, and insightfully, and to engage in their own lives, their communities and the world. Within our individual academic disciplines, we seek to create learning communities that will inspire and equip students to become the best, most independent, confident, and competent people they can be.

The mission of the faculty of the School of Arts and Letters is to develop in each student cognitive and creative language and artistic skills that allow for human thought and communication in the expression of ideas, emotions, and aesthetics. We believe that students more fully develop their own aesthetic and intellectual voice by knowing and experiencing the perspectives and values of others. These goals involve crossing cultural, philosophical, and artistic boundaries. As faculty and students, we seek to understand ourselves and others through our individual creative works and ideas as we become agents of our own lives.

It is clear to us that the intellectual, creative, and personal growth of each student benefits the faculty, staff, students, campus and local communities, and the world at large. Through our teaching, research, creativity, and service, we are committed to giving our students the tools to be informed citizens in a global society guided by democratic principles, as well as to succeed professionally. With this in mind, we seek to stimulate rather than suppress, challenge rather than confirm, create rather than imitate.

Vision Statement

The School of Arts and Letters is actively committed to sustaining the excellence of our programs. We further commit ourselves to make them flexible, versatile, and comprehensive in order to meet the needs of our students. We will continue to recruit and retain students and to enhance their progress toward graduation and their

success in employment, further study, and life. Affirming the importance of intellectual inquiry as a shared pursuit, we will also seek to enhance our collaborative efforts, reaching out more effectively to others, including our own school members, as well as our alumni, the campus, and the community. Our dean, coordinators, faculty, and staff will continue to work together consistently and conscientiously to examine our plans, methods, and strategies. In the spirit of this self-examination, we will position our assessment within the framework of the larger academic community.

The School of Arts and Letters Admission Requirements

Completion of 12 credit hours with a minimum 2.3 GPA, completion of ENG-W 131 with a C or better, and completion of the First Year Seminar.

Applied Science

If you have an Associate of Applied Science degree and want to advance your career, the Bachelor of Applied Science from Indiana University Southeast can help you achieve your goals. To get your B.A.S., you transfer 60 to 64 credit hours from your A.A.S. to Indiana University. You then complete 60 credit hours of courses from IU.

In order to make the degree as flexible as possible, the B.A.S. can be completed on campus, online, or in some combination of both. Indiana University is able to offer this feature to B.A.S. students because the program is a combined program that is taught jointly by faculty at IU Southeast, IU South Bend, IU East, IU Northwest and IU Kokomo.

Contact Information

Arts and Letters Office: (812) 941-2342
 Website: <https://www.ius.edu/applied-science/>

Academics

Undergraduate Degrees

- Bachelor of Applied Science

Bachelor of Applied Science (BAS)

The BAS is a Bachelor's degree completion program for students who have graduated with Associate of Applied Science (AAS) degrees. AAS degrees have traditionally been considered to be non-transferable to B.S. or B.A. degrees, and individuals wishing to attain a baccalaureate degree often lost most of their credits. The BAS degree provides a pathway for these individuals to attain a bachelor's degree in two years (56-60 credit hours).

This degree aligns well with the missions of the regional campuses of Indiana University: to promote educational attainment and economic development in our regions. By providing a pathway to a high-quality bachelor's degree for an underserved population-AAS degree holders who wish to earn a bachelor's degree to advance their careers-this degree promotes educational attainment and economic development in our regions. The degree is designed to articulate seamlessly, in a 2+2 model, with a variety of AAS degrees from Ivy Tech Community College, Jefferson Community and Technical Colleges, and Vincennes University.

The BAS degree is proposed as a joint degree program by all five IU-managed regional campuses. By design,

this joint program provides efficiencies of scale while maintaining the unique characteristics of the regional campuses.

The BAS is a nationally-recognized degree which is available in many states. Some public institutions which offer this degree include the University of Minnesota, Arizona State University, Missouri State University, and the University of Texas- San Antonio.

The BAS degree can be oriented toward several specific career fields, such as hospital administration, general supervision or entry-level management, and some human resources functions. Because of this degree's flexibility, it tracks into approximately 34 occupations that can be grouped into three occupational clusters-a specialty business cluster, a supervisory cluster, and a management cluster.

This degree is not intended to prepare students for graduate study. The purpose of this degree is to enable AAS degree-holders to earn a bachelor's degree, in a reasonable amount of time that builds on their technical background and provides the knowledge and skills needed to advance in their careers.

This **BAS degree has three tracks:**

- Health Care Management
- Individualized
- Sustainability

Students in the Health Care track might be employed, for example, as a Medical and Health Services Manager. Students in the Individualized Track are expected to pursue advancement with their current employers, or to seek employment in the specialty business, supervisory, or management occupations. Students in the Sustainability Track are interested in a career in areas such as environmental planning and coordination, environmental education and communications, sustainability coordination or consulting in the private or public sector, green design, environmental law or public affairs, or graduate study.

The BAS degree is a 2 + 2 degree, articulating with AAS degrees granted by Ivy Tech and other two year institutions. Students may apply 60-64 credits from their Ivy Tech AAS degrees to the BAS degree. Students will take 60 credit hours in the BAS at Indiana University: 30 credit hours of general education, 18 hours in the BAS Core, and 12 hours in a specialty track (Health Management or Individualized).

This is a joint degree to be offered by all five regional campuses of IU. A faculty team, with representation from each campus, developed the shared curricular framework for this degree. The joint degree format permits the campuses to share faculty resources and thereby provide educational opportunities to students in their regions that those students might not otherwise have. Students may take BAS courses from any of the five campuses and have those courses apply to their BAS degree at their home campus.

Credit Hours Required/Time to Complete

This is a 120 credit hour program. Students entering the program will transfer in 60-64 credit hours from their AAS degrees. Therefore, full-time students are expected

to complete the degree in two academic years (four semesters).

BAS Core (required) - 18 hours

Dept.	Course Number	Title	Credit Hours	Minimum Grade
Student must take one of the following:				
BUS-A	200	Foundations of Accounting	3	C
BUS-A	201	Intro to Financial Accounting	3	C
BUS-A	202	Intro to Managerial Accounting	3	C
Student must take one of the following:				
ECON-E	101	Survey of Economics Issues & Problems (or other approved course)	3	C
ECON-E	103	Intro to Microeconomics	3	C
ECON-E	104	Intro to Macroeconomics	3	C
BUS-G	300	Intro to Managerial Economics and Strat.	3	C
POLS-Y	359	Economics and Public Management	3	C
Students must take one of the following:				
BUS-J	404	Business and Society	3	C
BUS-D	301	The International Business Environment	3	C
POLS-Y	379	Ethics and Public Policy	3	C
POLS-Y	403	Legal Issues in Public Bureaucracy	3	C
PHIL-P	306	Business Ethics	3	C
PHIL-P	393	Biomedical Ethics	3	C
HIST-B	391	Themes in World History	3	C
HIST-G	369	Modern Japan	3	C
HIST-G	385	Modern China	3	C

HIST-G	387	Contemporary China	3	C
HIST-G	410	China, Japan, & US in the 20th and 21st Century	3	C
Students must take one of the following:				
BUS-Z	300	Organizational Behavior & Leadership	3	C
BUS-Z	301	Organizational Behavior & Leadership	3	C
BUS-Z	302	Managing 3 and Behavior in Organizations	3	C
BUS-Z	440	Personnel- 3 Human Management	3	C
BUS-W	301	Management & Organization Theory	3	C
POLS-Y	358	Human 3 Behavior & Public Organizations	3	C
POLS-Y	387	Public 3 Personnel Management	3	C
Students must take one of the following:				
BUS-M	300	Introduction3 to Marketing (or any other 300/400 level approved course)	3	C
BUS-M	301	Introduction3 to Marketing Management	3	C
Students must take one of the following:				
SPCH-C	427	Cross- 3 Cultural Communication	3	C
SPCH-S	427	Cross- 3 Cultural Communication	3	C
SPCH-C	380	Organizational Communication	3	C
SPCH-S	440	Organizational Communication	3	C
CMCL-C	440	Organizational Communication	3	C

BAS Track (one required) - 12 hours

Students must select one of the following tracks:

- Health Care Management
- Individualized
- Sustainability

Electives

Courses counted toward the concentration must be taken for a letter grade. Students must maintain an overall GPA of 2.0 or higher. As per IU campus policy, at least 30 hours must be at the 300 level or higher.

Please contact the School of Arts and Letters Academic Advising Office or Advisors for more information and/or a personal one-on-one visit!

BAS - Health Care Management Track

The **Health Care Management track** is designed to appeal to individuals who hold an AAS degree in one of the many health care fields (such as Medical Assisting, Health Care Support, Paramedic Science, and Medical Laboratory Technology).

In this track, students take courses that meet three of the first four learning outcomes (3 courses/9 credit hours), plus the capstone course for a total of 4 courses/12 credit hours. The capstone course meets all five learning outcomes in this track. Students may use either of the two listed courses to satisfy the capstone requirement.

1. Compare and contrast the U.S. health-care system, including reimbursement, with other systems around the world.

Dept.	Course Number	Title	Credit Hours	Minimum Grade
PAHM-H	320	Health Systems Administration	3	C
SPEA-H	320	Health Systems Administration	3	C
SPEA-V	450	Medical Ethics	3	C
AHLT-H	415	Global Child and Adolescent Health	3	C
BUS-H	320	Systems of Health Care Delivery	3	C
BUS-A	202	Intro to Managerial Accounting	3	C

2. Demonstrate an understanding of the ethical, legal, financial, and political factors that influence the provision of health services in the U.S.

Dept.	Course Number	Title	Credit Hours	Minimum Grade
SPEA-H	452	Health Disparities	3	C

PAHM-H	441	Legal Aspects of Health Care	3	C
SPEA-H	441	Legal Aspects of Health Care	3	C
AHLT-W	314	Ethics for Health Professionals	3	C
PAHM-H	474	Health Administration and Policy	3	C
BUS-H	411	Management of Long-Term Care Facilities	3	C
BUS-H	402	Hospital Organization and Management	3	C
BUS-H	352	Health Care Financial Management	3	C

3. Evaluate access to and cost of US health care, including reimbursement practices, for different types of care

Dept.	Course Number	Title	Credit Hours	Minimum Grade
HPER-H	315	Consumer Health	3	C
PAHM-H	354	Economics of Health Care	3	C
BUS-H	354	Economics of Health Care	3	C
PAHM-H	352	Health Finance and Budgeting	3	C
BUS-D	300	International Business Administration	3	C

4. Effectively assess and implement improvements in clinical care, customer service, and human resource planning in a health care setting.

Dept.	Course Number	Title	Credit Hours	Minimum Grade
SPEA-H	322	Principles of Epidemiology	3	C
AHLT-B	371	HR Management in Health Care Facilities	3	C

SPEA-H	371	HR Management in Health Care Facilities	3	C
SPEA-H	402	Hospital Administration	3	C
AHLT-M	366	Leadership for Health Professionals	3	C
PAHM-H	401	Strategic Planning for Health Care Organizations	3	C
BUS-W	301	Principles of Management	3	C
BUS-Z	440	Personnel - Human Resources Management	3	C

5. (Capstone) Integrate knowledge and skills and apply to health management issues or challenges.

Dept.	Course Number	Title	Credit Hours	Minimum Grade
AHLT-B	499	Health Management Capstone	3	C
SPEA-H	474	Health Capstone	3	C
BUS-M	301	Introduction to Marketing Management	3	C

BAS - Individualized Track

The **Individualized track** is a highly flexible track designed to meet the needs of many different AAS degree holders. For example, a student with an AAS in Criminal Justice who wants to advance his or her career in criminal justice might design a track to include upper-division courses in Criminal Justice, Public Affairs, or (if he or she works with youth offenders and their families) Sociology and Psychology. A student with an AAS in Design Technology who wishes to change careers might select courses in web development and graphic design. A student with an AAS in Advanced Manufacturing who has a goal of becoming a supervisor or manager might choose courses emphasizing human resource development, communication, and other management skills.

In this track, students select 12 hours of courses based on their individual interests, backgrounds, and needs. One of these courses will be a required capstone course. The learning outcomes for this track are as follows:

1. Demonstrate the ability to think critically in the fields studied.
2. Effectively present central ideas, issues, and methods of inquiry specific to the fields studied.

3. Apply knowledge and skills from general education, the BAS core, and the Individualized Track to issues or challenges in their area of technical expertise.

In this track, students select 12 hours of courses based on their individual interests, backgrounds, and needs. One of these courses will be a required capstone course.

BAS - Sustainability Track

The study of sustainability bridges the arts and humanities, social science, and the physical and life sciences. The **Sustainability track** will provide you with a broad introduction to the complex system-scale challenges of sustainability, as well as the tools needed to address problems that transcend solely social or environmental domains.

The Sustainability track attracts students from a variety of backgrounds and interests. They typically have some of the following qualities:

- Interest in sustainability, human-environment interaction, sustainable food systems, and/or environmental ethics.
- Desire to take courses from the arts and humanities, social sciences, and physical and life sciences.
- Interest in a career in areas such as environmental planning and coordination, environmental education and communications, sustainability coordination and consulting in the private or public sector, green design, environmental law or public affairs, or graduate study.
- Desire to help make the world a better place.

*The Sustainability Studies faculty strongly recommends that students take **SUST-S 201 Foundations of Sustainability (online)** before they begin this track.*

Students must take three courses from Category 1, with at least one course from "A. Sciences" and one from "B. Social sciences, Humanities, and Other" designations. Students must also take one course from Category 2.

Category 1: Sustainability Courses

A. Sciences

Dept.	Course Number	Title	Credit Hours	Minimum Grade
AHLT-H	331	Environmental Health (online)	3	C
GEOG-G	315	Environmental Conservation (online)	3	C
GEOG-G	338	Geographic Information Systems (online)	3	C
GEOG-G	400	Energy: Sources and Needs (online)	3	C
GEOG-G	476	Climate Change Science (online)	3	C

PLSC-B	364	Summer Flowering Plants (online)	3	C
SUST-S	360	Topics in Sustainability Studies: Geographic Information Systems (GIS) (online)	3	C
SUST-S	400	Energy: Sources and Needs (online)	3	C
CHEM-C	390	Special Topics: Environmental Science (hybrid accelerated)	3	C
GEOL-G	300	Environmental and Urban Geology (hybrid accelerated)	3	C
GEOG-G	315	Environmental Conservation (hybrid accelerated)	3	C
BIOL-B	355	Plant Diversity	3	C
BIOL-N	390	The Natural World, VT: Environmental Biology	3	C
CHEM-C	300	Energy and Green Chemistry	3	C
CHEM-C	303	Environmental Chemistry	3	C
GEOL-N	390	The Natural World VT: Natural Hazards and Disasters	3	C
GEOL-T	326	Mineral Resources	3	C

B. Social Sciences, Humanities, and Other

Dept.	Course Number	Title	Credit Hours	Minimum Grade
BUS-B	399	Business and Society (online)	3	C
GEOG-G	306	Geography of Current Issues on	3	C

		the African Continent (online)			SOC-B	399	Human Behavior and Social Institutions VT: Sustainable Communities	3	C
GEOG-G	388	Geographic Information Systems (online)		C					
PHIL-P	306	Business Ethics (online)	3	C	SOC-S	305	Population and Human Ecology	3	C
POLS-Y	308	Urban Politics (online)	3	C	SOC-S	360	Topics in Social Policy	3	C
POLS-Y	313	Environmental Policy		C	SOC-S	385	Human Trafficking, Human Rights and Sustainability	3	C
POLS-Y	346	Politics of the Developing World (online)	3	C	SOC-S	419	Social Movements and Collective Action	3	C
POLS-Y	377	Globalization (online)	3	C	SUST-S	360	Topics in Sustainability Studies: The Art of Sustainability	3	C
SOC-S	308	Global Society (online)	3	C	SUST-S	361	Sustainability Abroad		C
SOC-S	360	Special Topics in Social Policy	3	C	SUST-S	411	Sustainability, Innovation, and Entrepreneurs		C
SUST-B	399	Human Behavior and Social Institutions VT: Just Food: Sustainable Food Systems (online)	3	C	SUST-S	460	Strategies for Transformative Leadership and Community Engagement	3	C
PHIL-T	390	Literary and Intellectual Traditions, VT Environmental Philosophy (hybrid)	3	C	WGS-T	390	Literary and Intellectual Traditions, VT: Women and Sustainability	3	C
AHLT-N	378	Global Nutrition	3	C					
FINA-A	399	Art, Aesthetics, and Creativity, VT: The Modern City	3	C					
PHIL-P	383	Topics in Philosophy, VT: Philosophical Topics in Evolution	3	C					

Category 2: Capstone Experience

Dept.	Course Number	Title	Credit Hours	Minimum Grade
SPEA-E	400	Environmental Planning for a Green Economy (online)		C
SPEA-V	450	Sustainability Management		C

		and Policy (online)		
SPEA-E	400	Environmental		C
SPEA-V	450	Crimes (online)		
SUST-S	490	Sustainability Practicum (online)		C
SUST-S	491	Internship 3 in Sustainability (online)		C
SUST-S	495	Directed 3 Readings in Sustainability (online)		C
SUST-S	496	Research 3 in Sustainability (online)		C
GEOL-G	420	U.S. 3		C
GEOL-G	421	Geology: Field Experience (travel course)		

- Minimum Grade of C in each required class
- Cumulative Grade Point Average (GPA) of 2.0 to earn the credential

First Semester

- Written Communication: ENG-W 131 reading, Writing and Inquiry I (3 cr.)
- Oral Communication: SPCH-S 121 Public Speaking (3 cr.)
- Quantitative Reasoning: MATH-M 110 Excursion in Mathematics (3 cr.)

Second Semester

- Ways of Knowing in Social and Behavioral Sciences: Select from [approved list](#). (3 cr)
- Ways of Knowing in Natural and Physical Sciences with Lab: Select from [approved list](#) (5 cr.)
- Ways of Knowing in Arts and Humanities: Select from [approved list](#). (3 cr.)

Third Semester

- Additional Course Social and Behavioral Sciences: Select second course from [approved list](#). (3 cr.)
- Ethics or Diversity: Select from either Ethics or Diversity [approved lists](#) (3 cr.)
- Second Level Written Communication: ENG-W 290 (3 cr.)

Certificate in Core Competencies

Program Description

This 29-credit certificate program is intended as a stepping stone into participation in a degree program, and tracks very closely to the University's General Education requirements, which all students complete. This certificate, plus completion of the 1-credit Freshmen year Seminar (FYS) satisfies the campus General Education, as well as the Indiana Statewide General Education requirements.

Open to all students with a high school diplomas or GED, working adult students will find the scheduling flexibility in combining online, evening, and weekend courses in this program to easier to balance with their other commitments. Going full time, students can complete the certificate in one calendar year. Although it can be completed as a stand-alone credential or as part of another credential, it is not automatically awarded by completing requirements for a major.

The curriculum is organized to deliver basic skills corresponding to the Liberal Education and America's Promise (LEAP) categories, defined by the Association of American Colleges and Universities (AACU):

- Knowledge of Human Cultures and the Physical World
- Intellectual and Practical Skills
- Personal and Social Responsibility
- Integrative and Applied Learning

Certificate Requirements

- Residency: 50% of credits for certificate (15) must be completed at Indiana University.

Communications Studies

According to Forbes magazine, the top skills sought by employers revolve around the ability to communicate effectively. Choose a degree that focuses on the one skill that employers say they need the most, with three options to prepare you for wherever your career path may lead.

Contact Information

Natural Sciences Office: (812) 941-2342

Website: <https://www.ius.edu/communication-studies/>

Academics

Undergraduate Degrees

- Bachelor of Arts
 - Organizational Communication Track
 - Strategic Communication Track
 - Speech Track
 - Theatre and Theatre Business Tracks

Undergraduate Certificates

- Leadership

Minors

- Communication Minor
- Leadership Minor
- Strategic Communication Minor

Communication - Speech Track (Bachelor of Arts)

Mission Statement

The mission of the Department of Communication Studies is to produce student learning and to advance knowledge about human communication from both a humanistic and social scientific perspective. The Department will provide

a challenging, innovative, and supportive environment that will facilitate students' intellectual growth. This includes students' communication (both oral and written), research, and critical thinking skills across an array of contexts. The Department will serve the university, the community, and the discipline.

Student Learning Goals

1. Students will communicate effectively in speaking and writing. They will become proficient delivering public presentations, working in group situations, and interacting interpersonally. Students will also learn to write effectively for a variety of purposes and audiences.
2. Students will think logically and critically. Communication Studies students should be proficient in the following: developing problem-solving approaches, conducting research, analyzing evidence and sources of evidence, distinguishing between sound and fallacious reasoning, and analyzing and evaluating texts and messages.
3. Students will possess an in-depth knowledge of the field of communication studies. This will include major theoretical foundations in traditional communication, organizational communication, strategic communication, or theatre. Students will also be able to utilize such information in practical applications of the theories and concepts.
4. Students will function effectively in a culturally diverse community and a global society.

Major/Department Policies

The following policies apply to the tracks in **Communication** and **Advertising**.

- **GPA** A student must have a Grade Point Average of 2.0 or higher to graduate. Additionally, students must have a GPA of 2.3 to enroll in SPCH-S 246 (Rhetorical Skills), a required course for the traditional and organizational tracks. Those majoring or minoring in any of the three tracks must pass all core courses with a grade of C or higher, including prerequisites that are required for any given course.
- **Graduation Requirements** Students must complete all General Education and Bachelor of Arts requirements. For a major in Communication Studies, students must complete all courses listed in the program's degree plan. In total, students must have completed with a C or higher all required hours of Communication Studies courses, or courses in other departments approved by Communication Studies and listed on the degree plan. To earn a major in Communication Studies, students must take a minimum of 21 hours within the Department. Further, the Department must approve all transfer credits into the major.
- **Transfer credits** (Resident, Transfer, and Returning Students): Students who originally enrolled at IU Southeast, who have completed the requirements for admission into the Communication Studies program, and who have been continuously enrolled at IU Southeast (no more than three consecutive semesters without enrolling at IUS) are considered resident students. A student transferring from another university, or changes majors within IU Southeast, will be considered a resident student and will be covered by resident student guidelines. Students who have not enrolled at IU Southeast for four or more consecutive semesters are considered returning students.
- **Policies for Accepting Transfer Credit:** Department of Communication Studies policy for those transferring core courses:
 - Transfer credit for SPCH-S 246 is dependent upon reasonable evidence of competence in writing and speaking. This should include both an example of academic writing that is substantially similar to requirements for successfully completing the written portion of SPCH-S 246. Whether or not a paper or speech is considered "substantially similar" will be determined by the faculty of the Communication Studies Department.
 - The student must meet a minimum Grade Point Average of 2.3 for admission to the Communication Studies Department.
 - Prerequisites for core courses must be met (either by completing the course[s] at IU Southeast or through transfer credit from another university) before a student may enroll in the core course.
 - All of the core courses must be completed either by taking the appropriate course, or through substitution via a comparable course transferred from another institution or department.
 - The authority to decide which, if any, courses will be accepted for transfer credit will rest with the consent of the faculty of the Communication Studies Department. The student may be required to produce a syllabus or some other evidence of a course's suitability for transfer credit before a decision is made.
 - Transfer students must also meet the distribution and graduation requirements as they appear in the IU Southeast *Bulletin*.
- **Returning Students:** Returning students must meet the distribution and major requirements as outlined in the IU Southeast *Bulletin* for the term in which they re-enroll. Core courses completed more than five years prior to re-enrollment will be accepted for credit on a case by case basis to be determined by the Department of Communication Studies faculty. All students (resident, transfer, and returning) must meet the B.A. requirements for distribution and major courses outlined in the IU Southeast *Bulletin*.
- **University policies:** Students must adhere to all university policies and rules as described in the IU Southeast *Bulletin* in effect when a student enrolls in the university.
- **Internships:** To register for an internship in the communication area, a student must meet the following requirements:
 - The student must be of junior or senior standing.
 - The student must have a minimum G.P.A. of 2.5 (on a 4.0 scale) and must have a minimum

G.P.A. of 2.5 in the Communication Studies area.

- The student must have taken at least three, 3-credit core courses at the 200- level or above, in SPCH, CMCL, or TEL prefixed courses in their track within the major.
- Students with Communication Studies majors will have priority over other students when selecting internships with advisors from the Communication Studies faculty.
- It is recommended that a student will have taken at least one course with the professor he/she chooses as the faculty advisor for the internship. The faculty member must consent to serving as the advisor for the student.
- Only 6 hours of COAS-S 399 credit can apply toward the Communication Studies electives in any of the 3 tracks. These internship hours will be graded; they cannot apply toward the major if taken on an S/F basis. Any COAS-S 399 courses taken in addition to the 6 hours can only be applied to general electives, not the Communication Studies electives in a specific track.
- Internship descriptions must be approved by the Communication Studies faculty to assure that the proposed internship is worthy of credit toward a Communication Studies major.
- If a student wishes to serve two internships with the same company, it must be verified that the experiences in the second internship experience will be significantly different and pose different challenges than those in the first internship.
- **Requirements for fulfilling COAS-S 399:**
 - The student must meet with his/her advisor at midterm and again at the end of the internship.
 - The final evaluation made by the faculty advisor will be based on the following:
 - A weekly log prepared by the intern. The intern will record the activities of the week and his/her responses and reactions to those activities.
 - Employer evaluations.
 - Sample materials: letters, projects, etc. prepared by the student in the internship experience.
 - Final paper - the intern will prepare an 5-6 page final paper with proper documentation. In this paper, the student will relate internship experiences to topics and theories discussed in Communication Studies coursework.

Scholarships/Awards

Outstanding Communication Studies Student

Degree Requirements

Degree Program Admission Requirements

The two following course requirements apply to students pursuing any of the three following tracks in Communication: **Speech Communication**,

Organizational Communication, and **Strategic Communication**. These two courses also fulfill the General Education Oral Communication requirement and the General Education Ethical Reasoning/Diversity requirement.

- SPCH-S 121 Public Speaking (3 cr. hrs.)
 - minimum grade C
- SPCH-S 122 Interpersonal Communication (3 cr. hrs.)
 - minimum grade C

See “General Requirements for Undergraduate Degrees at IU Southeast” and “General Requirements for the Bachelor of Arts Degree.”

Major Specific General Education Requirements for Speech Track

The following courses not only satisfy a General Education Requirement (indicated in parentheses) but are also specific requirement for Speech Communication

Note: This is not a re-statement of the University's General Education Requirement but a list of specific General Education courses which are also requirements or pre-requisites for course work in the school/major.

- SPCH-S 121 Public Speaking (oral Communication) (3 cr. hrs.)
 - minimum grade C
- SPCH-S 122 Interpersonal Communication (ethical reasoning/diversity) (3 cr. hrs.)
 - minimum grade C
- MATH-M or MATH-A 118 Finite Mathematics (quantitative reasoning) (3 cr. hrs.)
 - minimum grade C

Major Specific Requirements - All Speech Communication students complete all courses below.

- SPCH-S 210 Survey of Communication Studies (1 cr. hrs.)
 - minimum grade C
- SPCH-S 228 Argumentation and Debate (3 cr. hrs.)
 - minimum grade C
- SPCH-S 229 Discussion and Group Methods (3 cr. hrs.)
 - minimum grade C
- SPCH-S 246 Rhetorical Skills (3 cr. hrs.)
 - minimum grade C
- SPCH-S 324 Persuasive Speaking (3 cr. hrs.)
 - minimum grade C
- SPCH-S 400 Senior Seminar (2 cr. hrs.)
 - minimum grade C
- SPCH-S 405 Human Communication Theory (3 cr. hrs.)
 - minimum grade C

- SPCH-S 424 Empirical Research in Speech Communication (3 cr. hrs.)
 - minimum grade C
- SPCH-S 353 Advanced Public Speaking (3 cr. hrs.)
 - minimum grade C
- SPCH-S 421 Speech Criticism (3 cr. hrs.)
 - minimum grade C
- SPCH-S 440 Organizational Communication (3 cr. hrs.)
 - minimum grade C

Diversity Requirement -Students must complete one (1) Diversity course within the major. The course taken to fulfill the requirement will not double count as one of the four required electives within the Speech Track. Choose one course from the following:

- CMCL-C 202 Media in the Global Context (3 cr. hrs.)
 - minimum grade C
- SPCH-S 427 Cross-Cultural Communication (3 cr. hrs.)
 - minimum grade C
- SPCH-S 450 Gender and Communication (3 cr. hrs.)
 - minimum grade C

Major Specific Electives in the Speech Track

Select 9 credit hours from the classes below, or classes from related disciplines approved by the Communication Studies faculty.

- SPCH-C 205 Oral Interpretation (3 cr. hrs.)
 - minimum grade C
- SPCH-S 223 Business and Professional Communication (3 cr. hrs.)
 - minimum grade C
- SPCH-S 306 Leadership (3 cr. hrs.)
 - minimum grade C
- SPCH-S 307 Crisis Management (3 cr. hrs.)
 - minimum grade C
- SPCH-S 325 Voice and Diction (3 cr. hrs.)
 - minimum grade C
- SPCH-C 325 Interviewing Principles and Practices (3 cr. hrs.)
 - minimum grade C
- SPCH-S 333 Public Relations (3 cr. hrs.)
 - minimum grade C
- SPCH-S 336 Current Topics in Communication (3 cr. hrs.)
 - minimum grade C

- SPCH-S 380 Nonverbal Communication (3 cr. hrs.)
 - minimum grade C
- SPCH-S 398 Independent Study (3 cr. hrs.)
 - minimum grade C
- COAS-S 399 Internship (3 cr. hrs.)
 - minimum grade C
- SPCH-S 427 Cross-Cultural Communication (3 cr. hrs.)
 - minimum grade C
- SPCH-S 450 Gender and Communication (3 cr. hrs.)
 - minimum grade C

Minor in Communication

Program Requirements

To earn a minor in Communication, a student must complete 15 credit hours with a grade of C or higher. A student must complete the two classes listed below and three additional SPCH-S or SPCH-C classes in communication at the 200 level or above. At least two of the courses must be at the 300 level or above.

Independent study course work (SPCH-S398) and Internships (COAS-S 399) will not count towards satisfying course requirements for the minor.

Required Courses

- SPCH-S 121 Public Speaking (3 cr. hrs.)
 - minimum grade C
- SPCH-S 122 Interpersonal Communication (3 cr. hrs.)
 - minimum grade C
- SPCH 200-400 Level (3 cr. hrs.)
 - minimum grade C
- SPCH 300-400 Level (3 cr. hrs.)
 - minimum grade C
- SPCH 300-400 Level (3 cr. hrs.)
 - minimum grade C

Communication - Organizational Communication Track (Bachelor of Arts)

Mission Statement

The mission of the Department of Communication Studies is to produce student learning and to advance knowledge about human communication from both a humanistic and social scientific perspective. The Department will provide a challenging, innovative, and supportive environment that will facilitate students' intellectual growth. This includes students' communication (both oral and written), research, and critical thinking skills across an array of contexts. The Department will serve the university, the community, and the discipline.

Student Learning Goals

1. Students will communicate effectively in speaking and writing. They will become proficient delivering public presentations, working in group situations, and interacting interpersonally. Students will also learn to write effectively for a variety of purposes and audiences.
2. Students will think logically and critically. Communication Studies students should be proficient in the following: developing problem-solving approaches, conducting research, analyzing evidence and sources of evidence, distinguishing between sound and fallacious reasoning, and analyzing and evaluating texts and messages.
3. Students will possess an in-depth knowledge of the field of communication studies. This will include major theoretical foundations in traditional communication, organizational communication, strategic communication, or theatre. Students will also be able to utilize such information in practical applications of the theories and concepts.
4. Students will function effectively in a culturally diverse community and a global society.

Major/Department Policies

The following policies apply to the tracks in **Communication** and **Organizational Communication**.

- **GPA** A student must have a Grade Point Average of 2.0 or higher to graduate. Additionally, students must have a GPA of 2.3 to enroll in SPCH-S 246 (Rhetorical Skills), a required course for the traditional and organizational tracks. Those majoring or minoring in any of the three tracks must pass all core courses with a grade of C or higher, including prerequisites that are required for any given course.
- **Graduation Requirements** Students must complete all General Education and Bachelor of Arts requirements. For a major in Communication Studies, students must complete all courses listed in the program's degree plan. In total, students must have completed with a C or higher all required hours of Communication Studies courses, or courses in other departments approved by Communication Studies and listed on the degree plan. To earn a major in Communication Studies, students must take a minimum of 21 hours within the Department. Further, the Department must approve all transfer credits into the major.
- **Transfer credits** (Resident, Transfer, and Returning Students): Students who originally enrolled at IU Southeast, who have completed the requirements for admission into the Communication Studies program, and who have been continuously enrolled at IU Southeast (no more than three consecutive semesters without enrolling at IUS) are considered resident students. A student transferring from another university, or changes majors within IU Southeast, will be considered a resident student and will be covered by resident student guidelines. Students who have not enrolled at IU Southeast for four or more consecutive semesters are considered returning students.

• Policies for Accepting Transfer Credit:

Department of Communication Studies policy for those transferring core courses:

- Transfer credit for SPCH-S 246 is dependent upon reasonable evidence of competence in writing and speaking. This should include both an example of academic writing that is substantially similar to requirements for successfully completing the written portion of SPCH-S 246. Whether or not a paper or speech is considered "substantially similar" will be determined by the faculty of the Communication Studies Department.
 - The student must meet a minimum Grade Point Average of 2.3 for admission to the Communication Studies Department.
 - Prerequisites for core courses must be met (either by completing the course[s] at IU Southeast or through transfer credit from another university) before a student may enroll in the core course.
 - All of the core courses must be completed either by taking the appropriate course, or through substitution via a comparable course transferred from another institution or department.
 - The authority to decide which, if any, courses will be accepted for transfer credit will rest with the consent of the faculty of the Communication Studies Department. The student may be required to produce a syllabus or some other evidence of a course's suitability for transfer credit before a decision is made.
 - Transfer students must also meet the distribution and graduation requirements as they appear in the IU Southeast *Bulletin*.
- **Returning Students:** Returning students must meet the distribution and major requirements as outlined in the IU Southeast *Bulletin* for the term in which they re-enroll. Core courses completed more than five years prior to re-enrollment will be accepted for credit on a case by case basis to be determined by the Department of Communication Studies faculty. All students (resident, transfer, and returning) must meet the B.A. requirements for distribution and major courses outlined in the IU Southeast *Bulletin*.
 - **University policies:** Students must adhere to all university policies and rules as described in the IU Southeast *Bulletin* in effect when a student enrolls in the university.
 - **Internships:** To register for an internship in the communication area, a student must meet the following requirements:
 - The student must be of junior or senior standing.
 - The student must have a minimum G.P.A. of 2.5 (on a 4.0 scale) and must have a minimum G.P.A. of 2.5 in the Communication Studies area.
 - The student must have taken at least three, 3-credit core courses at the 200- level or above, in SPCH, CMCL, or TEL prefixed courses in their track within the major.

- Students with Communication Studies majors will have priority over other students when selecting internships with advisors from the Communication Studies faculty.
- It is recommended that a student will have taken at least one course with the professor he/she chooses as the faculty advisor for the internship. The faculty member must consent to serving as the advisor for the student.
- Only 6 hours of COAS-S 399 credit can apply toward the Communication Studies electives in any of the 3 tracks. These internship hours will be graded; they cannot apply toward the major if taken on an S/F basis. Any COAS-S 399 courses taken in addition to the 6 hours can only be applied to general electives, not the Communication Studies electives in a specific track.
- Internship descriptions must be approved by the Communication Studies faculty to assure that the proposed internship is worthy of credit toward a Communication Studies major.
- If a student wishes to serve two internships with the same company, it must be verified that the experiences in the second internship experience will be significantly different and pose different challenges than those in the first internship.
- **Requirements for fulfilling COAS-S 399:**
 - The student must meet with his/her advisor at midterm and again at the end of the internship.
 - The final evaluation made by the faculty advisor will be based on the following:
 - A weekly log prepared by the intern. The intern will record the activities of the week and his/her responses and reactions to those activities.
 - Employer evaluations.
 - Sample materials: letters, projects, etc. prepared by the student in the internship experience.
 - Final paper - the intern will prepare an 5-6 page final paper with proper documentation. In this paper, the student will relate internship experiences to topics and theories discussed in Communication Studies coursework.

Scholarships/Awards

Outstanding Communication Studies Student

Degree Requirements

Degree Program Admission Requirements

The following two course requirements apply to students pursuing any of the three tracks in Communication: **Speech, Organizational Communication, and Strategic Communication**. These two courses also fulfill the General Education Oral Communication requirement and the General Education Ethical Reasoning/Diversity requirement.

- SPCH-S 121 Public Speaking (3 cr. hrs.)

- minimum grade C

- SPCH-S 122 Interpersonal Communication (3 cr. hrs.)

- minimum grade C

See “General Requirements for Undergraduate Degrees at IU Southeast” and “General Requirements for the Bachelor of Arts Degree.”

Major Specific General Education Requirements for Organizational Track

The following courses not only satisfy a General Education Requirement (indicated in parentheses) but are also specific requirements for the Organizational Communication Track.

Note: This is not a re-statement of the University's General Education Requirement but a list of specific General Education courses which are also requirements or pre-requisites for course work in the school/major.

- SPCH-S 121 Public Speaking (oral communication) (3 cr. hrs.)
 - minimum grade C

- SPCH-S 122 Interpersonal Communication (ethical reasoning/diversity) (3 cr. hrs.)
 - minimum grade C

Major Specific Requirements in the Organizational Track - All Organizational Communication students complete all courses below.

- SPCH-S 210 Survey of Communication Studies (1 cr. hrs.)
 - minimum grade C
- SPCH-S 223 Business and Professional Communication (3 cr. hrs.)
 - minimum grade C
- SPCH-S 228 Argumentation and Debate (3 cr. hrs.)
 - minimum grade C
- SPCH-S 229 Discussion and Group Methods (3 cr. hrs.)
 - minimum grade C
- SPCH-S 246 Rhetorical Skills (3 cr. hrs.)
 - minimum grade C
- SPCH-S 306 Leadership (3 cr. hrs.)
 - minimum grade C
- SPCH-S 324 Persuasive Speaking (3 cr. hrs.)
 - minimum grade C
- SPCH-S 325 Interviewing Principles and Practices (3 cr. hrs.)
 - minimum grade C
- SPCH-S 400 Senior Seminar (capstone) (2 cr. hrs.)
 - minimum grade C
- SPCH-S 405 Human Communication Theory (3 cr. hrs.)

- minimum grade C
- SPCH-S 424 Empirical Research in Speech Communication (3 cr. hrs.)
 - minimum grade C
- SPCH-S 440 Organizational Communication (3 cr. hrs.)
 - minimum grade C

Diversity Requirement- Students must complete one (1) Diversity course within the major. The course taken to fulfill the requirement will not double-count as one of the three required electives within the Organizational Track. Choose from the following:

- CMCL-C 202 Media in the Global Context (3 cr. hrs.)
 - minimum grade C
- SPCH-S 421 Speech Criticism (3 cr. hrs.)
 - minimum grade C
- SPCH-S 427 Cross-Cultural Communication (3 cr. hrs.)
 - minimum grade C
- SPCH-S 450 Gender and Communication (3 cr. hrs.)
 - minimum grade C

Major Specific Electives in the Organizational Communication Track

Select 9 credits from the classes below or classes from related disciplines approved by the Communication Studies faculty.

- SPCH-S 307 Crisis Management (3 cr. hrs.)
 - minimum grade C
- SPCH-S 325 Voice & Diction (3 cr. hrs.)
 - minimum grade C
- SPCH-S 336 Current Topics in Communication Variable Topic: Organizational Storytelling (3 cr. hrs.)
 - minimum grade C
- SPCH-S 392 Health Communication (3 cr. hrs.)
 - minimum grade C
- SPCH-S 398 Independent Study (3 cr. hrs.)
 - minimum grade C
- SPCH-S 427 Cross-Cultural Communication (3 cr. hrs.)
 - minimum grade C
- COAS-S 399 Internship (3 cr. hrs.)
 - minimum grade C

Communication - Strategic Communication Track (Bachelor of Arts)

Mission Statement

The mission of the Department of Communication Studies is to produce student learning and to advance knowledge about human communication from both a humanistic and social scientific perspective. The Department will provide a challenging, innovative, and supportive environment that will facilitate students' intellectual growth. This includes students' communication (both oral and written), research, and critical thinking skills across an array of contexts. The Department will serve the university, the community, and the discipline.

Student Learning Goals

1. Students will communicate effectively in speaking and writing. They will become proficient delivering public presentations, working in group situations, and interacting interpersonally. Students will also learn to write effectively for a variety of purposes and audiences.
2. Students will think logically and critically. Communication Studies students should be proficient in the following: developing problem-solving approaches, conducting research, analyzing evidence and sources of evidence, distinguishing between sound and fallacious reasoning, and analyzing and evaluating texts and messages.
3. Students will possess an in-depth knowledge of the field of communication studies. This will include major theoretical foundations in traditional communication, organizational communication, strategic communication, or theatre. Students will also be able to utilize such information in practical applications of the theories and concepts.
4. Students will function effectively in a culturally diverse community and a global society.

Major/Department Policies:

The following policies apply to the tracks in **Communication**.

- **GPA** A student must have a Grade Point Average of 2.0 or higher to graduate. Additionally, students must have a GPA of 2.3 to enroll in SPCH-S 246 (Rhetorical Skills), a required course for the traditional and organizational tracks. Those majoring or minoring in any of the three tracks must pass all core courses with a grade of C or higher, including prerequisites that are required for any given course.
- **Graduation Requirements** Students must complete all General Education and Bachelor of Arts requirements. For a major in Communication Studies, students must complete all courses listed in the program's degree plan. In total, students must have completed with a C or higher all required hours of Communication Studies courses, or courses in other departments approved by Communication Studies and listed on the degree plan. To earn a major in Communication Studies, students must take a minimum of 21 hours within the Department. Further, the Department must approve all transfer credits into the major.
- **Transfer credits** (Resident, Transfer, and Returning Students): Students who originally enrolled at IU Southeast, who have completed the requirements for admission into the Communication Studies program, and who have been continuously

enrolled at IU Southeast (no more than three consecutive semesters without enrolling at IUS) are considered resident students. A student who transfers from another university, or changes majors within IU Southeast, will be considered a resident student and will be covered by resident student guidelines. Students who have not enrolled at IU Southeast for four or more consecutive semesters are considered returning students.

- **Policies for Accepting Transfer Credit -**

Department of Communication Studies policy for those transferring core courses:

- Transfer credit for SPCH-S 246 is dependent upon reasonable evidence of competence in writing and speaking. This should include both an example of academic writing that is substantially similar to requirements for successfully completing the written portion of SPCH-S 246. Whether or not a paper or speech is considered "substantially similar" will be determined by the faculty of the Communication Studies Department.
- The student must meet a minimum Grade Point Average of 2.3 for admission to the Communication Studies Department.
- Prerequisites for core courses must be met (either by completing the course[s] at IU Southeast or through transfer credit from another university) before a student may enroll in the core course.
- All core courses must be completed either by taking the appropriate course, or through substitution of a comparable course transferred from another institution or department.
- The authority to decide which, if any, courses will be accepted for transfer credit will rest with the consent of the faculty of the Communication Studies Department. The student may be required to produce a syllabus or some other evidence of a course's suitability for transfer credit before a decision is made.
- Transfer students must also meet the distribution and graduation requirements as they appear in the IU Southeast *Bulletin*.
- **Returning Students:** Returning students must meet the distribution and major requirements as outlined in the IU Southeast *Bulletin* for the semester in which they re-enroll. Core courses completed more than five years prior to re-enrollment will be accepted for credit on a case by case basis determined by the Department of Communication Studies faculty. All students (resident, transfer, and returning) must meet the B.A. requirements for distribution and major courses outlined in the IU Southeast *Bulletin*.
- **University Policies:** Students must adhere to all university policies and rules as described in the IU Southeast *Bulletin* in effect when a student enrolls in the university.
- **Internships:** To register for an internship in the communication area, a student must meet the following requirements:
 - The student must be of junior or senior standing.
 - The student must have a minimum G.P.A. of 2.5 (on a 4.0 scale) and must have a minimum G.P.A. of 2.5 in the Communication Studies area.
 - The student must have taken at least three, 3-credit core courses at the 200- level or above, in SPCH, CMCL, or TEL prefixed courses in their track within the major.
 - Students with Communication Studies majors will have priority over other students when selecting internships with advisors from the Communication Studies faculty.
 - It is recommended that a student will have taken at least one course with the professor he/she chooses as the faculty advisor for the internship. The faculty member must consent to serving as the advisor for the student.
 - Only 6 hours of COAS-S 399 credit can apply toward the Communication Studies electives in any of the 3 tracks. These internship hours will be graded; they cannot apply toward the major if taken on an S/F basis. Any COAS-S 399 courses taken in addition to the 6 hours can only be applied to general electives, not the Communication Studies electives in a specific track.
 - Internship descriptions must be approved by the Communication Studies faculty to assure that the proposed internship is worthy of credit toward a Communication Studies major.
 - If a student wishes to serve two internships with the same company, it must be verified that the experiences in the second internship experience will be significantly different and pose different challenges than those in the first internship.
- **Requirements for fulfilling COAS-S 399:**
 - The student must meet with his/her advisor at midterm and again at the end of the internship.
 - The final evaluation made by the faculty advisor will be based on the following:
 - A weekly log prepared by the intern. The intern will record the activities of the week and his/her responses and reactions to those activities.
 - Employer evaluations.
 - Sample materials: letters, projects, etc. prepared by the student in the internship experience.
 - Final paper - the intern will prepare an 5-6 page final paper with proper documentation. In this paper, the student will relate internship experiences to topics and theories discussed in Communication Studies coursework.

Scholarships/Awards: Outstanding Communication Studies Student

Degree Program Admission Requirements

- SPCH-S 121 Public Speaking (3 cr. hrs.)
 - minimum grade C

- SPCH-S 122 Interpersonal Communication (3 cr. hrs.)
 - minimum grade C

See “General Requirements for Undergraduate Degrees at IU Southeast” and “General Requirements for the Bachelor of Arts Degree.”

Major Specific General Education Requirements The following courses not only satisfy a General Education Requirement (indicated in parentheses) but are also specific requirements for the Strategic Communication Track.

Note: This is not a re-statement of the University's General Education Requirement but a list of specific General Education courses which are also requirements or prerequisites for course work in the school/major.

- JOUR-J 200 Reporting, Writing, and Editing (3 cr. hrs.)
 - minimum grade C
- MATH-A/M 118 Finite Mathematics (Quantitative Reasoning) (3 cr. hrs.)
 - minimum grade C
- SPCH-S 122 Interpersonal Communication (Ethical Questions/Diversity) (3 cr. hrs.)
 - minimum grade C
- ECON-E 101 Survey of Economic Issues (Social & Behavioral Science) (3 cr. hrs.)
 - minimum grade C
- SPCH-S 121 Public Speaking (oral Communication) (3 cr. hrs.)
 - minimum grade C

Major Specific Requirements - All Strategic Communication students complete all courses below.

- TEL-T 102 Introduction to Advertising (3 cr. hrs.)
 - minimum grade C
- CMCL-C 202 Media in the Global Context (3 cr. hrs.)
 - minimum grade C
- CMCL-C 337 New Media (3 cr. hrs.)
 - minimum grade C
- SPCH-S 333 Public Relations (3 cr. hrs.)
 - minimum grade C
- CMCL-C 324 Persuasion (3 cr. hrs.)
 - minimum grade C
- TEL-T 345 Media Planning (3 cr. hrs.)
 - minimum grade C
- TEL-T 347 Promotion and Marketing in Telecommunications (3 cr. hrs.)
 - minimum grade C
- TEL-R 440 Advertising Strategies (3 cr. hrs.)

- minimum grade C

- TEL-R 404 Senior Seminar (3 cr. hrs.)
 - minimum grade C
- SPCH-S 307 Crisis Communication (3 cr. hrs.)
 - minimum grade C
- CMCL-C 424 Communication Research Methods (3 cr. hrs.)
 - minimum grade C
- BUS-M 300 Introduction to Marketing Management (3 cr. hrs.)
 - minimum grade C
- CMCL-C 315 Advertising and Consumer Culture (3 cr. hrs.)
 - minimum grade C
- COMM-I 311 Copywriting in Advertising (3 cr. hrs.)
 - minimum grade C

Strategic Communication Minor

This minor introduces students to all of the components of Strategic Communication: advertising, marketing, branding, and public relations. While the minor will not provide them with all the tools necessary for a career in Strategic Communication, it will supplement other degrees and make students more marketable for prospective employers.

Degree Requirements

Students must complete 15 credit hours from the follow core strategic communication requirements for a completion of a minor.

- TEL-T 102 Introduction to Advertising (3 cr. hrs.)
 - minimum grade C
- TEL-T 347 Promotion and Marketing in Telecommunications (3 cr. hrs.)
 - minimum grade C
- TEL-R 440 Advertising Strategies (3 cr. hrs.)
 - minimum grade C
- CMCL-C 324 Persuasion (3 cr. hrs.)
 - minimum grade C
- SPCH-S 333 Public Relations (3 cr. hrs.)
 - minimum grade C

English

The IU Southeast English Department helps students develop the analytic and communication skills they need to compete in the evolving world market of critical ideas.

Contact Information

Arts and Letters Office: (812) 941-2342
Website: <https://www.ius.edu/english/>

Academics

Undergraduate Degrees

- Bachelor of Arts
 - Literature
 - Writing

Undergraduate Certificates

- Creative Writing
- Professional Writing

Minors

- Creative Writing Minor
- Literature Minor
- Professional Writing Minor
- Writing Minor

English (Bachelor of Arts)

Mission/Vision Statement:

The IU Southeast English Department offers programs in writing and literature that foster students' intellectual growth, creativity, collaborative skills, technological expertise, multicultural awareness, and engaged citizenship. The department is devoted to an innovative curriculum that preserves literary and rhetorical traditions while encouraging lifelong learning. We teach students, both as readers and writers, to see working with texts as an opportunity to engage with history, philosophy, and culture and as a means of participating responsibly in a diverse and challenging world.

Our curriculum equips students to succeed in a variety of educational and career paths, from going to graduate school in Literature or Rhetoric and Composition, pursuing an MFA in Creative Writing, or embarking upon careers in fields ranging from social media to law. For students interested in more traditional career paths, particularly those leading to teaching and to graduate school, IU Southeast offers a scholarly environment that exposes students to the literatures of various periods and cultures, the discipline of literary criticism, and the different theories and methods associated with the study of writing. Similarly, students planning to pursue careers as writers can build portfolios that showcase a range of writing experiences, including technical writing and writing for the web. The flexibility and complementary strengths of the English Department faculty have enabled our students to combine courses in economics, management, human relations, and organizational theory within their English majors, making them more attractive to businesses, public service institutions, and nonprofit organizations.

All English majors take core classes that include surveys of British and American literature; an introduction to literary criticism and such methods of interpretation as gender criticism and reader-response theory; and an introduction to rhetorical theory and history. After completing the core, majors may concentrate in either Literature or Writing. Many choose to concentrate in both, making them especially well rounded as English majors and giving them additional skills and opportunities for future work and study. The Literature concentration guides students through a wide range of literatures in English, including multicultural literatures, literatures in translation, major author studies, and research-intensive coursework.

The Writing concentration introduces students to the evolution and use of the English language, and then provides majors with experience in several forms of writing, including academic professional and technical writing, creative writing, and public and digital writing. The capstone courses in both Writing and Literature allow students to introduce their work to public audiences by presenting at conferences, publishing, and applying their skills in workplace settings.

English majors also have many extracurricular opportunities to put what they have learned to practical use. For example, majors earn course credit by joining the staff of the *IU Southeast Review*, which publishes fiction, poetry, book reviews, essays, and photography. They can edit the *IU Southeast Undergraduate Research Journal*, which publishes research articles by students across campus. And they can write for and edit the *Voice*, the annual magazine of the School of Arts and Letters.

The English Department sponsors a campus-wide writing contest each year in which many English majors participate; contest winners are honored each year at the department's Gala. In addition, the student-run English Club has organized such events as writing workshops, poetry readings, and presentations from published writers.

Such experiences both in and out of the classroom lead English majors to succeed both across campus and beyond IUS. In recent years, students majoring in English have been named the Outstanding Alumnus for the School of Arts and Letters and the winner of the prestigious Phi Beta Kappa Award. English majors also excel in the Southern Indiana-Greater Louisville community, regularly taking high places in the Metroversity Writing Contest and recently winning the Literary Leo competition. Many majors go on to competitive graduate programs both locally and abroad, for example at IU Bloomington, Tennessee, Kentucky, and even the University of Sheffield in England, one of the top programs for Philosophy in the English-speaking world. Others use their skills to build careers. In recent years, we have seen our majors enter the fields of teaching, publishing, business and industry, advertising, government, law, communications, and public relations.

Much of this success can be traced to the communal atmosphere, the small class sizes, and the one-on-one interaction with professors, all of which make their years in the IU Southeast English Program a high point for many graduates. One recent graduate wrote, "The professors in the English department remember my name after completing their classes, which shows how small class sizes really make a difference." Another wrote, "I chose the major in English at IU Southeast because it was affordable; I stayed because it is amazing." Another notes the value of a degree in English in any career: "The most important part of my time at IU Southeast has been learning how writing can be used to problem-solve almost any dilemma." Students who have gone on to graduate school have been equally enthusiastic; said one, "My undergraduate education has prepared me for the graduate level equally well as many of my peers who came here from flagship state campuses."

For additional information about the individualized, interactive opportunities available in English at IU

Southeast, please see our website at www.ius.edu/ English.

Student Learning Goals – English Majors:

- Write effectively for specific purposes and audiences;
- Identify and use appropriate source materials;
- Read literary texts representing a variety of historical periods and genres, including both canonical works and works from writers not studied until more recently;
- Interpret texts using different forms of literary criticism, including those that emphasize aesthetics as well as those that focus on historical contexts;
- Analyze, interpret, and assess the aesthetic, argumentative and/or ethical value of information in various kinds of texts;
- Use computer-based and web-based technologies effectively, appropriately, and ethically for a variety of audiences and purposes;
- Implement writing and reading beyond the classroom, for example in the workplace, for personal development, or for civic involvement.

School Policies: All courses and prerequisites fulfilling the requirements for the major must be completed with a grade of C or higher.

Scholarships/Awards: The Carol Bishop Scholarship is awarded annually to an outstanding student who concentrates in Literature and has taken at least two Literature courses at the 300 level or above. The award has existed since 1996 and has lately entailed substantial sums of money.

Degree Requirements

See “General Requirements for Undergraduate Degrees at IU Southeast” and “General Requirements for the Bachelor of Arts Degree.”

General Education Component

Note: This is not a re-statement of the University's General Education Requirement but a list of specific General Education courses which are also requirements or pre-requisites for course work in the school/major.

- ENG-W290 Writing in the Arts and Sciences (3 cr. hrs.)
 - minimum grade C

Core Requirements for a Major in English (required of all majors)

- ENG-L1XX Any 100-level ENG-L course (3 cr. hrs.)
 - minimum grade C
- ENG-L 371 Critical Practices (3 cr. hrs.)
 - minimum grade C
- ENG-W 371 Rhetorical Practices (3 cr. hrs.)
 - minimum grade C

Two courses from the following:

- ENG-L297 English Literature to 1600 (3 cr. hrs.)

- minimum grade C

- ENG-L298 English Literature from 1600-1800 (3 cr. hrs.)

- minimum grade C

- ENG-L299 English Literature from 1800 (3 cr. hrs.)

- minimum grade C

Or substitute approved by department.

Two courses from the following:

- ENG-L351 American Literature, 1800-1865 (3 cr. hrs.)

- minimum grade C

- ENG-L352 American Literature, 1865-1914 (3 cr. hrs.)

- minimum grade C

- ENG-L354 American Literature since 1914 (3 cr. hrs.)

- minimum grade C

Or substitute approved by department.

ENG-L 140 (Introduction to English Studies), and ENG-L 371 (Critical Practices), are recommended before students take the American and British literature survey courses (ENG-L 351, 352, 354, 297, 298, 299).

Literature Concentration

In addition to the requirements for all English majors, English majors with a concentration in Literature must choose 15 credit hours of electives from courses designated ENG-L. Twelve of the 15 required credit hours must be taken at the 300 level or above.

Note: Students are encouraged to take ENG-W 290 before taking an upper-division elective.

Students may take any course designated ENG-L at the 300 level or above to complete the 15 credit hours of required electives. Students should consult the course descriptions and semester-specific course schedules for more information on Literature electives.

Capstone (generally taught in the fall semester)

- ENG-L460 Seminar: Literary Form, Mode, and Theme (3 cr. hrs.)
 - minimum grade C

Writing Concentration

In addition to the requirements for all English majors, English majors with a concentration in Writing must complete the following:

- ENG-W206 Creative Writing (3 cr. hrs.)
 - minimum grade C

One of the following two courses:

- ENG-G205 Introduction to the English Language (3 cr. hrs.)
 - minimum grade C
- ENG-G301 History of the English Language (3 cr. hrs.)

- minimum grade C

One of the following two courses:

- ENG-W350 Advanced Expository Writing (3 cr. hrs.)

- minimum grade C

- ENG-W420 Argumentative Writing (3 cr. hrs.)

- minimum grade C

One of the following five options (Applied Learning Requirement):

- ENG-W315 Writing for the Web (3 cr. hrs.)

- minimum grade C

- ENG-W331 Business and Administrative Writing (3 cr. hrs.)

- minimum grade C

- ENG-W364 Art of Magazine Editing for Publication and Production (3 cr. hrs.)

- minimum grade C

- ENG-W426 Writing Nonfiction for Popular and Professional Publication (3 cr. hrs.)

- minimum grade C

- COAS-S399 Internship (in writing or writing-related work that has been approved by the Writing Concentration Faculty) (3 cr. hrs.)

- minimum grade C

AND

Any 3 credit hour elective designated ENG-W at the 300 level or higher. Students should consult the course descriptions and semester-specific course schedules for more information on electives in Writing (minimum grade of C required).

Capstone

- ENG-W490 Writing Seminar (3 cr. hrs.)

- minimum grade C

- prerequisite/co-requisite: Writing concentration majors must complete A) W290, B) W350 or W420; and C) at least one other writing course (ENG-W) at the 200 level or above before enrolling in W490. W290 should be taken in the sophomore year.

Minor in Creative Writing

Policies

- All courses and prerequisites fulfilling the requirements for minors or certificates in English must be completed with a grade of C or higher.
- The overall GPA for any English minor or certificate must be 3.0.

Student Learning Outcomes

1. **Knowledge of Craft Terms and Concepts:** The student will become knowledgeable in essential craft terms and concepts in fiction, poetry, or creative nonfiction.
2. **Competency in Creative Writing:** The student will develop competency in creating original works in fiction, poetry, or creative nonfiction.

3. **Competency in Revision:** The student will be able to meaningfully revise original creative writing and incorporate suggestions from peers and instructors.

4. **Competency in Critiquing Creative Writing:** The student will learn to meaningfully critique drafts of other student writers applying craft terms and concepts, participate in workshops, and prepare workshop reports.

5. **Competency in Analyzing Creative Writing:** The student will be able to analyze works by major authors of fiction, poetry, and creative nonfiction in analytic essays and scholarly articles.

6. **Appreciation of Literature and Literary Culture:** The student will develop aesthetic values and appreciate literature and literary culture by reading important works and analyzing them, participating in university and community events featuring readings and lectures, participating in the university and community literary scene, and attending cross-cultural and cross-media events such as plays and gallery shows, to understand the interrelatedness of the arts.

Creative Writing Minor Requirements

Eighteen (18) credit hours including:

- ENG-W 206 Introduction to Creative Writing (3 cr. hrs.)

- minimum grade C

- ENG-L 371 Critical Practices (3 cr. hrs.)

- minimum grade C

Two of the following three:

- ENG-W 301 Fiction (3 cr. hrs.)

- minimum grade C

- ENG-W303 Poetry (3 cr. hrs.)

- minimum grade C

- ENG-W311 Creative Nonfiction (3 cr. hrs.)

- minimum grade C

One of the following:

- ENG-W401 Advanced Fiction (3 cr. hrs.)

- minimum grade C

- ENG-W403 Advanced Poetry (3 cr. hrs.)

- minimum grade C

- ENG-W411 Advanced Creative Nonfiction (3 cr. hrs.)

- minimum grade C

Complete one additional English Literature Elective: 3 C

- ENG-L varies one 300-400 Level English Literature Elective (ENG-L351, L352, and L354 may not be used to satisfy this requirement) (3 cr. hrs.)

- minimum grade C

Minor in Literature

School Policies

All courses and prerequisites fulfilling the requirements for minors in English Literature must be completed with a grade of C or higher. English majors may count no more than two online and/or correspondence courses toward the major in English. Only one such course may count toward the minor in English. Students may request departmental consent for exception.

Minor Requirements

General Education Component

Note: This is not a re-statement of the University's General Education Requirement but a list of specific General Education courses which are also requirements or pre-requisites for course work in the school/major.

- ENG-W 131 Elementary Composition (3 cr. hrs.)
 - minimum grade C

Specific Requirements for Minor in Literature

Eighteen (18) credit hours at the 200 level or above, including:

- ENG-L 202 OR 371 Literary Interpretation OR Critical Practices (3 cr. hrs.)
 - minimum grade C

Nine credit hours (3 courses) chosen from the following (one from the English Literature selections, one from the American Literature selections, and one from either):

- ENG-L 297 English Literature to 1600; (3 cr. hrs.)
 - minimum grade C
- ENG-L 298 English Literature from 1600-1830; (3 cr. hrs.)
 - minimum grade C
- ENG-L 299 English Literature from 1830; (3 cr. hrs.)
 - minimum grade C
- ENG-L 351 American Literature to 1865; (3 cr. hrs.)
 - minimum grade C
- ENG-L 352 American Literature from 1865-1914; (3 cr. hrs.)
 - minimum grade C
- ENG-L 354 American Literature since 1914 (3 cr. hrs.)
 - minimum grade C

Upper Division Electives* 6C

Six credit hours (2 courses) of electives at the 300- to 400-level chosen from courses designated ENG-L (excluding ENG-L 351, ENG-L 352, ENG-L354, and ENG-L 460). Students should consult the course descriptions and semester-specific course schedules for more information on electives in Literature.

***Note:** ENG-L 140 and either ENG-L 202/ENG-L 371 or one American or British Literature survey course (e.g.

ENG-L 297, ENG-L 298, ENG-L 299, ENG-L 351, ENG-L 352, ENG-L 354) are required before students can take any 300- or 400-level elective in literature. Instructors may grant permission to enroll in exceptional circumstances.

Minor in Professional Writing

School Policies

All courses and prerequisites fulfilling the requirements for minors in English must be completed with a grade of C or higher.

Minor Requirements

Eighteen (18) credit hours including:

Specific Requirements for Minor in Professional Writing

- ENG-W 234 Technical Report Writing (3 cr. hrs.)
 - minimum grade C
- ENG-W 315 Writing for the Web (3 cr. hrs.)
 - minimum grade C
- ENG-W 331 Business & Administrative Writing (3 cr. hrs.)
 - minimum grade C
- ENG-W364 The Art of Magazine Editing for Publication & Production (3 cr. hrs.)
 - minimum grade C
- ENG-W395 Independent Study of Writing Topic: The Art of Magazine Writing (Beginning Fall 2018 this course is replaced by ENG-W 426) (3 cr. hrs.)
 - minimum grade C
- ENG-W426 Writing Nonfiction for Popular and Professional Publication (3 cr. hrs.)
 - minimum grade C
- ENG-W OR COAS-S 398 399 Internship in Writing (must involve a substantial writing and/or communication component and must be approved by writing faculty)(3 cr. hrs.)
 - minimum grade C

Minor in Writing

School Policies

All courses and prerequisites fulfilling the requirements for minors in English must be completed with a grade of C or higher.

Minor Requirements

General Education Component

Note: This is not a re-statement of the University's General Education Requirement but a list of specific General Education courses which are also requirements or pre-requisites for course work in the minor.

- ENG-W 131 Reading, Writing, & Inquiry I (3 cr. hrs.)
 - minimum grade C

Eighteen (18) credit hours at the 200 level or above, including:

Specific Requirements for Minor in Writing

- ENG-G 205 Introduction to the English Language (3 cr. hrs.)
 - minimum grade C
- ENG-W 206 Introduction to Creative Writing (3 cr. hrs.)
 - minimum grade C
- ENG-W 350 Advanced Expository Writing (3 cr. hrs.)
 - minimum grade C

One of the following:

- ENG-W 231 Professional Writing Skills; OR (3 cr. hrs.)
 - minimum grade C
- ENG-W 234 Technical Report Writing; OR (3 cr. hrs.)
 - minimum grade C
- ENG-W 290 Writing in the Arts and Sciences; OR (3 cr. hrs.)
 - minimum grade C
- ENG-W 315 Writing for the Web (3 cr. hrs.)
 - minimum grade C
- ENG-W 364 Art of Magazine Editing for Publication and Production (3 cr. hrs.)
 - minimum grade C
- ENG-W 371 Rhetorical Practices (3 cr. hrs.)
 - minimum grade C
- ENG-W 395 Individual Study of Writing: The Art of Magazine Writing (Beginning Fall 2018 this course is replaced by ENG-W 426) (3 cr. hrs.)
 - minimum grade C
- ENG-W 426 Writing Nonfiction for Popular and Professional Publication (3 cr. hrs.)
 - minimum grade C

One of the following:

- ENG-W 270 Argumentative Writing, OR (3 cr. hrs.)
 - minimum grade C
- ENG-W 420 Argumentative Writing AND (3 cr. hrs.)
 - minimum grade C
- ENG-W 200+ Any elective designated ENG-W at the 200 level or higher (W 270 and W 420 may not both be taken). Students should consult the course descriptions and semester-specific course schedules for more information on electives in Writing. (3 cr. hrs.)
 - minimum grade C

Certificate in Creative Writing

Policies:

- All courses and prerequisites fulfilling the requirements for minors or certificates in English must be completed with a grade of C or higher.
- The overall GPA for any English minor or certificate must be 3.0.

- English majors may count no more than two online and/or correspondence courses toward the minor or certificate. Students may request departmental consent for exception.

Student Learning Outcomes

1. **Knowledge of Craft Terms and Concepts:** The student will become knowledgeable in essential craft terms and concepts in fiction, poetry, or creative nonfiction.
2. **Competency in Creative Writing:** The student will develop competency in creating original works in fiction, poetry, or creative nonfiction.
3. **Competency in Revision:** The student will be able to meaningfully revise original creative writing and incorporate suggestions from peers and instructors.
4. **Competency in Critiquing Creative Writing:** The student will learn to meaningfully critique drafts of other student writers applying craft terms and concepts, participate in workshops, and prepare workshop reports.
5. **Competency in Analyzing Creative Writing:** The student will be able to analyze works by major authors of fiction, poetry, and creative nonfiction in analytic essays and scholarly articles.
6. **Appreciation of Literature and Literary Culture:** The student will develop aesthetic values and appreciate literature and literary culture by reading important works and analyzing them, participating in university and community events featuring readings and lectures, participating in the university and community literary scene, and attending cross-cultural and cross-media events such as plays and gallery shows, to understand the interrelatedness of the arts.

Creative Writing Certificate Requirements

Fifteen (15) credit hours including:

- ENG-W203 Creative Writing (3 cr. hrs.)
 - minimum grade C
- ENG-L371Literary Interpretation(3 cr. hrs.)
 - minimum grade C

Two of the following three:

- ENG-W 301 Fiction(3 cr. hrs.)
 - minimum grade C
- ENG-W303Poetry(3 cr. hrs.)
 - minimum grade C
- ENG-W311Creative Nonfiction(3 cr. hrs.)
 - minimum grade C

Complete one additional English Literature Elective

- ENG-L variesTake one additional 300-level Literature course (ENG-L351, L352, & L354 may not be used to satisfy this requirement.)(3 cr. hrs.)

- minimum grade C

Certificate in Professional Writing

Specific Requirements for Certificate in Professional Writing

Complete the following courses for a minimum of 18 credit hours. A minimum grade of C is required for each course in the certificate, and only one course may be taken online.

- ENG-W 234 Technical Report Writing (3 cr. hrs.)
 - minimum grade C
- ENG-W 315 Writing for the Web (3 cr. hrs.)
 - minimum grade C
- ENG-W 331 Business & Administrative Writing (3 cr. hrs.)
 - minimum grade C
- ENG-W364 The Art of Magazine Editing for Publication & Production (3 cr. hrs.)
 - minimum grade C
- ENG-W395Independent Study of Writing (Topic: The Art of Magazine Writing)(3 cr. hrs.)
 - minimum grade C

variesTake one additional course approved by faculty. Recommended: ENG-W405, ENG-W398 or COAS-S399, or online elective within the IU system as approved by the Writing Faculty) 3 C

Fine Arts

The IU Southeast Fine Arts program is among the strongest at the Southeast campus due to its distinguished faculty, students, and ability to form liaisons with local and regional fine arts programs and organizations. The Fine Arts at IU Southeast is a challenging, innovative, and supportive learning program committed to the intellectual and social growth of students, and to the cultural well-being of the region.

Contact Information

Arts and Letters Office: (812) 941-2342
Website: <https://www.ius.edu/fine-arts/>

Academics

Undergraduate Degrees

- Bachelor of Art in Fine Arts
 - Art History Concentration
 - Studio Arts Concentration
- Bachelor of Fine Arts
 - Ceramics
 - Digital Art
 - Drawing
 - Graphic Design
 - Painting
 - Printmaking

Minors

- Art History Minor
- Fine Arts Minor (Non-Majors)
- Studio Art Minor (Fine Arts Majors)

- Painting
- Drawing
- Ceramics
- Printmaking
- Graphic Design
- Digital Art

Bachelor of Arts in Fine Arts (Art History Concentration)

Mission Statement

The mission of the Fine Arts program at Indiana University Southeast is to continuously design, build, and implement high quality programs of study in the visual arts and art history that support, integrate, and contribute to the missions of the School of Arts and Letters and the University. The program affirms and nurtures the intellectual and creative spirits of each individual while providing knowledge and structure to promote the appreciation and understanding of art and art history and of their contributions to the cultures and histories of humanity. Each student is encouraged to develop their own unique vision and critical thinking methods, and to come to a greater understanding and appreciation of the diverse responses and contributions of others. Students will explore how and why they work creatively, as well as develop appreciation for art in both a contemporary and historical context.

Art History Learning Goals

- Identify specific styles and artworks
- Describe visual characteristics (that is the **Form**) of specific styles and artworks.
- Identify the imagery and meaning (the **Content**) of individual artworks and movements.
- Explain the cultural or historical significance of specific artistic Forms or Content
- Identify significant worldviews, events, or situations that make up the **Context** of art production for specific periods and/or cultures. Explain how the **Context** of their creation led to specific artworks and styles.
- Demonstrate how past art has influenced later creation.
- Apply correct art vocabulary.
- Compare similarities and differences between your perspectives and those of the artists, cultures, and times that we study.

Degree Program Admission Requirements

Students desiring a B.A. in Fine Arts with an Art History Concentration should request acceptance after the completion of FINA- A101 (Ancient and Medieval Art), FINA- A102 (Renaissance through Modern Art), and FINA- A150 (Africa, New World and Oceanic Art) with a C or better in each course.

See "General Requirements for Undergraduate Degrees at IU Southeast" and "General Requirements for the Bachelor of Arts Degree."

General Education Component

Note: This is not a re-statement of the University's General Education Requirement but a list of specific General

Education courses which are also requirements or pre-requisites for course work in the school/major.

- ENG-W 290 Writing in the Arts and Sciences (3 cr. hrs.)
 - minimum grade C
- FINA-A 101 Ancient and Medieval Art (3 cr. hrs.)
 - minimum grade C
- FINA-A 102 Renaissance through Modern Art (3 cr. hrs.)
 - minimum grade C
- FINA-A 150 African, New World and Oceanic Art (FINA-A 458 may be substituted for FINA-A 150. Both may not be taken for credit. However, only FINA-A 150 fulfills the General Education diversity requirement.) (3 cr. hrs.)
 - minimum grade C

Core Program

The following courses are required of all Fine Arts majors seeking a concentration in Art History. FINA-A 458 Topics in the Ethnographic Arts may be substituted for FINA-A 150 Africa, New World and Oceanic Art. FINA-A 150 and FINA-A 458 may not both be taken for credit.

- FINA-A 101 Ancient and Medieval Art (3 cr. hrs.)
 - minimum grade C
- FINA-A 102 Renaissance through Modern Art (3 cr. hrs.)
 - minimum grade C
- FINA-A 150 African, New World and Oceanic Art (3 cr. hrs.)
 - minimum grade C
- FINA-A 400 Senior Seminar in Art History, Capstone Course (4 cr. hrs.)
 - minimum grade C

Academic Standing in Fine Arts Art History Courses

Students must receive a grade of C or higher in all art history courses. Any course for which the student did not receive a full C must be retaken or considered an elective. In the latter case, a different art history course at the same level and category may be substituted for the deficient course.

Specific Requirements for Major

In addition to FINA-A 101, FINA-A 102, FINA-A 150, and FINA-A 400, students will choose an additional six courses (18 hours) from the following lists. At least one must be from a European derived tradition and at least one from an Indigenous tradition.

European Derived Traditions

- FINA-A 315 Art of the Ancient World (3 cr. hrs.)
 - minimum grade C
- FINA-A 322 Romanesque and Gothic Art (3 cr. hrs.)
 - minimum grade C

- FINA-A 403 Baroque and Rococo Art (3 cr. hrs.)
 - minimum grade C
- FINA-A 404 Modernism: Art, Politics, and Innovation, 1850 – 1900 (3 cr. hrs.)
 - minimum grade C
- FINA-A 405 Art of the Northern Renaissance (3 cr. hrs.)
 - minimum grade C
- FINA-A 406 Art of the Italian Renaissance (3 cr. hrs.)
 - minimum grade C
- FINA-A 439 The Historical Avant-Gardes: Art from 1900 to 1945 (3 cr. hrs.)
 - minimum grade C
- FINA-A 440 19th-Century Art I (3 cr. hrs.)
 - minimum grade C

Indigenous Traditions

- FINA-A 362 Art of Japan (3 cr. hrs.)
 - minimum grade C
- FINA-A 402 Arts of Native North America (3 cr. hrs.)
 - minimum grade C
- FINA-A 451 Art of the South Pacific (3 cr. hrs.)
 - minimum grade C
- FINA-A 452 Art of Pre-Columbian America (3 cr. hrs.)
 - minimum grade C
- FINA-A 457 Experimental Art Since 1945 (3 cr. hrs.)
 - minimum grade C
- FINA-A 458 Topics in the Ethnographic Arts (FINA-A150 and FINA-A458 may not both be taken for credit) (3 cr. hrs.)
 - minimum grade C

Variable Topics (May fulfill either category based on the specific subject matter)

- FINA-A 490 Topics in Art History (3cr. repeatable) (3 cr. hrs.)
 - minimum grade C
- FINA-A 495 Readings and Research in Art History (1 – 4 cr. repeatable for a total of 9) (3 cr. hrs.)
 - minimum grade C

Capstone

To be taken in senior year.

- FINA-A 400 Senior Seminar in Art History, Capstone Course (4 cr. hrs.)
 - minimum grade C

Bachelor of Arts in Fine Arts (Studio Arts Concentration)

Program Description

The Bachelor of Arts in Fine Arts with a Studio Arts Concentration offers students a broader range of options, permitting them to combine their study in fine arts with a well-rounded liberal arts education. Students in the B.A. in Studio Arts focus their studies in two studio areas. Studio areas include Ceramics, Digital Art and Interactive Media, Drawing, Graphic Design, Painting, and Printmaking.

Mission Statement

The mission of the Fine Arts program at Indiana University Southeast is to continuously design, build, and implement high quality programs of study in the visual arts and art history that supports, integrates, and contributes to the missions of the School of Arts and Letters and the University. The program affirms and nurtures the intellectual and creative spirits of each individual while providing knowledge and structure to promote the appreciation and understanding of art and art history and of their contributions to the cultures and histories of humanity. Each student is encouraged to develop their own unique vision and critical thinking methods, and to come to a greater understanding and appreciation of the diverse responses and contributions of others. Students will explore how and why they work creatively, as well as develop appreciation for art in both a contemporary and historical context.

Fine Arts Studio Learning Goals

- Students will be able to conceptualize their ideas visually
- Students will be able to express their interests and goals as artists
- Students will be able to analyze and evaluate their own art
- Students will be able to describe, analyze, interpret and judge the work of other artists
- Students will have knowledge of the vocabulary and concepts used in the study and creation of art
- Students will acquire knowledge and the ability to participate in discourse pertaining to history, art, and culture
- Students will gain a greater understanding of critical thinking methods used in art history, contemporary art, and studio practices
- Students will research and write extensively about their own work and the work of others

Fine Arts Program Studio Policies and Degree Requirements

Students are responsible for degree requirements and the Fine Arts Program policies which include:

- **Foundations Portfolio Review:** All Fine Arts students must have a foundations portfolio review. Passing the review is required prior to entering the BA and/or BFA programs and is independent of all studio grades. The portfolio review will also be used to identify weaknesses in a student's progress. During the portfolio review, artwork is formally evaluated.
- **Professional Disposition:** The IU Southeast Fine Arts Program has determined that a student's demonstration of professional disposition and his/her adherence to specified minimum standards of conduct are essential to the successful participation

in and completion of the program. The IU Southeast Fine Arts Disposition Code is a program-level set of minimum standards that complements but does not supersede the broader IU Code of Students Rights, Responsibilities, and Conduct. The specific standards of the code and its implementation will be made available to students in course syllabi.

- **Senior Year Requirements:** During the spring semester of senior year students participate in an exhibition of their work.
- **Art Transfer Credit Review:** Transfer students with art credit from other institutions must have a transfer portfolio review in order to determine which courses from other institutions will be accepted as satisfying the Indiana University Southeast Fine Arts studio requirements. For guidelines for submitting a transfer portfolio, please contact the School of Arts and Letters Academic Advising office.
- **Academic Standing in Fine Arts Studio Courses:** Students must receive a grade of C or higher in all studio and art history courses. A student can repeat a course no more than two times. If the required course is not passed with a grade of C or higher a student will not be allowed to continue in the program.

Fine Arts Scholarships and Awards

- Outstanding Student Award
- Martha K. Stem Scholarship
- Kate Torp Scholarship
- Rebecca Jennings Award
- Adam Woeppel Scholarship

Common Requirements/Core Program: All fine arts students are required to take a core set of classes.

- FINA-F 100 Fundamental Studio—Drawing (3 cr. hrs.)
 - minimum grade C
- FINA-F 101 Fundamental Studio— 3D (3 cr. hrs.)
 - minimum grade C
- FINA-F 102 Fundamental Studio— 2D (3 cr. hrs.)
 - minimum grade C
- FINA-D 210 Digital Art: Survey and Practice (3 cr. hrs.)
 - minimum grade C
- FINA-A 101 Ancient and Medieval Art (3 cr. hrs.)
 - minimum grade C
- FINA-A 102 Renaissance through Modern Art (3 cr. hrs.)
 - minimum grade C

General Education Requirement

Note: This is not a re-statement of the University's General Education Requirement but a list of specific General Education courses, which are also requirements or pre-requisites for course work in the school/major.

- ENG-W 290 Writing in the Arts and Sciences (3 cr. hrs.)

- minimum grade C

Permission required for all studio courses beyond the foundation level. The School of Arts and Letters advisor must approve any exceptions.

200-level Studio Courses

All B.A. students in Fine Arts must take the required 200-level course in each of the six studio concentration areas.

Upper-Level Requirements for Completion of B.A. in Fine Arts with a Studio Arts Concentration:

Students take 15 credits of 300 and 400-level courses from two studio areas. These studio areas will be identified during the 200-level sequence of studio courses. The fine arts faculty will exercise final approval of any areas of focus selected by students.

Students must take these courses in addition to the required fundamental, all 200-level studios, and 300 and 400-level courses from two studio areas.

- FINA-U 401 Special Topics in Studio Art (3 cr. hrs.)
 - minimum grade C
- FINA-A 401 Art Theory - Senior (BA Seminar) (3 cr. hrs.)
 - minimum grade C
- FINA-G 405 BA Senior Exhibit (0 cr. hrs.)
 - minimum grade C
- FINA-A 457 Experimental Art Since 1945 (3 cr. hrs.)
 - minimum grade C
- FINA-A 300 or 400 level non-Western art history (3 cr. hrs.)
 - minimum grade C

B.A Capstone

All B.A. Fine Arts (Studio Art) students must take FINA-A 401 (B.A. Seminar) in the fall semester before their graduation. In addition, in spring semester before graduation all B.A. Fine Arts (Studio Art) students are required to take FINA-G 405 (B.A Senior Exhibit), which includes a formal exhibition of their work.

Minor in Art History

Mission Statement

The mission of the Fine Arts program at Indiana University Southeast is to continuously design, build, and implement high quality programs of study in the visual arts and art history that support, integrate, and contribute to the missions of the School of Arts and Letters and the University. The program affirms and nurtures the intellectual and creative spirits of each individual while providing knowledge and structure to promote the appreciation and understanding of art and art history and of their contributions to the cultures and histories of humanity. Each student is encouraged to develop their own unique vision and critical thinking methods, and to come to a greater understanding and appreciation of the diverse responses and contributions of others. Students will explore how and why they work creatively, as well as

develop appreciation for art in both a contemporary and historical context.

Art History Learning Goals

- Identify specific styles and artworks
- Describe visual characteristics (that is the **Form**) of specific styles and artworks.
- Identify the imagery and meaning (the **Content**) of individual artworks and movements.
- Explain the cultural or historical significance of specific artistic Forms or Content
- Identify significant worldviews, events, or situations that make up the **Context** of art production for specific periods and/or cultures. Explain how the **Context** of their creation led to specific artworks and styles.
- Demonstrate how past art has influenced later creation.
- Apply correct art vocabulary.
- Compare similarities and differences between your perspectives and those of the artists, cultures, and times that we study.

General Education Component

Note: This is not a re-statement of the University's General Education Requirement but a list of specific General Education courses which are also requirements or pre-requisites for course work in the school/minor.

- ENG-W 290 Writing in the Arts and Sciences (3 cr. hrs.)
 - minimum grade C
- FINA-A 101 Ancient and Medieval Art (3 cr. hrs.)
 - minimum grade C
- FINA-A 102 Renaissance through Modern Art (3 cr. hrs.)
 - minimum grade C
- FINA-A 150 African, New World and Oceanic Art (FINA-A 458 may be substituted for FINA-A 150. Both may not both be taken for credit. Only FINA-A 150 fulfills the General Education diversity requirement.) (3 cr. hrs.)
 - minimum grade C

Core Program

The following courses are required for a minor in Art History. FINA-A 458 Topics in the Ethnographic Arts may be substituted for FINA-A150 Africa, New World and Oceanic Art. FINA-A150 and FINA-A458 may not both be taken for credit.

- FINA-A 101 Ancient and Medieval Art (3 cr. hrs.)
 - minimum grade C
- FINA-A 102 Renaissance through Modern Art (3 cr. hrs.)
 - minimum grade C
- FINA-A 150 African, New World and Oceanic Art (FINA-A 458 may be substituted for FINA-A 150.) (3 cr. hrs.)
 - minimum grade C

Academic Standing in Fine Arts History Courses

Students must receive a grade of C or higher in all art history courses. Any course for which the student did not receive a full C must be retaken or considered an elective. In the latter case a different art history course at the same level and category may be substituted for the deficient course.

Specific Requirements for Minor

In addition to FINA-A 101, FINA-A 102, and FINA-A 150, students will choose an additional two courses (6 hours) from the following lists. At least one course must be from a European derived tradition and at least one from an Indigenous tradition.

European Derived Traditions

- FINA-A 315 Art of the Ancient World (3 cr. hrs.)
 - minimum grade C
- FINA-A 322 Romanesque and Gothic Art (3 cr. hrs.)
 - minimum grade C
- FINA-A 403 Baroque and Rococo Art (3 cr. hrs.)
 - minimum grade C
- FINA-A 404 Modernism: Art, Politics, and Innovation, 1850 – 1900 (3 cr. hrs.)
 - minimum grade C
- FINA-A 405 Art of the Northern Renaissance (3 cr. hrs.)
 - minimum grade C
- FINA-A 406 Art of the Italian Renaissance (3 cr. hrs.)
 - minimum grade C
- FINA-A 439 The Historical Avant-Gardes: Art from 1900 to 1945 (3 cr. hrs.)
 - minimum grade C
- FINA-A 440 19th-Century Art 1 (3 cr. hrs.)
 - minimum grade C

Indigenous Traditions

- FINA-A 362 Art of Japan (3 cr. hrs.)
 - minimum grade C
- FINA-A 402 Arts of Native North America (3 cr. hrs.)
 - minimum grade C
- FINA-A 451 Art of the South Pacific (3 cr. hrs.)
 - minimum grade C
- FINA-A 457 Experimental Art Since 1945 (3 cr. hrs.)
 - minimum grade C
- FINA-A 458 Topics in the Ethnographic Arts (FINA-A 150 and FINA-A 458 may not both be taken for credit.) (3 cr. hrs.)
 - minimum grade C

Variable Topics (May fulfill either category based on the specific subject matter)

- FINA-A 490 Topics in Art History (3cr. repeatable) (3 cr. hrs.)
 - minimum grade C
- FINA-A 495 Readings and Research in Art History (1 – 4 cr. repeatable for a total of 9 cr.) (3 cr. hrs.)
 - minimum grade C

Students must also complete a 400 level Senior Seminar in Art History:

- FINA-A 400 Senior Seminar in Art History (4 cr. hrs.)
 - minimum grade C

Minor in Fine Arts

Fine Arts Program Studio Policies and Degree Requirements

Students are responsible for degree requirements and the Fine Arts Department policies which include:

- **Professional Disposition:** The IU Southeast Fine Arts Program has determined that a student's demonstration of professional disposition and his/her adherence to specified minimum standards of conduct are essential to the successful participation in and completion of the program. The IU Southeast Fine Arts Disposition Code is a program level set of minimum standards that complements but does not supersede the broader IU Code of Students Rights, Responsibilities, and Conduct. The specific standards of the code and its implementation will be made available to students in course syllabi.
- **Art Transfer Credit Review:** Transfer students with art credit from other institutions must have a transfer portfolio review in order to determine which courses from other institutions will be accepted as satisfying the Indiana University Southeast Fine Arts studio requirements. For guidelines for submitting a transfer portfolio, please contact the School of Arts and Letters Academic Advising office.
- **Academic Standing in Fine Arts Studio Courses:** Students must receive a grade of C or higher in all studio and art history courses. A student can repeat a course no more than two times. If the required course is not passed with a grade of C or higher a student will not be continued in the program.

Minor Specific Requirements - 18 credit hours

- FINA-F 100 Fundamental Studio - Drawing (3 cr. hrs.)
 - minimum grade C
- FINA-F 101 Fundamental Studio - 3D (3 cr. hrs.)
 - minimum grade C
- Choose 1: (cr. hrs.)
 - minimum grade
- FINA-F 102 Fundamental Studio - 2D (3 cr. hrs.)
 - minimum grade C
- FINA-D 210 Digital Art: Survey and Practice (3 cr. hrs.)
 - minimum grade C

Select one of the following tracks:

Track 1 (pre-requisites: FINA-F 100, FINA-F 101, FINA-D 210) Select 2 of the following:

- FINA-S 260 Ceramics 1 (3 cr. hrs.)

- minimum grade C

- FINA-S 250 Graphic Design 1 (3 cr. hrs.)

- minimum grade C

- FINA-S 217 Video Art (3 cr. hrs.)

- minimum grade C

Select a 300-Level Studio Course 3 C

Track 2 (pre-requisites FINA-F 100, FINA-F 101, FINA-F 102): Select 2 of the following:

- FINA-S 260 Ceramics 1 (3 cr. hrs.)

- minimum grade C

- FINA-S 200 Drawing 1 (3 cr. hrs.)

- minimum grade C

- FINA-S 230 Painting 1 (3 cr. hrs.)

- minimum grade C

- FINA-S 240 Printmaking 1 (3 cr. hrs.)

- minimum grade C

- Select a 300-level Studio Course (3 cr. hrs.)

- minimum grade C

Studio Art Minor (Fine Art Degree)

The minor for students pursuing the BFA or BA in studio allows Fine Arts students to gain more experience in an area outside of their BFA or BA curriculum. The studio minor facilitates an even broader experience in studio studies by providing students the opportunity to explore another studio area of focus with greater depth.

Painting

Dept.	Course Number	Course Name	Credit Hours	Minimum Grade
FINA-S	345	Life Drawing	3	C
FINA-S	438	Water Media	3	C
FINA-S	331	Painting II*	3	C
FINA-S	431	Painting III*	6 (take twice)	C

Drawing

Dept.	Course Number	Course Name	Credit Hours	Minimum Grade
FINA-S	345	Life Drawing	3	C
FINA-S	348	Water Media	3	C

FINA-S	301	Drawing II*	3	C
FINA-S	401	Drawing III*	6 (take twice)	C

Ceramics

Dept.	Course Number	Course Name	Credit Hours	Minimum Grade
FINA-S	361	Ceramics II*	6 (take twice)	C
FINA-S	461	Ceramics III*	6 (take twice)	C
FINA-S	463	Topics in Studio Ceramics	3	C

Printmaking

Choose 3 (9 units):

Dept.	Course Number	Course Name	Credit Hours	Minimum Grade
FINA-S	341	Printmaking3 - Intaglio	3	C
FINA-S	343	Printmaking3 II - Lithography	3	C
FINA-S	344	Printmaking3 II - Silkscreen	3	C
FINA-S	348	Printmaking3 II - Relief	3	C

Choose two (6 units):

Dept.	Course Number	Course Name	Credit Hours	Minimum Grade
FINA-S	441	Printmaking3 III - Intaglio	3	C
FINA-S	443	Printmaking3 III - Lithography	3	C
FINA-S	445	Relief Printmaking Media	3	C

Graphic Design

Dept.	Course Number	Course Name	Credit Hours	Minimum Grade
FINA-S	310	Photography**	3	C
FINA-P	323	Web Design**	3	C
FINA-S	351	Typography3	3	C
FINA-S	305	Design Center*	3-6	C
FINA-S	451	Advanced Graphic Design*	3-6	C

****FINA-S 310** - If this course has been taken as an elective or is required by a BFA concentration area, e.g. DAIM, students would need to take more of FINA-S 305 and FINA-S 451.

****FINA-P 323** - If this course has been taken as an elective or is required by a BFA concentration area, e.g. DAIM, students would need to take more of FINA-S 305 and FINA-S 451.

Digital Art

Dept.	Course Number	Course Name	Credit Hours	Minimum Grade
FINA-S	310	Photo**	3	C
FINA-P	323	Web Design**	3	C
FINA-D	310	Interactive Media*	3	C
FINA-D	410	Advanced Multimedia*	3	C

****FINA-S 310** - If this course has been taken as an elective or is required by a BFA concentration, e.g. Graphic Design, students would need to take more of FINA-D 310 and FINA-D 410.

****FINA-P 323** - If this course has been taken as an elective or is required by a BFA concentration area, e.g. Graphic Design, students would need to take more of FINA-D 310 and FINA-D 410.

*Repeatable studio courses

Bachelor of Fine Arts (B.F.A.)

Program Description

The B.F.A. is for the student who seeks a professional degree that can lead to continued study on the graduate level or for the student who plans to make a career in Fine Arts. Acceptance into the B.F.A. program requires a formal application and portfolio review of artwork consistent with the intended concentration. Studio Areas/concentrations include Ceramics, Digital Art, Drawing, Graphic Design, Painting, and Printmaking.

Mission/Vision Statement

The mission of the Fine Arts program at Indiana University Southeast is to continuously design, build, and implement high quality programs of study in the visual arts and art history that supports, integrates, and contributes to the missions of the School of Arts and Letters and the University. The program affirms and nurtures the intellectual and creative spirits of each individual while providing knowledge and structure to promote the appreciation and understanding of art and art history and of their contributions to the cultures and histories of humanity. Each student is encouraged to develop their own unique vision and critical thinking methods, and to come to a greater understanding and appreciation of the diverse responses and contributions of others. Students will explore how and why they work creatively, as well as

develop appreciation for art in both a contemporary and historical context.

Fine Arts Studio Learning Goals

- Students will be able to conceptualize their ideas visually
- Students will be able to express their interests and goals as artists
- Students will be able to analyze and evaluate their own art
- Students will be able to describe, analyze, interpret and judge the work of other artists
- Students will have knowledge of the vocabulary and concepts used in the study and creation of art
- Students will acquire knowledge and the ability to participate in discourse pertaining to history, art, and culture
- Students will gain a greater understanding of critical thinking methods used in art history, contemporary art, and studio practices
- Students will research and write extensively about their own work and the work of others

Fine Arts Program Studio Policies and Degree Requirements

Students are responsible for degree requirements and the Fine Arts program policies which include:

- **Foundations Portfolio Review:** All Fine Arts students must have a foundations portfolio review. Passing the review is required prior to entering the BA and/or BFA programs and is independent of all studio grades. The portfolio review will also be used to identify weaknesses in a student's progress. During the portfolio review, artwork is formally evaluated.
- **Professional Disposition:** The IU Southeast Fine Arts Program has determined that a student's demonstration of professional disposition and his/her adherence to specified minimum standards of conduct are essential to the successful participation in and completion of the program. The IU Southeast Fine Arts Disposition Code is a program-level set of minimum standards that complements but does not supersede the broader IU Code of Students Rights, Responsibilities, and Conduct. The specific standards of the code and its implementation will be made available to students in course syllabi.
- **Senior Year Requirements:** During the spring semester of senior year students participate in an exhibition of their work.
- **Art Transfer Credit Review:** Transfer students with art credit from other institutions must have a transfer portfolio review in order to determine which courses from other institutions will be accepted as satisfying the Indiana University Southeast Fine Arts studio requirements. For guidelines for submitting a transfer portfolio, please contact the School of Arts and Letters Academic Advising office.
- **Academic Standing in Fine Arts Studio Courses:** Students must receive a grade of C or higher in all studio and art history courses. A student can repeat a course no more than two times. If the required course is not passed with a grade of C or higher

a student will not be allowed to continue in the program.

Fine Arts Scholarships and Awards

- Outstanding Student Award
- Martha K. Stem Scholarship
- Kate Torp Scholarship
- Rebecca Jennings Award
- Adam Woepel Scholarship

Common Requirements/Core Program: All B.F.A. students are required to take a core set of classes in the program.

- FINA-F 100 Fundamental Studio - Drawing (3 cr. hrs.)
 - minimum grade C
- FINA-F 101 Fundamental Studio - 3D (3 cr. hrs.)
 - minimum grade C
- FINA-F 102 Fundamental Studio - 2D (3 cr. hrs.)
 - minimum grade C
- FINA-D 210 Digital Art: Survey and Practice (3 cr. hrs.)
 - minimum grade C
- FINA-A 101 Ancient and Medieval Art (3 cr. hrs.)
 - minimum grade C
- FINA-A 102 Renaissance through Modern Art (3 cr. hrs.)
 - minimum grade C

General Education Component

Note: This is not a re-statement of the University's General Education Requirement but a list of specific General Education courses, which are also requirements or pre-requisites for course work in the school/major.

- ENG-W 290 Writing in the Arts and Sciences (3 cr. hrs.)
 - minimum grade C

200-level Studio Courses

All B.F.A students in Fine Arts must take the required 200-level course in each of the six studio concentration areas.

Bachelor of Fine Art with Studio Concentrations (B.F.A.)

To be eligible to apply to the B.F.A., students must also have completed a minimum of two of the required 200-level studio courses with concurrent enrollment in the third. Once accepted into the B.F.A program, all students must take an additional 21 credits of 300 and 400-level required courses in their studio concentration area.

Permission required for all studio courses beyond the foundation level. The School of Arts and Letters advisor must approve any exceptions.

Upper-Level Requirements for Completion of the Bachelor of Fine Arts (B.F.A.) with a studio major - In

addition to the required fundamental studios, all 200-level studios, required 300 and 400-level courses in their studio major.

- FINA-U 400 Sources and Resource: Professional Skills (3 cr. hrs.)
 - minimum grade C
- FINA-U 401 Special Topics in Studio Art or Any additional 300 or 400 level studio course outside of concentration area (6 cr. hrs.)
 - minimum grade C
- FINA-G 400 BFA Final Review (0 cr. hrs.)
 - minimum grade S
- FINA-A 457 Experimental Art Since 1945 (3 cr. hrs.)
 - minimum grade C
- FINA-A 300 or 400 level non-Western art history (3 cr. hrs.)
 - minimum grade C
- FINA-A 300 or 400 level art history (3 cr. hrs.)
 - minimum grade C

B.F.A. Capstone

All B.F.A. studio majors must take FINA-U 400 (B.F.A. Seminar) in the fall semester before their graduation. In addition, in spring semester before graduation all B.F.A. studio majors are required to take FINA-G 400 (B.F.A. Final Review), which includes a written thesis, a defense of that thesis in an oral presentation, and a formal exhibition of their work. B.F.A. seniors will also prepare a digital portfolio of their work that will be kept on file in the Fine Arts program.

- FINA-U or FINA-S 400 3xx/4xx Sources and Resources: Professional Skills in Fine Arts Any additional 300 or 400 level studio course outside the student's concentration area (3 cr. hrs.)
 - minimum grade C
- FINA-G 400 BFA Final Review (0 cr. hrs.)
 - minimum grade S

BFA-level Course Policy in each Fine Art Area

The only students permitted to enroll in each area's BFA-level course are those that have already been accepted into the BFA Program in that concentration. BFA-level courses include: FINA-S462 (Ceramics), FINA-S412 (Digital Art), FINA-S405 (Drawing), FINA-S452 (Graphic Design), FINA-S432 (Painting), and FINA-S442 (Printmaking).

Special Requirements for Concentrations:

Ceramics Concentration

- FINA-S 260 Ceramics 1 (3 cr. hrs.)
 - minimum grade C
- FINA-S 361 Ceramics 2 (3 cr. hrs.)
 - minimum grade C

- FINA-S 461 Ceramics 3 (3 cr. hrs.)
 - minimum grade C
- FINA-S 463 Topics in Studio Ceramics (3 cr. hrs.)
 - minimum grade C
- FINA-S 462 BFA Ceramics (3 cr. hrs.)
 - minimum grade C
- FINA-S 462 BFA Ceramics (3 cr. hrs.)
 - minimum grade C
- FINA-S 462 BFA Ceramics (3 cr. hrs.)
 - minimum grade C
- FINA-S 462 BFA Ceramics (3 cr. hrs.)
 - minimum grade C

Digital Art Concentration

- FINA-S 217 Introduction to Video Art(3 cr. hrs.)
 - minimum grade C
- FINA-D or FINA-P 410 323 Advanced Multimedia Web Design (3 cr. hrs.)
 - minimum grade C
- FINA-S 310 Photography (3 cr. hrs.)
 - minimum grade C
- FINA-D 410 Advanced Multimedia(3 cr. hrs.)
 - minimum grade C
- FINA-D 412 BFA Digital Art(3 cr. hrs.)
 - minimum grade C
- FINA-D 412 BFA Digital Art(3 cr. hrs.)
 - minimum grade C
- FINA-D 412 BFA Digital Art(3 cr. hrs.)
 - minimum grade C
- FINA-D 412 BFA Digital Art(3 cr. hrs.)
 - minimum grade C

Drawing Concentration

- FINA-S 200 Drawing 1 (3 cr. hrs.)
 - minimum grade C
- FINA-S 301 Drawing 2 (3 cr. hrs.)
 - minimum grade C
- FINA-S 345 Life Drawing (3 cr. hrs.)
 - minimum grade C
- FINA-S 401 Drawing 3 (3 cr. hrs.)
 - minimum grade C

- minimum grade C
- FINA-S 405 BFA Drawing (3 cr. hrs.)
 - minimum grade C
- FINA-S 405 BFA Drawing (3 cr. hrs.)
 - minimum grade C
- FINA-S 405 BFA Drawing (3 cr. hrs.)
 - minimum grade C
- FINA-S 405 BFA Drawing (3 cr. hrs.)
 - minimum grade C

Graphic Design Concentration

Permission for S305 is required from the Design Center Coordinator and can be used to substitute for credit hours in S452.

- FINA-S 250 Graphic Design 1 (3 cr. hrs.)
 - minimum grade C
- FINA-S 351 Typography 1 (3 cr. hrs.)
 - minimum grade C
- FINA-S 305 Internship: Graphic Design (3 cr. hrs.)
 - minimum grade C
- FINA-P 323 Introduction to Web Design (3 cr. hrs.)
 - minimum grade C
- FINA-S 452 BFA Graphic Design (3 cr. hrs.)
 - minimum grade C
- FINA-S 452 BFA Graphic Design (3 cr. hrs.)
 - minimum grade C
- FINA-S 310 Photography (3 cr. hrs.)
 - minimum grade C
- FINA-S 306 Digital Illustration (3 cr. hrs.)
 - minimum grade C

Painting Concentration

- FINA-S 230 Painting 1 (3 cr. hrs.)
 - minimum grade C
- FINA-S 331 Painting 2 (3 cr. hrs.)
 - minimum grade C
- FINA-S 438 Water Media (3 cr. hrs.)
 - minimum grade C
- FINA-S 431 Painting 3 (3 cr. hrs.)
 - minimum grade C

- FINA-S 432 BFA Painting (3 cr. hrs.)
 - minimum grade C
- FINA-S 432 BFA Painting (3 cr. hrs.)
 - minimum grade C
- FINA-S 432 BFA Painting (3 cr. hrs.)
 - minimum grade C
- FINA-S 432 BFA Painting (3 cr. hrs.)
 - minimum grade C

Printmaking Concentration

- FINA-S 240 Basic Printmaking Media (3 cr. hrs.)
 - minimum grade C
- Select one from FINA-S 341, 343, 344, 348 3 C
 - Select one from FINA-S 341, 343, 344, 348 (3 cr. hrs.)
 - minimum grade C
 - Select one from FINA-S 341, 343, 344, 348 (3 cr. hrs.)
 - minimum grade C
 - Select one from FINA-S 441, 443, and 445 (3 cr. hrs.)
 - minimum grade C
- FINA-S 442 BFA Printmaking (3 cr. hrs.)
 - minimum grade C
- FINA-S 442 BFA Printmaking (3 cr. hrs.)
 - minimum grade C
- FINA-S 442 BFA Printmaking (3 cr. hrs.)
 - minimum grade C

General Studies Program

The Bachelor of General Studies degree is distinctive in that it allows a student considerable freedom to develop a program of study based on his or her interests and prior experiences. This degree program places more emphasis on the breadth of development across academic disciplines than a traditional program within a well-defined major.

Programs

Undergraduate Degrees

- Bachelor of General Studies (B.G.S.)

Certificates

- Certificate in Supervision

Minors

- Minor in Supervision
- Minor in Recreation

School Information

- DSST
- General Degree Requirements for General Studies Degree Program
- General Studies Program
- Self-Acquired Competencies

DSST

DANTES Subject Standardized Tests (DSST)

Through the DSST program, formerly known as DANTES, more than 1,600 participating colleges and universities across the United States award college credit to those who demonstrate that they have knowledge comparable to someone who completed an authorized classroom course in a given subject. It is essential to first check with your academic advisor to see what DSST offerings fit within your current or proposed curriculum. For a complete list of DSST courses, as well as Frequently Asked Questions, go to the Student Development website.

Internet-Based Testing

All DSST test titles are available via Internet-based testing. When taking a DSST test online, you will be required to create a username and password at the time of testing. The test fee is paid by credit card only. Candidates have two hours to complete their examination after they click "Begin Test."

Test Fees and Procedures

DSST exams are \$80 plus \$15 registration (total \$95) payable on-line by credit card (charge subject to change). Please call the Student Development Center at (812) 941-2312 to register for a test appointment.

Score Reports

Candidates testing online can receive immediate test results by viewing their unofficial score report at the end of the testing session.

Retesting Policy

If you do not receive a passing score, you may take the test again after 90 calendar days. Please do not attempt to take the test before the 90 days have passed, because your test will be invalid and your test fee will not be refunded.

For more information about DSST, visit the Student Development Center [webpage](#), which includes a [Frequently Asked Questions](#) document covering DSST.

General Degree Requirements for the General Studies Degree Programs

This *Bulletin* states the general degree requirements for students who enter the university beginning in the fall semester of 2015 through the summer terms of 2017. It also states the requirements in the major for students who officially enter their majors in the same time period. Students should note that the requirements for degree programs that lead to professional certification may change to stay current with certification requirements. Every effort is made to notify students of such changes.

Students who leave the university for more than one year are expected to meet the degree and major requirements that are in effect when they resume their studies. Changes may impact the number and kinds

of courses and credit hours needed to complete the degree.

Bachelor of General Studies (B.G.S.)

Student Learning Goals and Outcomes

The Bachelor of General Studies degree is distinctive in that it allows a student considerable freedom to develop a program of study based on his or her interests and prior experiences. This degree program places more emphasis on the breadth of development across academic disciplines than a traditional program within a well-defined major.

1. Demonstrate Knowledge in more than one discipline
2. Demonstrate writing skills in reasoned argument
3. Demonstrate the ability to address a controversial issue or problem fair-mindedly
4. Demonstrate the ability to integrate knowledge from reliable sources to support an argument
5. Demonstrate the application of knowledge and skills to benefit others in life or work

Degree Requirements

Degree Program Admission Requirements

Admission Procedures

1. Students must complete or have completed 26 credit hours before they can apply to the General Studies degree program, as well as have earned a minimum GPA of 2.0.
2. All applicants must meet with a program advisor for an advising appointment.
3. If applicants have previously attended a college or university, they should direct that institution to forward a transcript to the Office of Admissions, Indiana University Southeast, 4201 Grant Line Road, New Albany, IN 47150.
4. Students who wish to transfer from another academic unit within Indiana University must first make an appointment with a General Studies program advisor.

General Degree Requirements

See "General Requirements for Undergraduate Degrees at IU Southeast" in this Bulletin. Bachelor of General Studies students must fulfill the University's General Education requirements and the minimum requirements to graduate, i.e. 120 hours and a cumulative GPA of at least 2.0. **Please note:** IU Southeast graduates students with the Program G.P.A. However, students planning to attend graduate school should expect to be admitted to those programs based on their Indiana University G.P.A. Students are encouraged to explore specific graduate school's admission requirements, including G.P.A.

Basic Skills/General Education Component

The following courses typify the basic skills expected of a student who earns the Bachelor of General Studies degree. Additionally, some of these courses will also fulfill portions of the University's General Education requirements. NOTE: While a grade of C- or below will count toward your General Education Requirements, a grade of C is required in order for these courses to count toward your areas of concentration of Social Sciences, Arts and Humanities, and Science and Math.

- ENG-W131Writing Composition(3 cr. hrs.)
 - minimum grade C
- COAS-S104Freshman Seminar(1 cr. hrs.)
 - minimum grade C
- PSY-P101Introduction to Psychology I(3 cr. hrs.)
 - minimum grade C
- SOC-S163Social Problems(3 cr. hrs.)
 - minimum grade C
- SPCH-S121Public Speaking(3 cr. hrs.)
 - minimum grade C
- ENG-W290Writing in the Arts and Sciences(3 cr. hrs.)
 - minimum grade C
- MATH-M101Topics in Algebra 4(3 cr. hrs.)
 - minimum grade C
- MATH-M102Topics in Algebra 5(3 cr. hrs.)
 - minimum grade C
- MATH-M110Excursions in Mathematics(3 cr. hrs.)
 - minimum grade C
- MATH-M112Quantitative Literacy I(3 cr. hrs.)
 - minimum grade C
- MATH-M114Quantitative Literacy II(3 cr. hrs.)
 - minimum grade C
- MATH-T101Math for Elementary Teachers 1(3 cr. hrs.)
 - minimum grade C
- MATH-T102Math for Elementary Teachers 2(3 cr. hrs.)
 - minimum grade C
- MATH-T103Math for Elementary Teachers 3(3 cr. hrs.)
 - minimum grade C
- MATH-M118Finite Mathematics(3 cr. hrs.)
 - minimum grade C
- MATH-M122College Algebra(3 cr. hrs.)
 - minimum grade C
- MATH-M119Brief Survey of Calculus(3 cr. hrs.)
 - minimum grade C
- MATH-K300Statistics(3 cr. hrs.)
 - minimum grade C

Distribution and Concentration Requirements

Bachelors of General Studies students are expected to select a concentration in one of three disciplinary areas of learning: Social and Behavioral Sciences (12 credit hours), Humanities (15 credit hours) or Science and Math (14 credit hours). Additionally, each student must select an Area of Concentration (18 additional hours) from one of the aforementioned disciplinary areas. A grade of C is the minimum grade for a course in each disciplinary area. However, within each area, students must otherwise maintain an overall C average.

Students are also required to have 30 credit hours of 300-400 level courses. A minimum of one course in two of the three disciplinary areas must be at 300-level or higher or deemed equivalent by the Dean. Students will consult a list of approved courses for this purpose provided by their advisor.

General Studies students are also required to take a capstone/senior seminar. This course is an upper level course that can be counted in the area of Arts and Humanities, as well as toward the 300-400 upper level requirement. A grade of C or better is required in the capstone course.

Students must receive a grade of C or higher in all courses used to fulfill the Distribution and Concentration requirements. Any course in which the student receives a grade of less than C (C- is less than C) will count only as a general elective toward the 120 hours required for graduation.

Courses taken to complete the Basic Skills and/or General Education requirements may count toward the area distribution and concentration requirements subject to having a sufficient number of courses at the 300-400 level and subject to earning a grade of C.

Electives

Total Hours: 31

Students, in consultation with their academic advisor, are encouraged to concentrate their elective courses in related subjects or to pursue minors that will help them to professionalize the Bachelor of General Studies.

Other Requirements and Limitations

1. A minimum of 30 credit hours of the required 120 credit hours must be taken within the eight campuses of Indiana University.
2. A minimum of 18 credit hours of course work accepted for the B.G.S. degree must be taken after the student has been admitted to the General Studies degree program.
3. Students must have an overall GPA of 2.0 before they can graduate from the General Studies degree program. PLEASE NOTE: IU Southeast graduates students based on the program GPA. However, students planning to attend graduate school may be admitted to those programs based on their Indiana University GPA. Therefore, students are encouraged to explore admission requirements of specific graduate schools, including the GPA.
4. A minimum of 30 credit hours of the required 120 must be taken at the upper-division level, i.e. numbered 300 or above. The 30 credit hours must include at least one 3-credit course from two of the

three areas of learning, which are Social Sciences, Arts and Humanities, and Science and Math.

5. A maximum of 30 hours in each subject will be accepted toward the B.G.S. degree.

Capstone Requirement

The senior seminar is designed to provide a peak experience in pursuing the Bachelor of General Studies degree. Succeeding in the course will demonstrate fulfillment of many of the learning outcomes of the degree, though some are achieved in other courses. It will also signify preparedness "to secure meaningful employment" upon graduation.

In order to enroll in the General Studies senior capstone course, the following guidelines must be followed:

1. General Studies students will be guided to begin planning to take the capstone course in their junior year (56-85 credit hours). The prerequisite for the capstone course is ENG-W 290 Writing for the College of Arts and Sciences. Students must have a grade of C or better in W290.
2. Prior authorization is required from the Manager of General Studies or the General Studies Advisor. Students should plan carefully to avoid the risk of having to take an additional term to graduate. Seats are limited, as only three sections in spring and fall are offered, and one section in the second summer session.
3. Students are encouraged to apply for enrollment in the capstone course the semester before they plan to enroll in the course. They must have 86 credit hours or be in their last semester of school.
4. Students must have a Program GPA of 2.0 or higher to enroll in the capstone course.
5. In order to enroll in the capstone course, students must obtain permission from the Manager or Academic Advisor of the General Studies degree program.

- GNST-G400 General Studies Capstone (3 cr. hrs.)

- minimum grade C

Self-Acquired Competencies

Multiple terms can be used to discuss Prior Learning Assessment (PLA) or Self-Acquired Competency (SAC).

However, the currently preferred language is PLA. Whatever terms may be used, the concept refers to learning that is gained outside a traditional academic environment. It represents knowledge and skills that are acquired as "adults live their lives: working, participating in employer training programs, serving in the military, studying independently, volunteering or doing community service, and studying open source courseware."

Therefore, to earn credits through PLA, the process evaluates and assesses an individual's equivalent life-learning "for college credit, certification, or advanced standing toward further education or training."

IU Southeast has entered into a partnership with the Council for Adult and Experiential Learning (CAEL) to assist students in their degree completion. PLA credit is only applicable in the General Studies degree program. The maximum number of credit hours that can be applied to the General Studies degree is 30 credit

hours. Students interested in PLA may log onto the CAEL website (www.cael.org) for information on how to develop their portfolio. The website also contains valuable information regarding a Developing Your Portfolio (DYP) course, as well as tools for creating a portfolio.

For further information, students should contact the Manager of the General Studies degree program.

General Studies Program

Recent History

The IU Southeast General Studies Program came into existence as a stand-alone academic program on July 1, 2012, with the disbanding of the IU system-wide School of Continuing Studies. The General Studies Program administers the Bachelor of General Studies Degree (B.G.S.), the certificate in supervision, and minors in supervision and recreation, and functions within the Office of Academic Affairs. It operates independently of the six IU Southeast schools, with the Associate Vice Chancellor of Academic Affairs serving as Dean, supported by the aforementioned staff. It also offers a Certificate/Minor in Supervision and a minor in Recreation.

Mission

The General Studies Program uniquely exists to serve the working adult who has acquired significant knowledge and skills from different sources. This program helps students transform their credits from other college programs, associate degrees, the military, or additional self-acquired competencies into a B.G.S. and/or a certificate/minor in order to pursue educational or career opportunities that may not fit readily into an existing major.

Admission Requirements/Transfer Procedures

The General Studies Program is open to all qualified high school graduates or individuals with the General Educational Development (GED) certificate. Any student with a minimum of 26 credit hours and a minimum GPA of 2.0 may apply for admission as follows:

1. Whether transferring from within the campus or from outside, interested applicants must meet with one of the General Studies academic advisors.
2. Applicants who have already attended a college or university should direct their prior institution(s) to forward an official transcript to the Office of Admissions, Indiana University Southeast, 4201 Grant Line Road, New Albany, Indiana 47150.

Methods for Acquiring Credit

The General Studies program accepts accredited course work earned through a variety of methods:

1. Up to 90 credit hours of transfer work from accredited institutions may be accepted from a four-year college, or up to 64 credit hours from a two-year college. The 90 hours may be in combination from a two and a four-year college. These hours may also include up to 30 technical hours of elective credit from Purdue University in mechanical or electrical engineering, and/or computer graphics technology. Such course work must have grades of C or better to be transferrable to IU Southeast.
2. After meeting with a General Studies academic advisor, students may earn credit by examination by taking one or more DSST exams administered

through the IU Southeast Student Development Center (only applies to the B.G.S. degree).

3. Students may also apply for Prior Learning Assessment (PLA) via the Learning Counts Program, from CAEL. PLA is formerly known as Credit for Life Experience or SAC credit. Information may be gained from the CAEL website (www.cael.org) or from the manager of the General Studies degree program.
4. Generally, all IU campuses accept for transfer credit those recommended by the American Council on Education (ACE), through whether they count toward the major, toward general education, or as an elective may vary. For the full policy, see <http://policies.iu.edu/policies/categories/academic-faculty-students/academic-student-affairs/transfer-credit-military.pdf>.

Individualized Major Program

While the needs of most students are well served by existing majors offered on campus, some students have academic interests that do not fit well into existing programs or traditional disciplinary boundaries. The Individualized Major Program (IMP) in the School of Arts and Letters meets the needs of such students. It serves disciplined and self-motivated students who may wish to major in traditional disciplines or interdisciplinary areas for which majors are not available at IUS, as well as those who wish to fashion unique and original interdisciplinary majors that reflect their individual experience, interests, and needs. These include students whose work and life experiences suggest the need for fresh ways of organizing existing courses into meaningful new majors, as well as innovative students who wish to bring together course work in several disciplines to focus on a specific area or make unusual yet valid connections between areas that are rarely studied together. The IMP can also serve transfer students who wish to continue work started elsewhere in areas in which IUS has faculty expertise but no organized majors.

Contact Information

Arts and Letters Office: (812) 941-2342

Academics

Undergraduate Degrees

- Bachelors of Arts

Individualized Major Program (Bachelor of Arts)

Unlike other majors, which prescribe a fixed area of study, the individualized major provides a structure that allows such students, in consultation with faculty members, to design their own majors on various topics and fields of study. Each major course of study varies in accordance with the needs and interests of individual students. Students work closely with faculty advisors, and all individualized majors are overseen and approved by a faculty committee that ensures each student-designed major has intellectual integrity and rigor.

Student Learning Goals

To be determined individually for each student/program.

Degree Program Admission Requirements

Students may not use the IMP program as a device for avoiding requirements of existing majors and concentrations, or when an existing major or concentration substantially meets the intended academic goals of the student.

Basics of the IMP admission and advising process include identification of an IMP advisor, an admissions interview with the Arts and Letters Coordinating Committee, curriculum planning with semester-by-semester review, a degree culmination project, a senior review dossier, and a senior review interview with the Arts and Letters Coordinating Committee.

Students generally apply for admission to the program as sophomores or juniors. Students should have taken at least 15 credit hours before proposing an IMP, and students should have taken fewer than half of the major courses of the proposed IMP before proposing it. A copy of the IMP Admission and Advising/Counseling Procedures can be obtained at the offices of the School of Arts and Letters, Knobview Hall 110, (812) 941-2343.

Bachelor of Interdisciplinary Studies in Arts and Humanities

Program Description: This flexible but focused degree provides students with an outstanding multidisciplinary preparation in the Arts and Humanities, while allowing options to pursue specific academic preparations applicable to their immediate interests and future career aspirations. The integrated curriculum is designed to impart skills in

- Effective written and oral communication
- Critical thinking, and
- Creative problem solving
- Melded with ethical thought and application.

The program is designed for students who.

- Have accumulated many diffused Arts and Humanities credits, but have not settled on an area of concentration
- Have specific career plans that require multiple skill sets not present within any one major within the Arts and Humanities
- Have not articulated a specific career aspiration, but want a well-rounded education.

This programs also serves as a flexible 2 + 2 program for students coming out of an AA or AS program from community or technical colleges, as it offers enough flexibility for all credits from an AA or an AS to transfer into the BIS degree.

General Education Component

All BIS students complete the University's General Education Curriculum. Beyond that, BIS students complete:

- 3 credits from any approved Life/Physical Sciences course the [BA Distribution List](#).
- 3 credits from any approved Social/Behavioral Sciences course the [BA Distribution List](#).

Module Requirements

60 credits total; all courses completed with a grade of "C" or better.

Students select courses to fulfill 3 Areas of Focus, in conjunction with their advisors. From what departments student select courses to build their focus areas will vary depending on student academic history to date, current interests in exploration, and after-graduation career goals.

Upper Division Area of Focus 1

Complete 6 credits (typically 2 courses) at 200-level; and 9 credits (typically 3 courses) at the 300 or 400 level

Upper Division Area of Focus 2

Complete 6 credits (typically 2 courses) at 200-level; and 9 credits (typically 3 courses) at the 300 or 400 level

Upper Division Area of Focus 3

Complete 6 credits (typically 2 courses) at 200-level; and 9 credits (typically 3 courses) at the 300 or 400 level

General Electives

Complete 36 credits (typically 12 courses; depends on the the credit value of course selected); of which 3 must be at the 300 or 400 level.

Interdisciplinary Studies

The B.I.S. gives students the skills that employers in a variety of fields are looking for, while laying the foundation for successful entry into careers that value research skills, communication skills, team project experience, innovation, computer and multi-media competency, critical thinking, time management and generally informed perspectives about the world.

Contact Information

Arts and Letters Office: (812) 941-2342

Website: <https://www.ius.edu/interdisciplinary-studies/>

Academics

Undergraduate Degrees

- Bachelor of Interdisciplinary Studies - Arts & Humanities

Undergraduate Certificates

- Multimedia Production
- Women and Gender Studies

Modern Languages

We believe that language exists as both a necessary precondition and an inevitable consequence of human self-awareness, and that this self-awareness accounts for our drive to understand, interact with, and shape the world. The Department is committed both to teaching practical skills (the structural specifics of French, German or Spanish) and to developing our students' appreciation of the fundamental role that language and cultural diversity play in defining and refining our humanity. We offer Bachelor of Arts degrees, minors, and certificates in French, German, and Spanish, as well as a four-semester introductory course sequence in Japanese.

Contact Information

Arts and Letters Office: (812) 941-2342

Website: <https://www.ius.edu/modern-languages/>

Academics

Undergraduate Degrees

- Bachelor of Arts in French
- Bachelor of Arts in German
- Bachelor of Arts in Spanish

Undergraduate Certificates

- Second Language Competency Certificate

Minors

- French Minor
- German Minor
- Spanish Minor

Modern Languages - French (Bachelor of Arts)

Students in every field benefit from proficiency in a modern language, as it develops critical-thinking skills, a deeper understanding of their own first language, and the realization that ways of viewing the world and life's possibilities are much broader than the boundaries defined by a monolingual perspective. Another language broadens appreciation for one's culture and that of others. It prepares one for active citizenship in an increasingly multicultural and multilingual world. In a highly competitive world, with an ever more intertwined global economy, proficiency in at least one additional language represents a very real and invaluable asset. It allows wider access to diverse opportunities for career in business, law, government, communication, medicine, and most other fields. We recommend a major in a modern language or a double major including a modern language, to all students pursuing a bachelor's degree on this campus. In addition, all language majors at IU Southeast are encouraged to minor in one of the other modern languages offered.

Mission/Vision Statement

The Department of Modern Languages at IU Southeast believes that the study of a language should enable the student to participate in written and oral communication in the foreign language. Through language study, students gain knowledge and understanding of the cultures of the world, connect with other disciplines and acquire information that may be unavailable to the monolingual English speaker, develop insight into the nature of language and culture, become more aware of the inner workings and richness of their first language, and participate in communities at home and abroad. The Spanish, French, and German undergraduate programs are designed for those who desire a greater understanding of the world through the study of language, contemporary culture, history, literature, music, and film. Specifically, Spanish, French, and German majors receive excellent professional preparation for a career as language teachers (note that there are additional requirements for teacher certification) and for entry into an advanced degree program. To expand employment options, students are encouraged to combine a language degree with a major in one or more additional fields.

Student Learning Goals

- Students will demonstrate ability to communicate orally in French.
- Students will demonstrate ability to understand spoken French.
- Students will demonstrate ability to write accurately, convincingly, and in a logical, organized fashion in French.
- Students will demonstrate an ability to read, understand, and analyze texts written in French.
- Students will demonstrate knowledge of literature, history, and contemporary culture of French-speaking cultures around the world.
- Students will demonstrate an awareness of the significance of diverse cultural perspectives in shaping the way different peoples view themselves, approach the world they live in and view the actions and lives of others.

Department Policies

Student candidates for the Bachelor of Arts in a modern language must complete a minimum of 30 credit hours above the 100-level, some of which may be taken overseas (see the "Overseas Study" section of this *Bulletin*) or through other local colleges and universities in the area with whom IU Southeast has entered into consortium agreements. Additionally, only one online course completed at an institution other than IU Southeast can be used towards fulfillment of the major requirements.

Degree Requirements

See "General Requirements for Undergraduate Degrees at IU Southeast" and "General Requirements for the Bachelor of Arts Degree."

French Major Specific Requirements

Fundamental Courses

- FREN-F 200 Second-Year French I: Language & Culture (3 cr. hrs.)
 - minimum grade C-
- FREN-F 250 Second-Year French II: Language & Culture (3 cr. hrs.)
 - minimum grade C-

Candidates for the Bachelor of Arts in French must earn 18 credit hours of 300-level courses from among the following course selections or their equivalents as determined by the coordinator in French. With permission of the coordinator in French, a course at the 400-level may be substituted

300-Level Electives

- FREN-F 300 Lectures et analyses littéraires (3 cr. hrs.)
 - minimum grade C-
- FREN-F 305 Chefs-d'oeuvre de la littérature française I (3 cr. hrs.)
 - minimum grade C-
- FREN-F 306 Chefs-d'oeuvre de la littérature française II (3 cr. hrs.)
 - minimum grade C-

- FREN-F 313 Advanced Grammar and Composition I (3 cr. hrs.)
 - minimum grade C-
- FREN-F 314 Advanced Grammar and Composition II (3 cr. hrs.)
 - minimum grade C-
- FREN-F 315 French Conversation and Diction I (3 cr. hrs.)
 - minimum grade C-
- FREN-F 316 French Conversation and Diction II (3 cr. hrs.)
 - minimum grade C-
- FREN-F 320 Travaux pratiques de prononciation française (3 cr. hrs.)
 - minimum grade C-
- FREN-F 363 Introduction à la France moderne (3 cr. hrs.)
 - minimum grade C-
- FREN-F 391 Studies in French Film (3 cr. hrs.)
 - minimum grade C-

Candidates for the Bachelor of Arts in French must earn at least 6 credit hours of 400-level courses from among the following course selections or their equivalents as determined by the coordinator in French.

400-Level Electives

- FREN-F 415 La culture francophone (3 cr. hrs.)
 - minimum grade C-
- FREN-F 461 La France contemporaine (3 cr. hrs.)
 - minimum grade C-
- FREN-F 474 Thème et version (3 cr. hrs.)
 - minimum grade C-
- FREN-F 475 Advanced Oral Practice I (3 cr. hrs.)
 - minimum grade C-
- FREN-F 495 Individual Readings in French (3 cr. hrs.)
 - minimum grade C-

Study Abroad or an International Engagement Activity

In addition, study abroad or an international engagement activity is required for the BA degree. The international engagement activity is reserved for those students with a demonstrated inability to study abroad. This alternative engagement activity must be developed in consultation with a Modern Languages faculty member. Study in approved study abroad programs will be applied to fulfillment of other requirements in the major. Students should speak with a Modern Languages faculty member for more details.

Students majoring in French may also qualify for a second credential, the Certificate in Second Language Competency. The certificate differs from the major in that it requires a B in each course in that curriculum.

Minor in French

Minor Requirements

Fundamentals Courses

- FREN-F 200 Second-Year French I: Language & Culture (3 cr. hrs.)
 - minimum grade C
- FREN-F 250 Second-Year French II: Language & Culture (3 cr. hrs.)
 - minimum grade C

Candidates for the minor in French must earn 9 credit hours of 300- and/or 400-level courses from among the following selections; or their equivalents as determined by the coordinator in French.

Electives

- FREN-F 300 Lectures et analyses littéraires (3 cr. hrs.)
 - minimum grade C
- FREN-F 305 Chefs-d'oeuvre de la littérature française I (3 cr. hrs.)
 - minimum grade C
- FREN-F 306 Chefs-d'oeuvre de la littérature française II (3 cr. hrs.)
 - minimum grade C
- FREN-F 313 Advanced Grammar and Composition I (3 cr. hrs.)
 - minimum grade C
- FREN-F 314 Advanced Grammar and Composition II (3 cr. hrs.)
 - minimum grade C
- FREN-F 315 French Conversation and Diction I (3 cr. hrs.)
 - minimum grade C
- FREN-F 316 French Conversation and Diction II (3 cr. hrs.)
 - minimum grade C
- FREN-F 320 Travaux Pratiques de Prononciation Française (3 cr. hrs.)
 - minimum grade C
- FREN-F 363 Introduction à la France moderne (3 cr. hrs.)
 - minimum grade C
- FREN-F 391 Studies in French Film (3 cr. hrs.)
 - minimum grade C
- FREN-F 415 La culture francophone (3 cr. hrs.)
 - minimum grade C
- FREN-F 461 La France contemporaine (3 cr. hrs.)
 - minimum grade C
- FREN-F 474 Thème et version (3 cr. hrs.)
 - minimum grade C
- FREN-F 475 Advanced Oral Practice I (3 cr. hrs.)

- minimum grade C
- FREN-F 495 Individual Readings in French (1-3 cr. hrs.)
- minimum grade C

Modern Languages - German (Bachelor of Arts)

Students in every field benefit from proficiency in a modern language, because it develops critical-thinking skills, a deeper understanding of their own first language, and the realization that ways of viewing the world and life's possibilities are much broader than the boundaries defined by a monolingual perspective. Another language broadens appreciation for one's culture and that of others. It prepares one for active citizenship in an increasingly multicultural and multilingual world.

In a highly competitive world, with an ever more intertwined global economy, proficiency in at least one additional language represents a very real and invaluable asset. It allows wider access to diverse opportunities for careers in business, law, government, communication, medicine, and many other fields. We recommend a major in a modern language or a double major including a modern language, to all students pursuing a bachelor's degree on this campus. In addition, all language majors at IU Southeast are encouraged to minor in one of the other modern languages offered.

Mission/Vision Statement

The Department of Modern Languages at IU Southeast believes that the study of a language should enable the student to participate in written and oral communication in the foreign language. Through language study, students gain knowledge and understanding of the cultures of the world, connect with other disciplines and acquire information that may be unavailable to the monolingual English speaker, develop insight into the nature of language and culture, become more aware of the inner workings and richness of their first language, and participate in communities at home and abroad. The Spanish, French, and German undergraduate programs are designed for those who desire a greater understanding of the world through the study of language, contemporary culture, history, literature, music, and film. Specifically, Spanish, French, and German majors receive excellent professional preparation for a career as language teachers (note that there are additional requirements for teacher certification) and for entry into an advanced degree program. To expand employment options, students are encouraged to combine a language degree with a major in one or more additional fields.

Student Learning Goals

- Students will demonstrate ability to communicate orally in the target German.
- Students will demonstrate ability to understand spoken German.
- Students will demonstrate ability to write accurately, convincingly, and in a logical, organized fashion in German.
- Students will demonstrate an ability to read, understand, and analyze texts written in German.

- Students will demonstrate knowledge of literature, history, and contemporary culture of the German-speaking culture around the world.
- Students will demonstrate an awareness of the significance of diverse cultural perspectives in shaping the way different peoples view themselves, approach the world they live in and view the actions and lives of others

Department Policies

Student candidates for the Bachelor of Arts in a modern language must complete a minimum of 30 credit hours above the 100-level, some of which may be taken overseas (see the "Overseas Study" section of this *Bulletin*) or through other local colleges and universities in the area with whom IU Southeast has entered into consortium agreements. Additionally, only one online course completed at an institution other than IU Southeast can be used towards fulfillment of the major requirements.

Degree Requirements

See "General Requirements for Undergraduate Degrees at IU Southeast" and "General Requirements for the Bachelor of Arts Degree."

Major Specific Requirements

- GER-G 200 Intermediate German (3 cr. hrs.)
- GER-G 250 Intermediate German II (3 cr. hrs.)

Two Advanced Language courses

- GER-G 275 Deutsch: Mittelstufe I (3 cr. hrs.)
- GER-G 310 Deutsch: Mittelstufe II (3 cr. hrs.)
- GER-G 311 Composition and Conversation (3 cr. hrs.)
- GER-G 340 German Language and Society Past and Present (3 cr. hrs.)
- GER-G 345 Introduction to Practical Translation I (3 cr. hrs.)
- GER-G 346 Introduction to Practical Translation II (3 cr. hrs.)

One course in literature

- GER-G 305 Introduction to German Literature: Types (3 cr. hrs.)
- GER-G 306 Introduction to German Literature: Themes (3 cr. hrs.)

One course in culture studies

- GER-G 362 Introduction to Contemporary Germany (3 cr. hrs.)
- GER-G 363 Introduction to German Cultural History (3 cr. hrs.)

Four 400-level courses in language, literature or culture

Study Abroad or an International Engagement Capstone Experience

In addition, study abroad or an international engagement activity is required for the BA degree. The international engagement activity is reserved for those majors with a demonstrated inability to study abroad. This alternative engagement activity must be developed in consultation with a Modern Languages faculty member and may include substantial community engagement or a substantial directed research project. Study in approved study abroad programs will be applied to fulfillment of other requirements in the major. Students should speak with a Modern Languages faculty member for more details.

Students majoring in German may also qualify for a second credential, the Certificate in Second Language Competency. The certificate differs from the major in that it requires a B in each course in that curriculum.

Minor in German

Required Courses

- GER-G 200 Intermediate German I (3 cr. hrs.)
 - minimum grade C
- GER-G 250 Intermediate German II (3 cr. hrs.)
 - minimum grade C

Electives

Candidates for the minor in German must also complete three additional courses at the 300-level or above with a minimum C grade.

Modern Languages - Spanish (Bachelor of Arts)

Students in every field benefit from proficiency in a modern language, as it develops critical-thinking skills, a deeper understanding of their own first language, and the realization that ways of viewing the world and life's possibilities are much broader than the boundaries defined by a monolingual perspective. Another language broadens appreciation for one's culture and that of others. It prepares one for active citizenship in an increasingly multicultural and multilingual world.

In a highly competitive world, with an ever more intertwined global economy, proficiency in at least one additional language represents a very real and invaluable asset. It allows wider access to diverse opportunities for careers in business, law, government, communication, medicine, and most other fields.

We recommend a major in a modern language or a double major including a modern language, to all students pursuing a bachelor's degree on this campus. In addition, all language majors at IU Southeast are encouraged to minor in one of the other modern languages offered.

Mission/Vision Statement

The study of a language should enable students to engage with diverse communities at home and abroad. Through language study, students gain knowledge and understanding of the cultures of the world, connect with other disciplines, acquire information that may be unavailable to the monolingual English speaker, develop insight into the nature of language and culture, and

become more aware of the mechanics and richness of their first language.

The Spanish, French, and German undergraduate programs are designed for those who desire a greater understanding of the world through the study of language, contemporary culture, history, literature, music, and film. Additionally, in a highly competitive world, with an increasingly intricate global economy, proficiency in at least one additional language creates myriad opportunities for careers in business, law, government, communication, medicine, and many other fields. Our majors receive excellent professional preparation for a career as language teachers (note that IUS offers a minor in Education which includes student teaching) and for entry into an advanced degree program. To expand employment options, students are encouraged to combine a language degree with a major in one or more additional areas.

Student Learning Goals

- Students will demonstrate ability to communicate orally in Spanish.
- Students will demonstrate ability to understand spoken Spanish.
- Students will demonstrate ability to write accurately, convincingly, and in a logical, organized fashion in Spanish.
- Students will demonstrate an ability to read, understand, and analyze texts written in Spanish.
- Students will demonstrate knowledge of literature, history, and contemporary culture of Spanish-speaking communities around the world.
- Students will demonstrate an awareness of the significance of diverse cultural perspectives in shaping the way different peoples view themselves, approach the world they live in, and view the actions and lives of others.

Department Policies

- Students must complete language courses (200 and above) with a C or better.
- Only one online course completed at an institution other than IU Southeast can be used towards fulfillment of the major requirements.
- Student candidates for the Bachelor of Arts in a modern language must complete a minimum of 30 credit hours above the 100-level, some of which may be taken overseas (see Overseas Study) or through other local colleges and universities in the area with whom IU Southeast has entered into consortium agreements.
- Students majoring in a language must include study abroad in a country that speaks the target language or an approved equivalent as part of their undergraduate curriculum (strongly recommended for minor). Studying abroad can be an efficient way to complete coursework, and it enable students to develop a level of communicative skill and cultural competence that is difficult to attain in the classroom setting alone. See full-time faculty for more information.

Degree Requirements

See "General Requirements for Undergraduate Degrees at IU Southeast" and "General Requirements for the Bachelor of Arts Degree."

Major Specific Requirements

Required Courses

- SPAN-S 200 Second-Year Spanish I (3 cr. hrs.)
 - minimum grade C
- SPAN-S 250 Second-Year Spanish II (3 cr. hrs.)
 - minimum grade C
- SPAN-S 312 Written Composition in Spanish (3 cr. hrs.)
 - minimum grade C
- SPAN-S 317* Spanish Conversation and Diction (3 cr. hrs.)
 - minimum grade C
- SPAN-S 411 Spain: The Cultural Context, OR SPAN-S 412 Spanish America: The Cultural Context (3 cr. hrs.)
 - minimum grade C

*Native speakers can not apply credit for SPAN-S 317 towards the major requirements and should substitute any 300- or 400- level course that is not already required. SPAN-S 317 may be repeated once for credit in a study abroad.

Upper Level Electives

Candidates for the Bachelor of Arts in Spanish must earn 15 credit hours from the following courses, at least one course must be at the 400-level. Students may substitute additional 400-level courses for 300-level courses if they so choose.

- SPAN-S 275* Hispanic Culture and Conversation (3 cr. hrs.)
 - minimum grade C
- SPAN-S 291* Hispanic Literature and Civilization (3 cr. hrs.)
 - minimum grade C
- SPAN-S 301 The Hispanic World I (3 cr. hrs.)
 - minimum grade C
- SPAN-S 302 The Hispanic World II (3 cr. hrs.)
 - minimum grade C
- SPAN-S 303 The Hispanic World III (3 cr. hrs.)
 - minimum grade C
- SPAN-S 311 Spanish Grammar (3 cr. hrs.)
 - minimum grade C
- SPAN-S 363** Introducción a la cultura hispánica (3 cr. hrs.)
 - minimum grade C
- SPAN-S 407 Survey of Spanish Literature I (3 cr. hrs.)
 - minimum grade C

- SPAN-S 408 Survey of Spanish Literature II (3 cr. hrs.)
 - minimum grade C
- SPAN-S 420 Modern Spanish American Prose Fiction (3 cr. hrs.)
 - minimum grade C
- SPAN-S 450 Don Quixote (3 cr. hrs.)
 - minimum grade C
- SPAN-S 471 Spanish American Literature I (3 cr. hrs.)
 - minimum grade C
- SPAN-S 472 Spanish American Literature II (3 cr. hrs.)
 - minimum grade C
- SPAN-S 494 Individual Readings in Hispanic Studies (1-3 cr. hrs.)
 - minimum grade C

*Native speaker OR students who have previously completed a 300- or 400- level Spanish literature or civilization course will only receive credit for SPAN-S 275 or SPAN-S 291 with the instructor's consent.

** SPAN-S 363 may be repeated once for credit.

Study Abroad or International Engagement Capstone Activity

In addition, study abroad or an international engagement activity is required for the BA degree. The international engagement activity is reserved for those majors with a demonstrated inability to study abroad. This alternative engagement activity must be developed in consultation with a Modern Languages faculty member and may include substantial community engagement or a substantial directed research project. Study in approved study abroad programs will be applied to fulfillment of other requirements in the major. Students should speak with a Modern Languages faculty member for more details.

Students majoring in Spanish may also qualify for a second credential, the Certificate in Second Language Competency. The certificate differs from the major in that it requires a B in each course in that curriculum.

Minor in Spanish

Required Courses

The following courses are required of all students seeking a minor in Spanish.

- SPAN-S200Second Year Spanish I(3 cr. hrs.)
 - minimum grade C
- SPAN-S250Second Year Spanish II(3 cr. hrs.)
 - minimum grade C

Upper-Level Electives

Candidates for the minor in Spanish must earn 9 credit hours selected from the following.

Note: Native speakers will not receive credit for S317. Additionally, native speakers OR students who have

previously completed a 300- or 400-level Spanish literature or civilization course will only receive credit for SPAN-S 275 or SPAN-S 291 with the instructor's consent.

SPAN-S 317 may be repeated once for credit through a study-abroad program.

SPAN-S 363 may be repeated once for credit.

- SPAN-S275Hispanic Culture and Conversation(3 cr. hrs.)
 - minimum grade C
- SPAN-S291Hispanic Lit and Civilization(3 cr. hrs.)
 - minimum grade C
- SPAN-S311Spanish Grammar(3 cr. hrs.)
 - minimum grade C
- SPAN-S312Written Composition in Spanish(3 cr. hrs.)
 - minimum grade C
- SPAN-S317Spanish Conversation and Diction(3 cr. hrs.)
 - minimum grade C
- SPAN-S301The Hispanic World 1(3 cr. hrs.)
 - minimum grade C
- SPAN-S302The Hispanic World 2(3 cr. hrs.)
 - minimum grade C
- SPAN-S303The Hispanic World 3(3 cr. hrs.)
 - minimum grade C
- SPAN-S363Introducción a la cultura hispánica(3 cr. hrs.)
 - minimum grade C
- SPAN-S407Survey of Spanish Literature I(3 cr. hrs.)
 - minimum grade C
- SPAN-S408Survey of Spanish Literature II(3 cr. hrs.)
 - minimum grade C
- SPAN-S411Spain: The Cultural Context(3 cr. hrs.)
 - minimum grade C
- SPAN-S412Spanish America: The Cultural Context(3 cr. hrs.)
 - minimum grade C
- SPAN-S420Modern Spanish American Prose Fiction(3 cr. hrs.)
 - minimum grade C
- SPAN-S450Don Quixote(3 cr. hrs.)
 - minimum grade C
- SPAN-S471Survey of Spanish American Literature I(3 cr. hrs.)
 - minimum grade C

- SPAN-S472Survey of Spanish American Literature II(3 cr. hrs.)
 - minimum grade C
- SPAN-S494Individual Readings in Hispanic Studies(1-3 cr. hrs.)
 - minimum grade C

Certificate in Second Language Competency

Program Description

The Second Language Competency Certificate creates a focused program of study that enables students to achieve a useful level of competency in French, German, or Spanish and provides documentation of their language skills. Students completing the certificate should be able to do the following:

- Converse in target language on a variety of subjects and be understood by native speakers
- Comprehend authentic prose, fiction, and articles in the target language and apply critical thinking skills to readings
- Write essays in the target language with complex sentences on various topics; and
- Possess an awareness of cultural values and beliefs of the world regions where the target language is spoken.

The courses required for the Second Language Competency Certificate fulfill the language requirement for most Bachelor's degrees at IU Southeast.

Placement Exam Requirements

- Students who want to apply transfer credits toward completion of the certificate must take the IUS placement exam. Credit for the certificate will be awarded based on the results of this exam.
- Students who want to apply credits for courses completed more than two years prior to entering the certificate program must take the IUS placement exam. Credit for the certificate will be awarded based on the results of this exam.

Specific Requirements for Certificate in Second Language Competency

Complete the following requirements for a minimum of 17 credit hours. A minimum grade of B is required for each course in the certificate.

- FREN-F or GER-G or SPAN-S 100, 150, 200, & 250 Complete 14 credits of Basic and Intermediate French, German, or Spanish. All 14 credits must be completed in the same language.(14 cr. hrs.)
 - minimum grade B

and varies Take one additional 300-level course in the same language 3 B

Music

Students engage in a broad range of music courses that includes performance, music theory, music history and music technology, as well as classes appropriate for the focus of their selected concentration. A full array

of general academic subjects traditional to the liberal arts provides skills and knowledge in written and oral communication and provides an excellent academic foundation for personal development and professional flexibility. Our goal is to help students fully develop their unique musical abilities with the goal of being prepared in both knowledge and skills for a professional life in music. Our program features small class sizes and attention to the individual.

Contact Information

Arts and Letters Office: (812) 941-2342

Website: <https://www.ius.edu/music/>

Academics

Undergraduate Degrees

- Bachelor of Arts - Music Composition
- Bachelor of Arts - Music Industry
- Bachelor of Arts - Music Performance
- Bachelor of Arts - Pre-Music Therapy
- Bachelor of Science - Audio Production
- Bachelor of Science - Music Business
- Bachelor of Science - Music Education

Minors

- Music Minor
- Music Recording and Production Minor

Music Composition, Film & Media and Concert Stage (Bachelor of Arts)

Mission/Vision Statement

The optimal development of each student's unique musical abilities is our goal. Our faculty of nationally recognized scholars and artists are strongly committed to fostering student learning and academic achievement in the studio and the classroom. The Music Department at IU Southeast offers one of the most musically intensive Bachelor of Arts degrees in the region. Small class sizes and personal attention are designed to enhance student-faculty work and facilitate the learning experience.

Student Learning Goals

Students engage in a rigorous program that combines all aspects of artistic and academic study. Courses in performance or composition and those focused on concentrations in music business and sound engineering teach professional skills and foster creative thinking. The core of music theory and music literature/history develop analytical skills and critical thinking and are designed to give students knowledge of the styles, genres and great works of the musical lexicon. Public performance and ensemble work, as well as internships, provide practical opportunities to hone skills and learn to work cooperatively.

A full array of general academic subjects traditional to the liberal arts provides skills and knowledge in written and oral communication and provides an excellent academic foundation for personal development and professional flexibility.

Assessment of student learning and student success is a major component of the Music program. Student progress is evaluated from the first audition that is required for entrance to the program, through Sophomore

Gateway exams and final capstone projects that measure the student's ability to synthesize skills and musical knowledge through the "voice" of their major concentration. In addition, faculty evaluate student progress and achievement of two basic goals at all levels of study: a substantive knowledge of the fundamental areas of the musical language, including theory, music history/literature and basic music technology, as well as the development of skills in their areas of special concentration such as performance, sound engineering, composition, music business or pre-music therapy.

Graduates are prepared for graduate study or for entrance into career paths such as studio teaching, teaching in the private schools, professional performance, music management, studio recording, arts journalism, composition for video games, movies or the concert stage, intellectual property law, and music librarianship.

Major/Department Policies

Please see our website at: <https://www.ius.edu/music/> for more information.

Scholarships/Award

- Rasmussen Scholarship Award in Music
- Martha K. Stem Scholarship in Music
- James A. Poteet Award for Band
- Sherri L. Stiefler Scholarship in Music

Degree Requirements

Degree Program Admission Requirements

Admission to the Music Department is by audition only. Students applying for admission into the Music Department at Indiana University Southeast to pursue a B.A. in Music degree – as well as those applying for a music scholarship – must attend one of the Music Department's Audition Days. Students can audition in any one of our tracks from our five major concentrations: Music Industry, Composition, Vocal/Instrumental Performance, Music Education, and Pre-Music Therapy.

Audition dates and specific information relating to auditioning for certain tracks are posted on the music department's website at: <https://www.ius.edu/music/>

General Education and BA Distribution Requirements

See "General Requirements for Undergraduate Degrees at IU Southeast" and "General Requirements for the Bachelor of Arts Degree."

All music majors are required to take courses that engage the student in the general study of music through music literature, theory, technology, and performance. The following courses serve as a foundation to this study and are meant to complement specific courses in one's concentration. A more specific description of these requirements is located online at: <https://www.ius.edu/music/>

Core Program for both Composition Tracks

- MUS-A 301 Electronic Studio Resource I (2 cr. hrs.)
 - minimum grade C
- MUS-M 201 The Literature of Music 1 (3 cr. hrs.)

- minimum grade C
- MUS-M 202 The Literature of Music 2 (3 cr. hrs.)
 - minimum grade C
- MUS-M 403 History of Music I (3 cr. hrs.)
 - minimum grade C
- MUS-M 404 History of Music II (3 cr. hrs.)
 - minimum grade C
- MUS-T 113 Music Theory I (3 cr. hrs.)
 - minimum grade C
- MUS-T 114 Music Theory II (3 cr. hrs.)
 - minimum grade C
- MUS-T 115 Sightseeing & Aural Percp I (1 cr. hrs.)
 - minimum grade C
- MUS-T 116 Sightseeing & Aural Percp II (1 cr. hrs.)
 - minimum grade C
- MUS-T 215 Sightseeing & Aural Percp III (1 cr. hrs.)
 - minimum grade C
- MUS-T 216 Sightseeing & Aural Percp IV (1 cr. hrs.)
 - minimum grade C
- MUS-T 317 Analysis of Tonal Music (3 cr. hrs.)
 - minimum grade C
- MUS-T 318 Analysis of Post-tonal Music (3 cr. hrs.)
 - minimum grade C
- MUS-X 040 or 070 *Univ Instrumental Ensembles (040) or University Choral Ensembles (070) (4 completions required) (4 cr. hrs.)
 - minimum grade C
- MUS-X 001 *All-Campus Ensemble (3 completions required) (0 cr. hrs.)
 - minimum grade C
- MUS-X 095 *Performance Class (7 completions required) (0 cr. hrs.)
 - minimum grade P

*For more detailed information on the Ensemble and Performance class requirements, see the Music Department website (<https://www.ius.edu/music/>).

Composition for Film and Media Concentration

The music program offers the Bachelor of Arts with four different concentrations: Music Industry, Composition, Performance, and Pre-Music Therapy. Also the music program offers a Bachelor of Science in Audio Production.

In the Bachelor of Arts, each concentration has two tracks, except for Pre-Music Therapy which has one, that students may choose as part of their course of study at IU Southeast. The Film and Media track within

the Composition concentration is specifically geared towards students interested in writing music for film and other media environments such as video games and television. Students receive training in studio techniques and production through various projects that deal with music and other visual media. Unlike many technology programs, the Film and Media Composition program also involves training in the craft and technique of composition by our internationally-recognized composition faculty. A more specific description of these requirements is located online at: <https://www.ius.edu/music/>

- MUS-K 300 Composition Concentration (2 x) (6 cr. hrs.)
 - minimum grade C
- MUS-A 321 Sound for Picture Production (3 cr. hrs.)
 - minimum grade C
- MUS-K 312 Arr for Instrumental & Vocal Groups (3 cr. hrs.)
 - minimum grade C
- MUS-Z 340 Introduction to Music Business (3 cr. hrs.)
 - minimum grade C

Track/Concentration Electives (recommended, but not required)

- MUS-G 370 Techniques for Conducting (2 cr. hrs.)
 - minimum grade C

*Applied Instrumental Study 3 C

*Course prefix and number varies according to instrument.

Capstone

- MUS-K 406 *Projects in Electronic Music (1 cr. hrs.)
 - minimum grade C

*Please refer to the Music Department website (<https://www.ius.edu/music/>) for further information about the senior capstone requirement

Composition for the Concert Stage Concentration

The **Composition for the Concert Stage track of the Music Composition concentration** is designed to give the creative student the skills necessary to analyze, arrange, and compose works for the concert stage (i.e. chamber, orchestra, opera, and ballet). The degree stresses not only the creative aspect of music composition, but also incorporates technology and performing areas of music as well. Students get a chance to work with internationally performed composers in developing their craft and technique so that they are prepared to tackle the myriad of opportunities available to the composer today. Graduates of the composition program at IU Southeast have gone on to graduate study, scored for feature-length films, and written music for video games. A more specific description of these requirements is located online at: <https://www.ius.edu/music/>

- MUS-K 300 Composition Concentration (2 x) (6 cr. hrs.)
 - minimum grade C

- MUS-K 400 Composition Major (2 x) (6 cr. hrs.)
 - minimum grade C
- MUS-K 312 Arr for Instrumental & Vocal Groups (3 cr. hrs.)
 - minimum grade C

Concentration Electives (recommended, but not required)

- MUS-G 370 Techniques for Conducting (2 cr. hrs.)
 - minimum grade C

*Applied Instrumental Study 3 C

*Course prefix and number varies according to instrument.

Capstone

- MUS-K 402 *Senior Recital in Composition (1 cr. hrs.)
 - minimum grade C

*Please refer to the Music Department website <https://www.ius.edu/music/> for further information about the senior capstone requirement.

Music Industry (Bachelor of Arts)

Major/Department Policies

Please see our Web site at <https://www.ius.edu/music/> for more information.

Scholarships/Awards

- Rasmussen Scholarship Award in Music
- Martha K. Stem Scholarship in Music
- James A. Poteet Award for Band
- Sherri L. Stiefler Scholarship in Music

Degree Requirements

Admission to the Music Department is by audition only. Students applying for admission into the Music Department at Indiana University Southeast to pursue a B.A. in Music degree – as well as those applying for a music scholarship – must attend one of the Music Department's Audition Days. Students can audition in any one of our tracks from our five major concentrations: Music Industry, Composition, Vocal/Instrumental Performance, Music Education, and Pre-Music Therapy.

Audition dates and specific information relating to auditioning for certain tracks are posted on the music department's Web site at <https://www.ius.edu/music/>.

General Education and BA Distribution Requirements

See "General Requirements for Undergraduate Degrees at IU Southeast" and "General Requirements for the Bachelor of Arts Degree."

Music Business Concentration

Music and Business are natural partners in the world beyond academia. Performing arts organizations often function as small businesses requiring those involved to have fundamental skills in marketing, accounting, business law, and grant writing. Likewise, the arts and entertainment industry provides opportunities to the business minded person with an interest in retail, artist management, or the recording industry fields. The Music

Business track within the Music Industry concentration coordinates the requirements for the B.A. degree in music with basic studies in the music industry, music law, marketing, and business law. Students at IU Southeast have the opportunity to gain real-world experience and connections through numerous internship opportunities.

General Education Component

Note: This is not a re-statement of the University's General Education Requirement but a list of specific General Education courses which are also requirements or pre-requisites for course work in the school/major.

- MATH-M 119 OR 122 Brief Survey of Calculus I OR College Algebra (3 cr. hrs.)
 - minimum grade C
- ENG-W 231 Professional Writing Skills (3 cr. hrs.)
 - minimum grade C

BA Distribution Component

Students should be aware that the Music Business degree has B.A. distribution requirement that requires the following courses:

- PSY-P 101 Introductory Psychology I (3 cr. hrs.)
 - minimum grade C
- SOC-S 163 Social Problems (3 cr. hrs.)
 - minimum grade C
- ECON-E 101 Survey of Economic Issues & Problems (3 cr. hrs.)
 - minimum grade C

All music majors are required to take courses that engage the student in the general study of music through music literature, theory, technology, and performance. The following courses serve as a foundation to this study and are meant to complement specific courses in one's concentration. A more specific description of these requirements is located online at <https://www.ius.edu/music/>.

Core Program

- MUS-A 301 Electronic Studio Resource I (2 cr. hrs.)
 - minimum grade C
- MUS-M 201 The Literature of Music 1 (3 cr. hrs.)
 - minimum grade C
- MUS-M 202 The Literature of Music 2 (3 cr. hrs.)
 - minimum grade C
- MUS-M 403 History of Music I (3 cr. hrs.)
 - minimum grade C
- MUS-M 404 History of Music II (3 cr. hrs.)
 - minimum grade C

- MUS-T 113 Music Theory I (3 cr. hrs.)
 - minimum grade C
- MUS-T 114 Music Theory II (3 cr. hrs.)
 - minimum grade C
- MUS-T 115 Sightsinging & Aural Percp I (1 cr. hrs.)
 - minimum grade C
- MUS-T 116 Sightsinging & Aural Percp II (1 cr. hrs.)
 - minimum grade C
- MUS-P 101 Piano Class 1 (or private lesson) (2 cr. hrs.)
 - minimum grade C

Applied Instrumental Study 2 C

- MUS-X 040 or 070 *Univ Instrumental Ensembles (040) or University Choral Ensembles (070) (4 completions required) (4 cr. hrs.)
 - minimum grade C
- MUS-X 001 *All-Campus Ensemble (3 completions required) (0 cr. hrs.)
 - minimum grade C
- MUS-X 095 *Performance Class (7 completions required) (0 cr. hrs.)
 - minimum grade P

*For more detailed information on the Ensemble and Performance class requirements, see the Music Department website (<https://www.ius.edu/music/>) .

Specific Requirements for Concentration

- BUS-L 201 Legal Environment of Business (3 cr. hrs.)
 - minimum grade C
- BUS-M 300 Introduction to Marketing (3 cr. hrs.)
 - minimum grade C
- MUS-U 411 Performance Art Center Mgmt (3 cr. hrs.)
 - minimum grade C
- MUS-U 413 Legal Aspects - Music Industry (3 cr. hrs.)
 - minimum grade C
- MUS-Z 340 Introduction to Music Business (3 cr. hrs.)
 - minimum grade C
- MUS-U 440 Practicum (Varies. cr. hrs.)
 - minimum grade C

Capstone

All Music Business majors must complete an additional paper assignment related to their Practicum experience

to fulfill the capstone requirement. Students must discuss this assignment with their advisor for further details.

Sound Engineering Concentration

The Sound Engineering track within the Music Industry concentration is designed to give students a well-rounded education in liberal arts courses, while exposing them to practical, theoretical, and creative applications of sound engineering in the field of music. This degree, unlike vocational approaches to music technology, provides a significant background in the academic areas of a traditional music degree. Students participate in ensembles, study two years of music theory, refine their aural skills, and show competency in the performance of music, as well as elements of audio production and fluency in current technologies. Since real world experience and networking are invaluable to the aspiring sound engineer, our students are given opportunities to engage in numerous projects through internships and courses that are taught on location with our studio partner, [TNT Productions](#).

Core Program

All music majors are required to take courses that engage the student in the general study of music through music literature, theory, technology, and performance. The following courses serve as a foundation to this study and are meant to complement specific courses in one's concentration. A more specific description of these requirements is located online at <https://www.ius.edu/music/>.

- MUS-A 301 Electronic Studio Resource I (2 cr. hrs.)
 - minimum grade C
- MUS-M 201 The Literature of Music 1 (3 cr. hrs.)
 - minimum grade C
- MUS-M 202 The Literature of Music 2 (3 cr. hrs.)
 - minimum grade C
- MUS-M 403 History of Music I (3 cr. hrs.)
 - minimum grade C
- MUS-M 404 History of Music II (3 cr. hrs.)
 - minimum grade C
- MUS-T 113 Music Theory I (3 cr. hrs.)
 - minimum grade C
- MUS-T 114 Music Theory II (3 cr. hrs.)
 - minimum grade C
- MUS-T 115 Sightsinging & Aural Percp I (1 cr. hrs.)
 - minimum grade C
- MUS-T 116 Sightsinging & Aural Percp II (1 cr. hrs.)
 - minimum grade C

- MUS-T 215 Sightsinging & Aural Percep III (1 cr. hrs.)
 - minimum grade C
- MUS-T 216 Sightsinging & Aural Percep IV (1 cr. hrs.)
 - minimum grade C
- MUS-T 317 Analysis of Tonal Music (3 cr. hrs.)
 - minimum grade C
- MUS-T 318 Analysis of Post-tonal Music (3 cr. hrs.)
 - minimum grade C
- MUS-X 040 or 070 *Univ Instrumental Ensembles (040) or University Choral Ensembles (070) (4 completions required) (4 cr. hrs.)
 - minimum grade C
- MUS-X 001 *All-Campus Ensemble (3 completions required) (0 cr. hrs.)
 - minimum grade C
- MUS-X 095 *Performance Class (7 completions required) (0 cr. hrs.)
 - minimum grade P

**For more detailed information on the Ensemble and Performance class requirements, see the Music Department website (<https://www.ius.edu/music/>).

Specific Requirements for Concentration

- MUS-A 321 Sound for Picture Production (3 cr. hrs.)
 - minimum grade C
- MUS-A 101 Intro to Audio Technology (3 cr. hrs.)
 - minimum grade C
- MUS-A 270 Multitrack Studio Tech I (2 cr. hrs.)
 - minimum grade C
- MUS-A 370 Multitrack Studio Tech II (2 cr. hrs.)
 - minimum grade C
- MUS-Z 340 Introduction to Music Business (3 cr. hrs.)
 - minimum grade C
- MUS- U 440 Practicum (Var. cr. hrs.)
 - minimum grade C

Capstone

- MUS-A 423 Project in Sound Engineering (1 cr. hrs.)
 - minimum grade C

Bachelor of Arts in Music - Performance

Program Description

The performance concentration at IU Southeast is intended for those students who wish to focus their studies on a particular instrument (any orchestral or band

instrument, piano, organ, guitar) or voice. The curriculum stresses the development of the student's technique and musicianship, ensemble dynamics, building a fundamental knowledge of individual repertoire, and acquisition of practical pedagogical techniques.

Admissions

Students applying for entry into any Music B.A. or B.S. degree – as well as those applying for a music scholarship – must attend one of the Music Department's Audition Days. Students can audition in any one of our tracks from our five major concentrations: Music Industry, Composition, Performance, Music Education, and Pre-Music Therapy. Audition dates and specific information relating to auditioning for certain tracks are posted on the music department's website at Auditions.

Degree Requirements

Students completing the Bachelor of Arts in Music - Performance must complete 120 total credit hours including:

- General Education Core (30 cr.)
 - Foreign Language Requirement (14 cr.)
 - Bachelor of Arts Distribution Requirement (15 cr.)
 - Music Core and Performance Concentration (32 + 19 cr.)
-
- A minimum of 30 credit hours at the 300- or 400-level
 - Courses required for the music core and concentration must be completed with a grade of C- or higher or P for courses taken pass/fail.
 - A minimum overall GPA of 2.0 required to graduate.

Music Core for Voice/Instrumental Performance

All music majors are required to take courses that engage the student in the general study of music through music literature, theory, technology, and performance. The following courses serve as a foundation to this study and are meant to complement specific courses in students' concentrations.

- MUS-T 113 Music Theory I (3 cr.)
- MUS-T 114 Music Theory II (3 cr.)
- MUS-T 115 Sightsinging and Aural Perception I (1 cr.)
- MUS-T 116 Sightsinging and Aural Perception II (1 cr.)
- MUS-T 215 Sightsinging and Aural Perception III (3 cr.)
- MUS-T 216 Sightsinging and Aural Perception IV (1 cr.)
- MUS-T 317 Analysis of Tonal Music (3 cr.)
- MUS-T 318 Analysis of Post-Tonal Music (3 cr.)
- MUS-M 201 The Literature of Music I (3 cr.)
- MUS-M 202 The Literature of Music II (3 cr.)
- MUS-M 403 History of Music I (3 cr.)
- MUS-M 404 History of Music II (3 cr.)
- MUS-A 301 Electronic Studio Resources I (2 cr.)

Performance Concentration

- Applied Study in the Major Performance Area: Complete 6 semesters of lessons in one area, each course at 2 cr., for 12 total credits.
 - MUS-B Brass
 - MUS-D Percussion
 - MUS-H Harp
 - MUS-L Guitar
 - MUS-P Piano
 - MUS-Q Organ
 - MUS-S Strings
 - MUS-W Woodwinds
 - MUS-V Voice
- Choose between:
 - MUS-P 100 Piano Elective and Secondary (2 cr.); or
 - MUS-X 002 Piano Accompanying (2 cr.)
- 4 completions of MUS-X 40 University Instrumental Ensembles or MUS-X 70 University Choral Ensembles (1 cr. each) for 4 total credits.
- 3 additional completions of MUS-X 001 for 0 credit.
- 7 Completions of MUS-X 95 Performance Class at 0 credits
- Senior Recital (1 cr) : Complete different recital class, depending on instrument/voice:
 - MUS-B 402 Brass BM Senior Recital
 - MUS-D 402 Percussion BM Senior Recital
 - MUS-H 402 Harp BM Senior Recital
 - MUS-L 402 Guitar BM Senior Recital
 - MUS-P 402 Piano BM Senior Recital
 - MUS-Q 402 Organ BM Senior Recital
 - MUS-S 402 String BM Senior Recital
 - MUS-W 402 Woodwinds BM Senior Recital
 - MUS-V 402 Voice BM Senior Recital

Pre-Music Therapy (Bachelor of Arts)

Major/Department Policies

Please see our website at: <https://www.ius.edu/music/> for more information.

Scholarships/Award

- Rasmussen Scholarship Award in Music
- Martha K. Stem Scholarship in Music
- James A. Poteet Award for Band
- Sherri L. Stiefler Scholarship in Music

Degree Requirements

Degree Program Admission Requirements

Admission to the Music Department is by audition only. Students applying for admission into the Music Department at Indiana University Southeast to pursue a B.A. in Music degree – as well as those applying for a music scholarship – must attend one of the Music Department's Audition Days. Students can audition in any one of our tracks from our five major concentrations: Music Industry, Composition, Vocal/Instrumental Performance, Music Education, and Pre-Music Therapy. Audition dates and specific information relating to

auditioning for certain tracks are posted on the music department's website at: <https://www.ius.edu/music/>

General Education and BA Distribution Requirements

See "General Requirements for Undergraduate Degrees at IU Southeast" and "General Requirements for the Bachelor of Arts Degree."

Note: Pre-Music Therapy students are required to take ANAT-A215 Basic Human Anatomy (5 cr.) as part of the General Education Science requirement.

- ANAT-A 215 Basic Human Anatomy (5 cr. hrs.)
 - minimum grade C

All music majors are required to take courses that engage the student in the general study of music through music literature, theory, technology, and performance. The following courses serve as a foundation to this study and are meant to complement specific courses in one's concentration. A more specific description of these requirements is located online at: <https://www.ius.edu/music/>

Pre-Music Therapy Concentration

The **Pre-Music Therapy** concentration is designed for the music student who wishes to continue into a graduate program in Music Therapy in order to work in an allied health field which uses music with therapeutic relationships to address physical, emotional, cognitive and social needs of individuals. This concentration does not lead to licensing in Music Therapy but is preparation for further study in the field. A more specific description of these requirements is located online at: <https://www.ius.edu/music/>

Note: For best preparation for graduate study and work in the profession, this concentration should be taken with the psychology minor in Pre-Expressive Therapy (18 credit hours). For specific requirements, please review the requirements for the psychology minor in this bulletin.

- MUS-L 153 Introduction to Music Therapy (3 cr. hrs.)
 - minimum grade C
- MUS-A 301 Electronic Studio Resource I (2 cr. hrs.)
 - minimum grade C
- MUS-M 201 The Literature of Music 1 (3 cr. hrs.)
 - minimum grade C
- MUS-M 202 The Literature of Music 2 (3 cr. hrs.)
 - minimum grade C
- MUS-M 110 History of Rock Music (3 cr. hrs.)
 - minimum grade C
- MUS-M 403 History of Music I (3 cr. hrs.)
 - minimum grade C
- MUS-M 404 History of Music II (3 cr. hrs.)
 - minimum grade C

- MUS-T 113 Music Theory I (3 cr. hrs.)
 - minimum grade C
- MUS-T 114 Music Theory II (3 cr. hrs.)
 - minimum grade C
- MUS-T 115 Sightsinging and Aural Perception I (1 cr. hrs.)
 - minimum grade C
- MUS-T 116 Sightsinging and Aural Perception II (1 cr. hrs.)
 - minimum grade C

Two semesters (4 credits) of Piano (course depends on student skill level)

- MUS-P 100, 200, or 300 level (4 cr. hrs.)
 - minimum grade C

Two semesters (4 credits) of Guitar (course depends on student skill level)

- MUS-L 100, 200, or 300 level (4 cr. hrs.)
 - minimum grade C

Two semesters (4 credits) of Voice (course depends on student skill level)

- MUS-V 100, 200, or 300 level (4 cr. hrs.)
 - minimum grade C

Additional Requirements

- MUS-X 001 *All-Campus Ensemble (3 completions required) (0 cr. hrs.)
 - minimum grade C
- MUS-X 002 *Piano Accompanying (2 cr. hrs.)
 - minimum grade C
- MUS-X 040 or 070 *Univ Instrumental Ensembles (040) or University Choral Ensembles (070) (four completions required) (4 cr. hrs.)
 - minimum grade C
- MUS-X 095 *Performance Class (7 completions required) (0 cr. hrs.)
 - minimum grade P

*For more detailed information on the Ensemble and Performance class requirements, see the Music Department website (<https://www.ius.edu/music/>).

Music - Audio Production (Bachelor of Science)

Major/Department Policies

Please see our website at: <https://www.ius.edu/music/> for more information.

Scholarships/Award

- Rasmussen Scholarship Award in Music
- Martha K. Stem Scholarship in Music
- James A. Poteet Award for Band
- Sherri L. Stiefler Scholarship in Music

Students applying for admission into the Music Department at Indiana University Southeast to pursue a B.A. or B.S. in Music – as well as those applying for a music scholarship – must attend one of the Music Department's Audition Days. Students can audition in any one of our tracks from our five major concentrations: Music Industry, Composition, Vocal/Instrumental Performance, Music Education, and Pre-Music Therapy.

Audition dates and specific information relating to auditioning for certain tracks are posted on the music department's website at <http://www.ius.edu/music>.

Degree Requirements

- *General*

Complete 120 total credit hours, with at least 30 at the 300-400 (upper division) level, with a program cumulative grade point average of 2.0

- *General Education Requirement (30 credit hours)*

Complete the University General Education requirements.

- *Major Requirements*

Core Program

All music majors are required to take courses that engage the student in the general study of music through music literature, theory, technology, and performance. The following courses serve as a foundation to this study and are meant to complement specific courses in one's concentration. A more specific description of these requirements is located online at: <https://www.ius.edu/music/>

- MUS-M 201 The Literature of Music 1 (3 cr. hrs.)
 - minimum grade C
- MUS-M 202 The Literature of Music 2 (3 cr. hrs.)
 - minimum grade C
- MUS-M 403 History of Music I (3 cr. hrs.)
 - minimum grade C
- MUS-M 404 History of Music II (3 cr. hrs.)
 - minimum grade C
- MUS-T 113 Music Theory I (3 cr. hrs.)
 - minimum grade C
- MUS-T 114 Music Theory II (3 cr. hrs.)
 - minimum grade C
- MUS-T 115 Sightsinging and Aural Perception I (1 cr. hrs.)
 - minimum grade C
- MUS-T 116 Sightsinging and Aural Perception II (1 cr. hrs.)
 - minimum grade C
- MUS-T215Sightsinging and Aural Perception III(1 cr. hrs.)
 - minimum grade C

- MUS-T 216 Sightsinging and Aural Perception IV (1 cr. hrs.)
 - minimum grade C
- MUS-X 040 or 070 *Univ Instrumental Ensembles (040) or University Choral Ensembles (070) (four completions required) (4 cr. hrs.)
 - minimum grade C
- MUS-X 001 *All-Campus Ensembles (3 completions required) (0 cr. hrs.)
 - minimum grade C
- MUS-X 095 *Performance Class (7 completions required) (0 cr. hrs.)
 - minimum grade P

*For more detailed information on the Ensemble and Performance class requirements, see the Music Department website (<https://www.ius.edu/music/>).

- *Track Requirements - Audio Production*

The Audio Production program is designed to provide audio production students with a program that affords students a more in-depth understanding of the profession and a greater breadth of skills and experience. The program is designed to give students improved preparation for graduate school, post-baccalaureate technical programs and more varied options in the job market. The BS degree and employers and graduate schools are accustomed to their students having the expertise gained from the concentration in studio the BS degree provides. Students interested in pursuing employment in various avenues of audio production such as live or studio recording, sound for theatre, live performance sound, or continuing on to graduate and post-baccalaureate certification in the field are encouraged to apply.

Specific Requirements for Major:

- MUS-Z 340 Intro to the Business of Music (3 cr. hrs.)
 - minimum grade C
- MUS-A 321 Sound for Picture Production (3 cr. hrs.)
 - minimum grade C
- MUS-U 413 Music Law (3 cr. hrs.)
 - minimum grade C
- MUS-U 411 Concert Management (3 cr. hrs.)
 - minimum grade C
- MUS-A 301 Electronic Studio Resources I (3 cr. hrs.)
 - minimum grade C
- MUS-Z 110 Song Writing (3 cr. hrs.)
 - minimum grade C
- THTR-T 225 Stagecraft I (3 cr. hrs.)
 - minimum grade C
- THTR-T 424 Stagecraft II (3 cr. hrs.)
 - minimum grade C

- minimum grade C
- THTR-T483 Sound Design (3 cr. hrs.)
 - minimum grade C
- MUS-A 101 Intro to Audio Recording (3 cr. hrs.)
 - minimum grade C
- MUS-A 302 Audio for Multimedia & Internet (3 cr. hrs.)
 - minimum grade C
- MUS-A 270 Multitrack I (2 cr. hrs.)
 - minimum grade C
- MUS-A 370 Multitrack II (2 cr. hrs.)
 - minimum grade C
- MUS-A 470 Individual Project (2 cr. hrs.)
 - minimum grade C
- MUS-A 423 Final Project (1 cr. hrs.)
 - minimum grade C
- MUS-A 440 Internship (Repeatable) (3 cr. hrs.)
 - minimum grade C
- MUS-P100 or 101 Piano Class (2 cr. hrs.)
 - minimum grade C

Music Business (Bachelor of Science)

Program Description

The strength of this degree is that it provides a strong core in music theory and music literature and history with specific skill courses reflecting multiple aspects of the business side of music creation and promotion. The curriculum draws and integrates coursework from the School of Business, and the Journalism, and Fine Arts departments; and is designed to prepare students for entry-level positions in recording studios, arts centers, wholesale or retail musical equipment outlets, booking agencies, live performance venues, music publishing companies or the film industry. An internship is required.

Admission to the Music Department is by audition only.

Students applying for admission into the Music Department at Indiana University Southeast to pursue a B.A. or B.S. in Music – as well as those applying for a music scholarship – must attend one of the Music Department's Audition Days. Students can audition in any one of our tracks from our five major concentrations: Music Business, Composition, Vocal/Instrumental Performance, Music Education, and Pre-Music Therapy.

Audition dates and specific information relating to auditioning for certain tracks are posted on the music department's website.

Scholarships/Award

- Rasmussen Scholarship Award in Music
- Martha K. Stem Scholarship in Music
- James A. Poteet Award for Band
- Sherri L. Stiefler Scholarship in Music

Music Department Policies

Please see the department website for more information.

Degree Requirements

- *General*

Complete 120 total credit hours, with at least 30 at the 300-400 (upper division) level, with a program cumulative grade point average of 2.0.

- *General Education Requirements (30 credit hours)*

Complete the University General Education requirements. Generally students are free to pick amongst the approved courses to fulfill General Education; however, for maximum degree completion efficiency for this degree, select the following courses to satisfy these areas of the General Education curriculum:

Dept.	Course Number	Title	Credit Hours	Minimum Grade
<i>Written Communication</i>				
ENG-W	131	Reading, Writing, & Inquiry I	3	C
ENG-W	231	Professional Writing Skills	3	University Passing
<i>Oral Communication</i>				
SPCH-S	121	Public Speaking	3	University Passing
<i>Arts & Humanities</i>				
MUS-T	109*	Rudiments of Music I	3	C-

**unless student places in to MUS-T 113 ; in which case , any approved Arts or Humanities course.*

- *Major Requirements*

Core Music Courses Completed by All Students (36 Credits hours)

Dept.	Course Number	Title	Credit Hours	Minimum Grade
MUS-T	113	Music Theory I	3	C
MUS-T	114	Music Theory II	3	C
MUS-T	115	Sightsinging and Aural Perception I	3	C
MUS-T	116	Sightsinging and Aural Perception II	3	C

MUS-T	215	Sightsinging and Aural Perception III	3	C
MUS-T	216	Sightsinging and Aural Perception IV	3	C
MUS-T	317	Analysis of Tonal Music	3	C
MUS-T	318	Analysis of Post-Tonal Music	3	C
MUS-M	201	The Literature of Music 1	3	C
MUS-M	202	The Literature of Music 2	3	C
MUS-M	403	History of Music 1	3	C
MUS-M	404	History of Music 2	3	C
MUS-A	301	Electronic Studio Resource I	2	C
MUS-P	100	Piano Elective and Secondary	2	C
MUS-X	040/070	University Instrumental/Choral Ensembles	4	C
<i>The following are 0 credit requirements</i>				
MUS-X	001	All Campus Ensemble	3 semesters	C
MUS-X	095	Performance Class	2 semesters	C

- *Track Requirements (45 credit hours)*

Dept.	Course Number	Title	Credit Hours	Minimum Grade
BUS-A	200	Foundations of Accounting	3	C
BUS-F	260	Personal Finance	3	C
BUS-L	201	Legal Environment of Business	3	C
BUS-M	300	Introduction to Marketing	3	C
ECON-E	101	Survey of Economic Issues & Problems	3	C

ENG-W	311	Writing Creative Non- Fiction	3	C
ENG-W	315	Writing for the Web	3	C
FINA-P	323	Introduction to Web Design	3	C
JOUR-J	301	Social Media Strategies	3	C
JOUR-J	320	Principles of Creative Advertising	3	C
MUS-Z	340	Music Business Survey	3	C
MUS-U	411	Performing Art Center Management	3	C
MUS-U	413	Legal Aspects - Music Industry	3	C
MUS-U	440	Practicum	6	C

Music Education (Bachelor of Science)

Program Description

The Music Education curriculum is designed to prepare students for licensing in Indiana and Kentucky to teach music at all levels of education from K-12 (also known as P-12). There are two tracks in the concentration: Vocal and General Music, P-12 and Instrumental and General Music, P-12. Both tracks prepare students for teaching music at the elementary and secondary levels. Students interested in vocal/choral music should enroll in the Vocal and General Music track. Those interested in band and orchestra should enroll in the Instrumental and General Music track. These curricula provide a strong foundation in musical study and pedagogy, as well as offering a breadth of general education subjects. Since the best way to learn teaching is to be in the classroom, the program features extensive field experience in classrooms in the region.

This program is jointly administered by the Music Department within the School of Arts & Letters and the School of Education. Admission to the Music program for music education is based upon a [successful audition](#) with a high-school GPA of at least 2.0. Once admitted to the School of Arts & Letters, students will need to complete pre-requisites to be dually accepted into the School of Education. Once admitted fully to the Music Education program, students will be advised by both the School of Arts & Letters and the School of Education.

Scholarships/Award

Rasmussen Scholarship Award in Music, Martha K. Stem Scholarship in Music, James A. Poteet Award for Band,

Eric Schansberg Award for Strings, Wil Greckel Music Scholarship, and the IU Southeast Music Composition Scholarship.

Degree Requirements

- *General*

Complete 120 total credit hours, with at least 30 at the 300-400 (upper division) level, with a program cumulative grade point average of 2.0

General Education Requirement (30 credit hours)

Complete the University General Education requirements. Generally students are free to pick amongst the approved courses to fulfill General Education; however, for maximum degree completion efficiency for this degree, select the following courses to satisfy these areas of the General Education curriculum:

Dept.	Course Number	Title	Credit Hours	Minimum Grade
<i>Written Communication</i>				
ENG-W	131	Reading, Writing, & Inquiry I	3	C
ENG-W	231	Professional Writing Skills	3	University Passing
<i>Oral Communication</i>				
SPCH-S	121	Public Speaking	3	University Passing
<i>Ethical Questions or Diversity</i>				
EDUC-M	300	Teaching in a Pluralistic Society	3	University Passing
<i>Arts & Humanities</i>				
MUS-T	109*	Rudiments of Music I	3	C-

**unless student places in to MUS-T 113; in which case, any approved Arts or Humanities course.*

- *Major Requirements*

Core Music Courses Completed by All Students (36 credit hours)

Dept.	Course Number	Title	Credit Hours	Minimum Grade
MUS-T	113	Music Theory I	3	C
MUS-T	114	Music Theory II	3	C
MUS-T	115	Sightsinging and Aural Perception I	3	C

MUS-T	116	Sightsinging I and Aural Perception II		C
MUS-T	215	Sightsinging I and Aural Perception III		C
MUS-T	216	Sightsinging I and Aural Perception IV		C
MUS-T	317	Analysis of Tonal Music	3	C
MUS-T	318	Analysis of Post-Tonal Music	3	C
MUS-M	201	The Literature of Music 1	3	C
MUS-M	202	The Literature of Music 2	3	C
MUS-M	403	History of Music 1	3	C
MUS-M	404	History of Music 2	3	C
MUS-A	301	Electronic Studio Resource I	2	C
MUS-P	100	Piano Elective and Secondary	2	C
MUS-X	040/070	University Instrumental/Choral Ensembles	4	C
<i>The following are 0 credit requirements</i>				
MUS-X	001	All Campus Ensemble	3 semesters	C
MUS-X	095	Performance Class	3 semesters	C

- **Track Requirements**

Students in Music Education need to pass a Keyboard Proficiency exam. The department therefore recommends that piano study continue until the student can do so.

- **Vocal and General Music P-12 (54 credit hours)**

Dept.	Course Number	Title	Credit Hours	Minimum Grade
Education Requirements				
EDUC-F	200	Examining Self as Teacher	3	C
EDUC-P	250	General Educational Psychology	3	C

EDUC-M	314	General Methods for Sr./Jr High/Middle School Teachers	3	C
EDUC-M	338	Methods for Teaching Choral Music	2	C
<i>with</i>				
EDUC-M	301	Laboratory/Field Experience	0	C
EDUC-K	200	Introductory Practicum in Special Education	1 semester	C
EDUC-M	464	Methods of Teaching Reading	3	C
EDUC-M	323	Teaching of Music in Elementary Schools	3	C
<i>with</i>				
EDUC-M	301	Laboratory/Field Experience	0	C
EDUC-M	425	Student Teaching in Elementary School	5	C
EDUC-M	480	Student Teaching in Secondary School	5	C
Music Requirements				
MUS-G	261	String Class Techniques	1	C
MUS-G	281	Brass Instrument Techniques	1	C
MUS-G	337	Woodwind Methods	1	C
MUS-G	370	Technique for Conducting	2	C
MUS-G	371	Choral Conducting	2	C
MUS-G	338	Percussion Methods	1	C
MUS-K	312	Arranging for Instrumental and Vocal Groups	2	C

MUS-M	414	Choral Repertoire	2	C
MUS-P	105	Keyboard Proficiency	0	Pass
MUS-U	230	Foreign Language for Singers	3	C
MUS-V	200 and above	Applied Voice	10	C
MUS-X	002	Piano Accompanying	2	C

- *Instrumental and General Music P-12 (54 credit hours)*

Dept.	Course Number	Title	Credit Hours	Minimum Grade
Education Requirements				
EDUC-F	200	Examining Self as Teacher	3	C
EDUC-P	250	General Educational Psychology	3	C
EDUC-K	200	Introductory Practicum in Special Education	0	C
EDUC-M	314	General Methods for Sr./ Jr. High/ Middle School Teachers	3	C
EDUC-M	323	Elementary Music Methods	3	C
with				
EDUC-M	301	Laboratory/0 Field Experience	0	C
EDUC-M	337	Methods for Teaching Instrumental Music	2	C
with				
EDUC-M	301	Laboratory/0 Field Experience	0	C
EDUC-M	464	Methods of Teaching Reading	3	C
EDUC-M	425	Student Teaching in Elementary School	5	C
EDUC-M	480	Student Teaching in	5	C

Secondary School Music Requirements				
MUS-E	471	Jazz for Teachers	3	C
MUS-F	466	Techniques for Marching Band	2	C
MUS-G	261	String Class Techniques	1	C
MUS-G	281	Brass Instrument Techniques	1	C
MUS-G	337	Woodwind Methods	1	C
MUS-G	338	Percussion Methods	1	C
MUS-G	370	Techniques for Conducting	2	C
MUS-G	373	Instrumental Conducting	2	C
MUS-K	312	Arranging for Instrumental & Vocal Groups	2	C
MUS-P	105	Piano Proficiency	0	Pass
MUS-Varies	200 or Above	Applied Instrumental Music in student's principal instrument	10	C

Minor in Music

Program Admission Requirements

- All music minors are required to take courses that engage the student in the general study of music through music literature, theory, technology, and performance. The following courses serve as a foundation to this study. A more specific description of these requirements is located online at: <https://www.ius.edu/music/>

Core Program

- MUS-M 201 The Literature of Music 1 (3 cr. hrs.)
 - minimum grade C
- MUS-M 202 The Literature of Music 2 (3 cr. hrs.)
 - minimum grade C
- MUS-T 113 Music Theory I (3 cr. hrs.)
 - minimum grade C
- MUS-T 115 Sightsinging & Aural Percp I (1 cr. hrs.)

- minimum grade C
- MUS-T 114 Music Theory II (3 cr. hrs.)
 - minimum grade C
- MUS-T 116 Sightseeing & Aural Percp II (1 cr. hrs.)
 - minimum grade C
- MUS-X 040 or 070 *Univ Instrumental Ensembles (040) or University Choral Ensembles (2 cr. hrs.)
 - minimum grade C

**Applied Instrumental Study (2 x) 2 C-

*Please refer to the Music Department website (<https://www.ius.edu/music/>) for further information about these requirements.

**Course prefix and number varies according to instrument.

Minor in Music Recording and Production

The Minor in Music Recording provides students with the opportunity to obtain knowledge and experience in audio production and allows those who want to obtain a degree in a different discipline, or do not have a formal music background, with a concentration in Audio Production. Students in other areas of the music program, such as music business, music education, performance or composition would also benefit from the additional expertise obtained through this minor.

Dept.	Course Number	Course Name	Credit Hours	Minimum Grade
		Complete one of the following:		
MUS-T	109	Fundamentals of Music	3	C
MUS-T	113	Music Theory I	3	C
		Complete the following:		
MUS-M	174	Music Appreciation	3	C
MUS-A	101	Intro to Audio Recording	3	C
MUS-A	270	Multi-track Studio I	3	C
MUS-A	301	Electronic Studio I	3	C
MUS-A	302	Electronic Studio II	2	C
MUS-P	100	Piano	1	C
		Complete two of the following (may also take one semester of each):		

MUS-X	1	Ensemble Participation	0	C
MUS-X	95	Performance Class	0	C

Philosophy

When Socrates exclaimed to his incredulous accusers, "I know you won't believe me, but I truly believe the highest human excellence is to question oneself and others," he captured the spirit of all philosophical effort. Although philosophy has undergone profound changes since his time, it still seeks to come to terms with the questions and issues provoked by every phase of life, and it produces arguments and accounts bearing on every subject worthy of disciplined reflection.

Contact Information

Arts and Letters Office: (812) 941-2342

Website: <https://www.ius.edu/philosophy/>

Academics

Undergraduate Degrees

- Bachelor of Arts
 - Traditional
 - Religious Studies

Minors

- Philosophy Minor
- Religious Studies Minor

Philosophy (Bachelor of Arts)

Mission/Vision Statement

When Socrates exclaimed to his incredulous accusers, "I know you won't believe me, but I truly believe the highest human excellence is to question oneself and others," he captured the spirit of all philosophical effort. Although philosophy has undergone profound changes since his time, it still seeks to come to terms with the questions and issues provoked by every phase of life, and it produces arguments and accounts bearing on every subject worthy of disciplined reflection. Majoring in philosophy offers a student the opportunity to gain skills in critical thinking, writing, and reading not afforded by many other disciplines. These are vital skills if one is to succeed in a rapidly changing work world. For those students who intend to pursue an advanced professional degree (for example, in medicine or law), the philosophy major provides the analytic training and intellectual studies that make for a well-rounded, qualified, and attractive candidate. Further, the B.A. with a major in philosophy (or a double major including philosophy) is an excellent degree for those who intend to study for an advanced degree, even if the advanced degree will not be in philosophy. Finally, those whose main goal in pursuing an undergraduate degree is to gain a deeper understanding of the world in which we live would do well to consider a major in philosophy. For more information, see our web site at ius.edu/philosophy/.

Student Learning Goals

Critical Thinking:

Through the study of Philosophy at IUS, students should be able to comprehend, interpret and evaluate

the different philosophical positions to which they are exposed. Students should be able to understand and restate accurately positions or arguments, as well as make reasoned judgments and present cogent arguments to support their judgments.

Ethical Reasoning:

Students should improve their skills in making responsible, rational judgments on issues of moral rightness and wrongness as well as on matters of moral character. Students should be able to make use of classical ethical theories in formulating these judgments.

Improving Communication Skills:

Students should develop the ability to present comprehensive interpretations and arguments clearly, accurately, and without prejudice in both written and oral forms.

Openness to New Ideas:

Students should increase their ability to reflect upon their own views and consider whether other positions are stronger. They should be able to make modifications when their own careful thinking indicates that this is appropriate. Such openness requires that students appreciate the variety of philosophical positions that have been developed both across different periods in Philosophy as well as within a given period. Given the impact that cognate fields such as social and political theory, science, and religion have had on the development of philosophical ideas, students should also reflect on relevant ideas from these fields as well.

Gaining Knowledge of the Philosophical Tradition:

Students should have an awareness and understanding of issues and positions that have been prominent in the philosophical tradition. Students should have a strong grounding in the major philosophies of the ancient and modern periods of Western Philosophy, as well as exposure to non-Western schools of thought.

Degree Requirements

See "General Requirements for Undergraduate Degrees at IU Southeast" and "General Requirements for the Bachelor of Arts Degree."

General Education Component

Note: This is not a re-statement of the University's General Education Requirement but a list of specific General Education courses which are also requirements or pre-requisites for course work in the school/major.

- PHIL-P 100 Introduction to Philosophy (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 140 Introduction to Ethics (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 170 Introduction to Asian Philosophy (3 cr. hrs.)
 - minimum grade C-

Traditional Track

Major Specific Requirements

The traditional track of the philosophy major requires a minimum of 31 credit hours in philosophy. Two courses at the 100-level may be included in the 31 credit hours. (The BA degree requires students to complete a minimum of 30 credit hours in courses at the 200-400 level.)

The following requirements must be satisfied:

Logic Requirement: Students must take either PHIL-P 150 Elementary Logic or PHIL-P 250 Introductory Symbolic Logic.

Upper-Level Course Requirements: Philosophy majors must complete the IU Southeast research writing or argumentative writing requirement before taking a third upper-level course in philosophy.

History of Philosophy Requirement: Philosophy majors must take at least two courses chosen from: PHIL-P 302 Medieval Philosophy, PHIL-P 304 Nineteenth-Century Philosophy, PHIL-P 314 Modern Philosophy, or PHIL-P 410 Ancient Greek Philosophy.

Diversity Requirement: Students must take either PHIL-P 170 introduction to Asian Philosophy, PHIL-P 334 Buddhist Philosophy, PHIL-P 374 Early Chinese Philosophy, or PHIL-P 394 Feminist Philosophy.

Social and Political Philosophy and Ethics

Requirement: Philosophy majors must take one course in social and political philosophy or ethics at the 200 level or above (e.g., PHIL-P 237 Environmental Philosophy, PHIL-P 240 Business and Morality, PHIL-P 340 Classics in Ethics, PHIL-P 342 Problems of Ethics, PHIL-P 343 Classics in Social and Political Philosophy, or PHIL-P 345 Problems in Social and Political Philosophy).

Metaphysics and Epistemology Requirement: Students must take PHIL-P 310 Topics in Metaphysics, PHIL-P 313 Theories of Knowledge, PHIL-P 320 Philosophy and Language, PHIL-P 360 Philosophy of Mind, or PHIL-X 303 Introduction to Philosophy of Science.

Philosophy Seminar Requirement: Philosophy majors must take at least one philosophy seminar (PHIL-P 333). The philosophy seminar is offered every spring semester and may be repeated for credit.

Senior Proseminar Requirement: Philosophy majors must take at least one credit (up to four) in PHIL-P 495 Senior Proseminar in Philosophy during their senior year.

Student must take one of the following:

- PHIL-P 150 Elementary Logic (3 cr. hrs.)
 - minimum grade
- PHIL-P 250 Introductory Symbolic Logic (3 cr. hrs.)
 - minimum grade C-

Student must take two of the following:

- PHIL-P 302 Medieval Philosophy (3 cr. hrs.)
 - minimum grade C-

- PHIL-P 304 Nineteenth-Century Philosophy (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 314 Modern Philosophy (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 410 Ancient Greek Philosophy (3 cr. hrs.)
 - minimum grade C-

Students must take one of the following:

- PHIL-P 170 Introduction to Asian Philosophy (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 334 Buddhist Philosophy (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 374 Early Chinese Philosophy (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 394 Feminist Philosophy (3 cr. hrs.)
 - minimum grade C-

Students must take one of the following:

- PHIL-P 237 Environmental Ethics (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 240 Business and Morality (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 340 Classics in Ethics (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 342 Problems of Ethics (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 343 Classics in Social and Political Philosophy (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 345 Problems in Social and Political Philosophy (3 cr. hrs.)
 - minimum grade C-

Or other course as approved by philosophy advisor

Students must take one of the following:

- PHIL-P 310 Topics in Metaphysics (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 313 Theories of Knowledge (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 320 Philosophy and Language (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 360 Philosophy of Mind (3 cr. hrs.)

- minimum grade C-

- PHIL-X 303 Introduction to Philosophy of Science (3 cr. hrs.)
 - minimum grade C-

Students must take all of the following:

- PHIL-P333Philosophy Seminar(3 cr. hrs.)
 - minimum grade C-
- PHIL-P495Senior Pro-Seminar in Philosophy(1-4 cr. hrs.)
 - minimum grade C-

Philosophy Electives

- PHIL-P 145 Introduction to Social and Political Philosophy (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 200 Problems of Philosophy (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 251 Intermediate Symbolic Logic (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 320 Philosophy and Language (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 330 Marxist Philosophy (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 338 Technology and Human Values (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 346 Classics in Philosophy of Art (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 371 Philosophy of Religion (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 401 History of Philosophy: Special Topics (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 490 Readings in Philosophy (1-3 cr. hrs.)
 - minimum grade C-
- PHIL-X 303 Introduction to Philosophy of Science (3 cr. hrs.)
 - minimum grade C-

Capstone

- PHIL-P 495 Senior Proseminar (1-4 cr. hrs.)
 - minimum grade C-

Religious Studies Track

The religious studies concentration of the philosophy major requires a minimum of 31 credit hours in philosophy

and religious studies. The following requirements must be satisfied:

Lower-level philosophy requirements: PHIL-P 140 Introduction to Ethics and PHIL-P 150 Elementary Logic.

Upper-level philosophy requirements: REL-P 371 Philosophy of Religion, REL-P 333 Philosophy Seminar, and PHIL-P 495 Senior Pro-seminar in Philosophy.

Two courses in the History of Philosophy selected from: PHIL-P 302, Medieval Philosophy, PHIL-P 304 Nineteenth Century Philosophy, PHIL-P 314 Modern Philosophy, or PHIL-P 410 Ancient Greek Philosophy.

Lower-level religious studies requirements: Students must take both REL-R 152 Jews, Christians, Muslims and REL-R 153 Religions of Asia.

Upper-level religious studies requirements: Two courses at the 200 level or above. (The BA degree requires students to complete a minimum of 30 credit hours in courses at the 300-400 level.)

Students must take all of the following:

- PHIL-P 140 Introduction to Ethics (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 150 Elementary Logic (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 371 Philosophy of Religion (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 333 Philosophy Seminar (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 495 Senior Proseminar (3 cr. hrs.)
 - minimum grade C-

Students must take both of the following:

- REL-R 152 Jews, Christians, Muslims (3 cr. hrs.)
 - minimum grade C-
- REL-R 153 Religions of Asia (3 cr. hrs.)
 - minimum grade C-

Students must take two of the following:

- PHIL-P 302 Medieval Philosophy (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 304 Nineteenth Century Philosophy (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 314 Modern Philosophy (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 410 Ancient Greek Philosophy (3 cr. hrs.)
 - minimum grade C-

Students must take two of the following:

- REL-R 200 Studies in Religion (3 cr. hrs.)
 - minimum grade C-
- REL-R 210 Introduction to Old Testament/Hebrew Bible (3 cr. hrs.)
 - minimum grade C-
- REL-R 220 Introduction to New Testament (3 cr. hrs.)
 - minimum grade C-
- REL-R 245 Introduction to Judaism (3 cr. hrs.)
 - minimum grade C-
- REL-R 257 Introduction to Islam (3 cr. hrs.)
 - minimum grade C-
- REL-R 280 Speaking of God (3 cr. hrs.)
 - minimum grade C-
- REL-R 327 Christianity 50-450 (3 cr. hrs.)
 - minimum grade C-
- REL-R 331 Christianity 1500-2000 (3 cr. hrs.)
 - minimum grade C-
- REL-R 335 Religion in the United States, 1600-1850 (3 cr. hrs.)
 - minimum grade C-
- REL-R 336 Religion in the United States, 1850-Present (3 cr. hrs.)
 - minimum grade C-
- REL-R 345 Religious Issues in Contemporary Judaism (3 cr. hrs.)
 - minimum grade C-
- REL-R 362 Religion in Literature (3 cr. hrs.)
 - minimum grade C-
- REL-R 364 Topics in Gender and Western Religion (3 cr. hrs.)
 - minimum grade C-
- REL-R 371 Religion, Ethics, and the Environment (3 cr. hrs.)
 - minimum grade C-

Religious Studies Electives

- REL-R 160 Religion and American Culture (3 cr. hrs.)
 - minimum grade C-
- REL-R 170 Religion, Ethics, and Public Life (3 cr. hrs.)
 - minimum grade C-
- REL-R 180 Introduction to Christianity (3 cr. hrs.)
 - minimum grade C-

Minor in Philosophy Degree/Certificate Requirements

By completing 15 credit hours in philosophy, including 3 credit hours in logic and 9 credit hours at the 200 level or above, students can receive a minor in philosophy. Minor in philosophy offers students working toward another major the opportunity to expand their studies and inform their work in other disciplines. It gives students a chance to address some of the ethical questions that will undoubtedly arise within the context of their chosen field, as well as to gain a stronger grasp of the philosophical and historical elements that contribute to the foundations of their discipline. In addition, minoring in philosophy helps the student to sharpen his or her analytic skills and to achieve a greater cultural awareness.

Select one Logic course

- PHIL-P 113 Introduction to Debate, Argument, and Persuasion (3 cr. hrs.)
 - minimum grade C

- PHIL-P 150 Elementary Logic (3 cr. hrs.)

- minimum grade C

- PHIL-P 250 Introductory Symbolic Logic (3 cr. hrs.)

- minimum grade C

- PHIL-P 251 Intermediate Symbolic Logic (3 cr. hrs.)

- minimum grade C

Prescribed Electives

- PHIL-P 200/300/400 3 courses (9 units) in Philosophy at 200 level or higher (9 cr. hrs.)
 - minimum grade C

Open Elective

- PHIL-P 100-400 One additional Philosophy course at any level (3 cr. hrs.)
 - minimum grade C

Minor in Religious Studies

Students can minor in religious studies by completing 15 credit hours of religious studies courses with 9 credit hours at the 200 level or above. PHIL-P 371 Philosophy of Religion (3 cr.) may be counted in the 15 credit hours.

Introductory Level Course

- REL-R 100 Any religious studies course at 100 level (3 cr. hrs.)
 - minimum grade C

Upper Division Level Requirements

- REL-R 200/300/400 3 courses (9 units) in Religious Studies at 200 level or higher And/Or (9 cr. hrs.)
 - minimum grade C

- PHIL-P 371 Philosophy of Religion (3 cr. hrs.)

- minimum grade C

Open Elective

- REL-R 100-400 One additional REL-R course at any level. (3 cr. hrs.)
 - minimum grade C

Theatre

The Theatre program at Indiana University Southeast is committed to providing a wide variety of opportunities for students to explore and develop expertise in performance

and design. All theatre majors are active participants in the Theatre Department's productions which serve as a laboratory for the major. Students are able to acquire skills and specialize in design, directing, and performance as they receive individualized attention and one to one interaction with the theatre faculty.

Contact Information

Arts and Letters Office: (812) 941-2342

Website: <https://www.ius.edu/theatre/>

Academics

Undergraduate Degrees

- Bachelor of Arts

Minors

- Theatre Minor

Communication - Theatre & Theatre Business Tracks (Bachelor of Arts)

The Theatre Department at Indiana University Southeast gives students the opportunity in both performance and technical concentrations to leave the department with a full grasp of not only their own area of expertise, but of theatre as a whole. Upon graduation, students will have an understanding of their talents and the skills they will need to continue to improve to achieve their goals.

The Theatre Department provides students with the knowledge and skills to grapple with issues of integrity, ethics and the relationship between life in the theatre and the "outside world" in terms of self expression, responsibility, and involvement in making positive contributions to society as a whole.

Student Learning Goals

1. Students will communicate effectively in speaking and writing. They will become proficient delivering public presentations, working in group situations, and interacting interpersonally. Students will also learn to write effectively for a variety of purposes and audiences.
2. Students will think logically and critically. Theatre students should be proficient in the following: developing problem-solving approaches, conducting research, analyzing evidence and sources of evidence, distinguishing between sound and fallacious reasoning, and analyzing and evaluating texts and messages.
3. Students will possess an in-depth knowledge of the field of theatre. This will include major theoretical foundations in theatre. Students will also be able to utilize such information in practical applications of the theories and concepts.
4. Students will function effectively in a culturally diverse community and a global society.

Major/Department Policies

The following policies apply to the tracks in Theatre and Theatre Business

- **GPA:** All required core courses in the Theatre track must be completed with a minimum grade of C or higher.

- **Graduation Requirements:** All Baccalaureate degrees offered by IU Southeast requires a minimum of 120 credit hours and a minimum of 30 credit hours of upper level coursework (300-level or above). No more than 64 credit hours earned in accredited junior/community colleges may be applied towards a Baccalaureate degree. The University Residency Requirement dictates that students must complete no less than 26 credit hours at IU Southeast during their senior year and no less than 10 credit hours of coursework in the major field of study. Students must complete all General Education and Bachelor of Arts requirements. For a major in Theatre/Theatre Business, students must complete all courses listed in the program's degree plan. Further, the Department also must approve all transfer credits into the major.
- **Transfer credits** (Resident, Transfer, and Returning Students): Students who originally enrolled at IU Southeast, who have completed the requirements for admission into the Theatre program, and who have been continuously enrolled at IU Southeast (no more than three consecutive semesters without enrolling at IUS) are considered resident students. A student transferring from another university, or changes majors within IU Southeast, will be considered a resident student and will be covered by resident student guidelines. Students who have not enrolled at IU Southeast for four or more consecutive semesters are considered returning students.
- **Policies for Accepting Transfer Credit:** Department of Theatre policy for those transferring core courses:
 - Prerequisites for core courses must be met (either by completing the course[s] at IU Southeast or through transfer credit from another university) before a student may enroll in the core course.
 - All of the core courses must be completed either by taking the appropriate course, or through substitution via a comparable course transferred from another institution or department.
 - The authority to decide which, if any, courses will be accepted for transfer credit will rest with the student's advisor (with the consent of the faculty of the Theatre Department). The student's advisor may require a syllabus or some other evidence of a course's suitability for transfer credit before a decision is made.
 - Students may not use correspondence courses in theatre for academic credit.
 - Students may take one theatre course through Metroversity per year, totaling no more than 4 Metroversity courses.
 - Transfer students must also meet the distribution and graduation requirements as they appear in the IU Southeast *Bulletin*.
- **Returning Students:** Returning students must meet the distribution and major requirements as outlined in the IU Southeast *Bulletin* for the term in which they re-enroll. Core courses completed more than five years prior to re-enrollment will be accepted for credit on a case by case basis to be determined

by the Department of Theatre faculty. All students (resident, transfer, and returning) must meet the B.A. requirements for distribution and major courses outlined in the IU Southeast *Bulletin*.

University policies: Students must adhere to all university policies and rules as described in the IU Southeast *Bulletin* in effect when a student enrolls in the university.

Scholarships/Awards

The Rasmussen Scholarship

The Rasmussen Awards are funded by an endowment given to Indiana University Southeast by Mrs. Naomi K. Rasmussen of New Albany, Indiana. The Indiana University Foundation holds the fund in trust, and a percentage of the fund's earnings are awarded annually to exceptional students in the performing arts.

The Rasmussen Awards are intended to strengthen and support the performing arts at Indiana University Southeast by offering talented students monetary assistance for full participation in musical, theatrical, and/or dance performing groups.

Award amounts vary with each student. Students who qualify will be awarded funds which may cover tuition and fees for up to 30 credit hours per academic year. Awards are given on a year-to-year basis. A student in good standing who has fulfilled previous award obligations may apply each year for the award. Please be aware, however, that these awards are competitive.

Qualifications: Students who receive this award will be selected on the basis of their past participation and success in theatrical production or performance, their grades, the strength of their recommendations, their audition and/or portfolio presentation, and their commitment to participation in a broad range of theatre.

Complete information, including audition dates and times, may be found on the Theatre Department web page (<https://www.ius.edu/theatre>).

Degree/Certificate Requirements

See "General Requirements for Undergraduate Degrees at IU Southeast" and "General Requirements for the Bachelor of Arts Degree."

General Education Component

Applicable to all Theatre tracks

Note: This is not a re-statement of the University's General Education Requirement but a list of specific General Education courses which are also requirements or prerequisites for course work in the school/major.

- THTR-T 120 Acting I (3 cr. hrs.)
 - minimum grade C

Theatre Concentration

BA Distribution Component

- THTR-T 270 Introduction to History of Theatre I (3 cr. hrs.)
 - minimum grade C

- THTR-T 271 Introduction to History of Theatre II (3 cr. hrs.)
 - minimum grade C

Students must complete each of the following core requirements. Students may substitute THTR-T 320 Acting III for the THTR-T 220 Acting II course with permission of theatre faculty.

Core Program

- THTR-T 220 Acting II (3 cr. hrs.)
 - minimum grade C
- THTR-T 222 Voice for the Actor (3 cr. hrs.)
 - minimum grade C
- THTR-T 225 Stagecraft I (3 cr. hrs.)
 - minimum grade C
- THTR-T 363 Modern Plays for Stage Interpretation (3 cr. hrs.)
 - minimum grade C

Major Specific Requirements

Theatre Design – minimum 3 credit hours from the following:

- THTR-T 230 Stage Costuming I (3 cr. hrs.)
 - minimum grade C
- THTR-T 326 Scene Design (3 cr. hrs.)
 - minimum grade C
- THTR-T 335 Stage Lighting I (3 cr. hrs.)
 - minimum grade C
- THTR-T 433 Costume Design (3 cr. hrs.)
 - minimum grade C

Dramatic Literature – minimum 3 credit hours from the following:

- THTR-T 275 American Theatre: The Black Experience & Contribution (3 cr. hrs.)
 - minimum grade C
- ENG-L 203 Introduction to Drama (3 cr. hrs.)
 - minimum grade C
- ENG-L 308 Elizabethan Drama and Its Background (3 cr. hrs.)
 - minimum grade C
- ENG-L 313 Early Plays of Shakespeare (3 cr. hrs.)
 - minimum grade C
- ENG-L 314 Late Plays of Shakespeare (3 cr. hrs.)
 - minimum grade C
- ENG-L 328 Restoration and Eighteenth-Century Drama (3 cr. hrs.)
 - minimum grade C

- ENG-L 363 American Drama (3 cr. hrs.)
 - minimum grade C
- ENG-L 365 Modern Drama: Continental (3 cr. hrs.)
 - minimum grade C

- ENG-L 366 Modern Drama: English, Irish, and American (3 cr. hrs.)
 - minimum grade C

Practical Experience – 6 credits to be chosen as a combination of the following:

- THTR-T 349 Theatre Practicum (Credit arranged, max. 2 credits per sem. for a total of 6 credits cr. hrs.)
 - minimum grade C
- THTR-T 385 Theatre Laboratory (Credit arranged, max. 2 credits per semester cr. hrs.)
 - minimum grade C

Nine (9) credit hours must be selected from courses in theatre electives. These electives must be from the 200-400 Level.

Three (3) credit hour Senior Capstone Experience and Portfolio Review: Junior level theatre-track majors must schedule a capstone experience to be completed during their senior year of study with a member of the theatre faculty.

See theatre web site (<https://www.ius.edu/theatre>) for capstone requirements.

Electives

- THTR-T 221 Movement for the Actor (3 cr. hrs.)
 - minimum grade C
- THTR-T 230 Stage Costuming I (3 cr. hrs.)
 - minimum grade C
- THTR-T 236 Readers Theatre I (3 cr. hrs.)
 - minimum grade C
- THTR-T 275 American Theatre: The Black Experience & Contribution (3 cr. hrs.)
 - minimum grade C
- THTR-T 310 Creative Dramatics (3 cr. hrs.)
 - minimum grade C
- THTR-T 315 Oral Interpretation II (3 cr. hrs.)
 - minimum grade C
- THTR-T 320 Acting III (3 cr. hrs.)
 - minimum grade C
- THTR-T 325 Voice and Speech (3 cr. hrs.)
 - minimum grade C
- THTR-T 326 Scene Design I (3 cr. hrs.)
 - minimum grade C

- THTR-T 335 Stage Lighting (3 cr. hrs.)
 - minimum grade C
- THTR-T 340 Directing I (3 cr. hrs.)
 - minimum grade C
- THTR-T 345 Theatre for Children (3 cr. hrs.)
 - minimum grade C
- THTR-T 349 Theatre Practicum (Credit arranged, max. 2 credits per sem. for a total of 6 credits cr. hrs.)
 - minimum grade C
- THTR-T 385 Theatre Laboratory (Credit arranged, max. 2 credits per semester cr. hrs.)
 - minimum grade C
- THTR-T 390 Creative Work in Summer Theatre (1-3; may be repeated once for credit cr. hrs.)
 - minimum grade C
- THTR-T 400 Arts Management (3 cr. hrs.)
 - minimum grade C
- THTR-T 410 Movement for the Theatre (3 cr. hrs.)
 - minimum grade C
- THTR-T 424 Stagecraft II (3 cr. hrs.)
 - minimum grade C
- THTR-T 433 Costume Design (3 cr. hrs.)
 - minimum grade C
- THTR-T 446 Theatre for Children (3 cr. hrs.)
 - minimum grade C
- THTR-T 453 Playwriting I (3 cr. hrs.)
 - minimum grade C
- THTR-T 458 Screenwriting (3 cr. hrs.)
 - minimum grade C
- THTR-T 483 Topics in Theatre and Drama (1-3; may be repeated once for credit if topic differs cr. hrs.)
 - minimum grade C
- THTR-T 490 Independent Study in Theatre and Drama (1-6 cr. hrs.)
 - minimum grade C

Capstone

- THTR-T 490 Independent Study in Theatre and Drama (3 cr. hrs.)
 - minimum grade C

Theatre Business Concentration

BA Distribution Component

Theatre Components

- THTR-T 270 Introduction to History of Theatre I (3 cr. hrs.)

- minimum grade C

- THTR-T 271 Introduction to History of Theatre II (3 cr. hrs.)
 - minimum grade C

Business Components

- PSY-P 101 Introductory Psychology I (3 cr. hrs.)

- minimum grade C

- SOC-S 163 Social Problems (3 cr. hrs.)

- minimum grade C

- ECON-E 101 Survey of Economic Issues and Problems (3 cr. hrs.)
 - minimum grade C

Core Program

Theatre Components

- THTR-T 225 Stagecraft I (3 cr. hrs.)

- minimum grade C

- THTR-T 340 Directing I (3 cr. hrs.)

- minimum grade C

- THTR-T 400 Arts Management (3 cr. hrs.)

- minimum grade C

Business Components

- BUS -A 201 Introduction to Financial Accounting (3 cr. hrs.)
 - minimum grade C

- BUS-L 201 Legal Environment of Business (3 cr. hrs.)

- minimum grade C

- BUS-M 300 Introduction to Marketing Management (3 cr. hrs.)
 - minimum grade C

- BUS-M 415 Advertising and Promotion Management (3 cr. hrs.)
 - minimum grade C

Professional Internship 3

Major Specific Requirements

Dramatic Literature – minimum of 3 credit hours from the following:

- THTR-T 275 American Theatre: The Black Experience & Contribution (3 cr. hrs.)
 - minimum grade C

- THTR-T 363 Modern Plays for Stage Interpretation (3 cr. hrs.)
 - minimum grade C

- ENG-L 203 Introduction to Drama (3 cr. hrs.)

- minimum grade C

- ENG-L 308 Elizabethan Drama and Its Background (3 cr. hrs.)
 - minimum grade C

- ENG-L 313 Early Plays of Shakespeare (3 cr. hrs.)
 - minimum grade C
- ENG-L 314 Late Plays of Shakespeare (3 cr. hrs.)
 - minimum grade C
- ENG-L 328 Restoration and Eighteenth-Century Drama (3 cr. hrs.)
 - minimum grade C
- ENG-L 363 American Drama (3 cr. hrs.)
 - minimum grade C
- ENG-L 365 Modern Drama: Continental (3 cr. hrs.)
 - minimum grade C
- ENG-L 366 Modern Drama: English, Irish, and American (3 cr. hrs.)
 - minimum grade C

Practical Experience – 4 credits chosen as a combination of the following:

- THTR-T 349 Theatre Practicum (Credit arranged, max. 2 credits per sem. for a total of 6 credits cr. hrs.)
 - minimum grade C
- THTR-T 385 Theatre Laboratory (Credit arranged, max. 2 credits per semester cr. hrs.)
 - minimum grade C

Students must choose one of the following:

- MATH-M 119 Brief Survey of Calculus I (3 cr. hrs.)
 - minimum grade C

OR

- MATH -M 122 College Algebra (3 cr. hrs.)
 - minimum grade C

AND

- CSCI –C 106 Introduction to Computers and Their Use (3 cr. hrs.)
 - minimum grade C
- ENG-W 231 Professional Writing Skills (3 cr. hrs.)
 - minimum grade C

Specific Requirements for Concentration

Students must take six (6) credit hours of electives from the recommended list below:

Advertising courses in communication studies may also be used to fulfill the elective requirement.

Three (3) credit hour Senior Capstone Experience and Portfolio Review: Junior level theatre-track majors must schedule a capstone experience to be completed during their senior year of study with a member of the theatre faculty.

See theatre web site (<https://www.ius.edu/theatre>) for capstone requirement

Electives

- BUS-A 202 Introduction to Managerial Accounting (3 cr. hrs.)
 - minimum grade C
- BUS-F 260 Personal Finance (3 cr. hrs.)
 - minimum grade C
- COAS-W 100 Introduction to Business (3 cr. hrs.)
 - minimum grade C
- FINA-P 273 Computer Art and Design I (3 cr. hrs.)
 - minimum grade C
- SPCH-S 223 Business and Professional Communication (3 cr. hrs.)
 - minimum grade C
- SPCH-S 324 Persuasion (3 cr. hrs.)
 - minimum grade C
- MUS-U 411 Performing Arts Center Management (3 cr. hrs.)
 - minimum grade C

Capstone

- THTR-T 490 Independent Study in Theatre and Drama (3 cr. hrs.)
 - minimum grade C

Minor in Theatre

Department Policies

- All required courses in the theatre track must be completed with a minimum grade of C.
- Students may not use correspondence courses in theatre for academic credit.
- Students may take one theatre course through Metroversity per year, totaling no more than 4 Metroversity courses.

Degree Requirements

Students must complete 15 credit hours from the follow core theatre requirements for a completion of a minor. The theatre history requirement may be completed with either THTR-T 270 or THTR-T 271.

Common Requirements/Core Program

- THTR-T 120 Acting I: Fundamentals of Acting (3 cr. hrs.)
 - minimum grade C
- THTR-T 225 Stagecraft I (3 cr. hrs.)
 - minimum grade C

Students must choose one of the following:

- THTR-T 270 Introduction to History of Theatre I (3 cr. hrs.)
 - minimum grade C
- THTR-T 271 Introduction to History of Theatre II (3 cr. hrs.)
 - minimum grade C

Six (6) credit hours must be selected from courses in theatre electives. These electives must be at the 200-400 Level.

Upper Division Requirements

Elective and Upper Division Options

- THTR-T 221 Movement for the Actor (3 cr. hrs.)
 - minimum grade C
- THTR-T 230 Stage Costuming I (3 cr. hrs.)
 - minimum grade C
- THTR-T 236 Readers Theatre I (3 cr. hrs.)
 - minimum grade C
- THTR-T 275 American Theatre: The Black Experience & Contribution (3 cr. hrs.)
 - minimum grade C
- THTR-T 310 Creative Dramatics (3 cr. hrs.)
 - minimum grade C
- THTR-T 315 Oral Interpretation II (3 cr. hrs.)
 - minimum grade C
- THTR-T 320 Acting III (3 cr. hrs.)
 - minimum grade C
- THTR-T 325 Voice and Speech (3 cr. hrs.)
 - minimum grade C
- THTR-T 326 Introduction to Scenic Design (3 cr. hrs.)
 - minimum grade C
- THTR-T 335 Stage Lighting Design (3 cr. hrs.)
 - minimum grade C
- THTR-T 340 Directing I: Fundamentals (3 cr. hrs.)
 - minimum grade C
- THTR-T 345 Theatre for Children (3 cr. hrs.)
 - minimum grade C
- THTR-T 349 Theatre Practicum (cr. arr., max. 2 cr. per sem. for a total of 6 cr. cr. hrs.)
 - minimum grade C
- THTR-T 363 Modern Plays for Stage Interpretation (3 cr. hrs.)
 - minimum grade C
- THTR-T 385 Theatre Laboratory (cr. arr., max. 2 cr. per sem. cr. hrs.)
 - minimum grade C
- THTR-T 390 Creative Work in Summer Theatre (1-3; may be repeated once for credit cr. hrs.)
 - minimum grade C
- THTR-T 400 Arts Management (3 cr. hrs.)
 - minimum grade C
- THTR-T 410 Movement for the Theatre (3 cr. hrs.)
 - minimum grade C
- THTR-T 424 Stagecraft II (3 cr. hrs.)
 - minimum grade C
- THTR-T 433 Costume Design (3 cr. hrs.)
 - minimum grade C
- THTR-T 446 Theatre for Children (3 cr. hrs.)
 - minimum grade C
- THTR-T 453 Playwriting I (3 cr. hrs.)
 - minimum grade C
- THTR-T 458 Screenwriting (3 cr. hrs.)
 - minimum grade C
- THTR-T 483 Topics in Theatre and Drama (1-3; may be repeated once for credit if topic differs cr. hrs.)
 - minimum grade C
- THTR-T 490 Independent Study in Theatre and Drama (1-6 cr. hrs.)
 - minimum grade C

Women & Gender Studies

The Women and Gender Studies Program provides you with an opportunity to work in an interdisciplinary program to study how gender and sexuality influence human behavior, culture, and society. You will study issues of gender as they relate to class, race, age, sexual orientation, and ethnicity in order to better understand many women and gender-related issues.

Contact Information

Arts and Letters Office: (812) 941-2342

Website: <https://www.ius.edu/women-and-gender-studies/>

Academics

Undergraduate Certificates

- Women & Gender Studies Certificate

Minors

- Women & Gender Studies Minor

Certificate in Women's and Gender Studies

Mission/Vision Statement

The Women's and Gender Studies Program at IU Southeast is interdisciplinary and draws from diverse specializations. In the program, students learn and share knowledge about the way gender, sexuality, and culture shape the experiences, ideologies, individuals, and politics in the world. Students explore issues of gender, sexuality, and culture in the context of history, literature, class studies, religion, art, philosophy, sociology, the natural sciences and other areas. The Women's and Gender Studies program is dedicated to working for intellectual excellence, educational equity and a campus

free of sexism, racism, heterosexism and other forms of discriminatory treatment.

Student Learning Goals

- Students will analyze gender and sexuality as social constructions.
- Students will reflect on variations in women's and men's experiences across nations, cultures, time, class, race, religion, etc.
- Students will learn to recognize the intersectional nature of gender, sexuality, race, ethnicity and class.

Certificate Requirements

24 credit hours in women's and gender studies, including:

- WOST-W200 Women in Society – Introduction to Women's Studies
- WOST-W400 Selected Topics in Women's Studies (Senior Seminar)
- 18 credit hours in other women's studies courses which must include:
 - two humanities courses from approved list of electives
 - two social science courses from approved list of electives
 - at least 12 of these 18 credit hours must be in 300- to 400-level courses

- WOST-W 200 Women in Society – Introduction to Women's Studies (3 cr. hrs.)
 - minimum grade C-

Electives

- CJUS-P 335 Race, Gender, and Inequality in the Criminal Justice System (3 cr. hrs.)
 - minimum grade C-
- ENG-L 207 Women and Literature (3 cr. hrs.)
 - minimum grade C-
- ENG-L 335 Victorian Literature (3 cr. hrs.)
 - minimum grade C-
- ENG-L 378 Studies in Women and Literature (3 cr. hrs.)
 - minimum grade C-
- FINA-A 485 Women and Gender in the Visual Arts (3 cr. hrs.)
 - minimum grade C-
- FINA-A 490 Special Topics in Art History (3 cr. hrs.)
 - minimum grade C-
- HPER-H 305 Women's Health(3 cr. hrs.)
 - minimum grade C-
- LSTU-L210Workplace Discrimination/Fair Employment(3 cr. hrs.)
 - minimum grade C-
- LSTU-L290Topics in Labor Studies: Preventing Sexual Harassment(3 cr. hrs.)
 - minimum grade C-

- LSTU-L290Topics in Labor Studies: Family Medical Leave Act(3 cr. hrs.)
 - minimum grade C-
- LSTU-L385Class, Race, Gender, and Work(3 cr. hrs.)
 - minimum grade C-
- PHIL-P345Problems in Social and Political Philosophy: Gender and Sexuality(3 cr. hrs.)
 - minimum grade C-
- PHIL-P 394 Feminist Philosophy (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 324 Women and Politics (3 cr. hrs.)
 - minimum grade C-
- PSY-B 388 Human Sexuality (3 cr. hrs.)
 - minimum grade C-
- PSY-P 460 The Psychology of Women (3 cr. hrs.)
 - minimum grade C-
- REL-R 364 Topics in Gender and Western Religion (3 cr. hrs.)
 - minimum grade C-
- SOC-R 320 Sexuality and Society (3 cr. hrs.)
 - minimum grade C-
- SOC-R 326 Masculinity and Society (3 cr. hrs.)
 - minimum grade C-
- SOC-S 338 Sociology of Sex Roles (3 cr. hrs.)
 - minimum grade C-
- SOC-S 416 The Family (3 cr. hrs.)
 - minimum grade C-
- SOC-R 463 Inequality and Society (3 cr. hrs.)
 - minimum grade C-
- SPCH-S 450 Gender and Communication (3 cr. hrs.)
 - minimum grade C-
- WOST-W 495 Readings and Research in Women's Studies (3 cr. hrs.)
 - minimum grade C-

Capstone

- WOST-W 400 Selected Topics in Women's Studies (Senior Seminar) (3 cr. hrs.)
 - minimum grade C-

Minor in Women's and Gender Studies

Mission/Vision Statement

The Women's and Gender Studies Program at IU Southeast is interdisciplinary and draws from diverse specializations. In the program, students learn and share knowledge about the way gender, sexuality, and culture shape the experiences, ideologies, individuals, and politics in the world. Students explore issues of gender, sexuality, and culture in the context of history, literature, class studies, religion, art, philosophy, sociology, the natural sciences and other areas. The Women's and Gender Studies program is dedicated to working for intellectual excellence, educational equity and a campus free of sexism, racism, heterosexism and other forms of discriminatory treatment.

Student Learning Goals

- Students will analyze gender and sexuality as social constructions
- Students will reflect on variations in women's and men's experiences across nations, cultures, time, class, race, religion, etc.
- Students will learn to recognize the intersectional nature of gender, sexuality, race, ethnicity, and class.

Minor Requirements

15 credit hours, including:

- WOST-W200 Women in Society - Introduction to Women's Studies
- two humanities courses from approved list of electives
- two social science courses from approved list of electives

Core Program

- WOST-W 200 Women in Society – Intro to Women's Studies (3 cr. hrs.)
 - minimum grade C

Electives

- CJUS-P 335 Race, Gender, and Inequality in the Criminal Justice System (3 cr. hrs.)
 - minimum grade C
- ENG-L 207 Women and Literature (3 cr. hrs.)
 - minimum grade C
- ENG-L 335 Victorian Literature (3 cr. hrs.)
 - minimum grade C
- ENG-L 378 Studies in Women and Literature (3 cr. hrs.)
 - minimum grade C
- FINA-A 485 Women and Gender in the Visual Arts (3 cr. hrs.)
 - minimum grade C
- FINA-A 490 Special Topics in Art History (3 cr. hrs.)
 - minimum grade C
- HPER-H 305 Women's Health(3 cr. hrs.)
 - minimum grade C

- LSTU-L210Workplace Discrimination/Fair Employment(3 cr. hrs.)
 - minimum grade C
- LSTU-L290Topics in Labor Studies: Preventing Sexual Harassment(3 cr. hrs.)
 - minimum grade C
- LSTU-L290Topics in Labor Studies: Family Medical Leave Act(3 cr. hrs.)
 - minimum grade C
- LSTU-L385Class, Race, Gender, and Work(3 cr. hrs.)
 - minimum grade C
- PHIL-P345Problems in Social and Political Philosophy: Gender and Sexuality(3 cr. hrs.)
 - minimum grade C
- PHIL-P 394 Feminist Philosophy (3 cr. hrs.)
 - minimum grade C
- POLS-Y 324 Women and Politics (3 cr. hrs.)
 - minimum grade C
- PSY-B 388 Human Sexuality (3 cr. hrs.)
 - minimum grade C
- PSY-P 460 The Psychology of Women (3 cr. hrs.)
 - minimum grade C
- REL-R 364 Topics in Gender and Western Religion (3 cr. hrs.)
 - minimum grade C
- SOC-R 320 Sexuality and Society (3 cr. hrs.)
 - minimum grade C
- SOC-R 326 Masculinity and Society (3 cr. hrs.)
 - minimum grade C
- SOC-S 338 Sociology of Sex Roles (3 cr. hrs.)
 - minimum grade C
- SOC-S 416 The Family (3 cr. hrs.)
 - minimum grade C
- SOC-R 463 Inequality and Society (3 cr. hrs.)
 - minimum grade C
- SPCH-S 450 Gender and Communication (3 cr. hrs.)
 - minimum grade C
- WOST-W 495 Readings and Research in Women's Studies (3 cr. hrs.)
 - minimum grade C

Certificate in Leadership

Leadership Certificate Requirements

The interdisciplinary Certificate in Leadership provides students an opportunity to develop fundamental skills and knowledge necessary to assume leadership, supervisory, or management positions in private companies and nonprofit organizations.

Students complete 12 credit hours with a minimum GPA of 3.0. Students must earn a minimum B in EDUC-U495 (Leadership Training) to continue in the certificate program.

Complete 12 credit hours, including:

- EDUC-U495 Seminar in Leadership Training (1 cr. hrs.)
 - minimum grade B

Leadership: One course from the following:

- BUS-N221Principles of Leadership(3 cr. hrs.)
 - minimum grade C
- SUPV-S300Frontline Leadership(3 cr. hrs.)
 - minimum grade C

Communications: One course from the following:

- COMM-C or SPCH-S 102 122 Interpersonal Communication(3 cr. hrs.)
 - minimum grade C
- COMM-C or SPCH-S101 121Public Speaking(3 cr. hrs.)
 - minimum grade C

Ethics: One course from the following:

- PHIL-P or PHIL-P 102 140Introduction to Ethics(3 cr. hrs.)
 - minimum grade C
- PHIL-P 240Business and Morality: Ethics in Context(3 cr. hrs.)
 - minimum grade C

Community Development

- COAS-R399Topic: Community/Campus Involvement(2 cr. hrs.)
 - minimum grade C

Minor in Leadership

Leadership Minor Requirements

The interdisciplinary Minor in Leadership provides students an opportunity to develop fundamental skills and knowledge necessary to assume leadership, supervisory, or management positions in private companies and nonprofit organizations.

Students complete 18 credit hours with a minimum GPA of 3.0. A cumulative GPA of 2.5 is necessary for admission to the minor, which must be added before a student completes 90 credit hours. Students must earn a minimum B in EDUC-U495 (Leadership Training) to continue in the minor.

Complete 18 credit hours, including:

- EDUC-U495 Seminar in Leadership Training (1 cr. hrs.)
 - minimum grade B

Leadership: Two courses from the following:

- BUS-Z200Introduction to Human Resources Management(3 cr. hrs.)
 - minimum grade C
- BUS-N221Principles of Leadership(3 cr. hrs.)
 - minimum grade C
- BUS-N220Conference Leadership Training(3 cr. hrs.)
 - minimum grade C
- HPER-R272Recreation Act/Ldr Methods(3 cr. hrs.)
 - minimum grade C
- PSY-B366Concepts and Applications of Organizational Psychology(3 cr. hrs.)
 - minimum grade C
- PSY-B378Introduction to Industrial Psychology(3 cr. hrs.)
 - minimum grade C
- POLS-Y404Political Issues in Public Personnel Management(3 cr. hrs.)
 - minimum grade C
- SUPV-S300Frontline Leadership(3 cr. hrs.)
 - minimum grade C

Ethics: One course from the following:

- PHIL-P or PHIL-P 102 140 Introduction to Ethics(3 cr. hrs.)
 - minimum grade C
- PHIL-P240Business & Morality: Ethics in Context(3 cr. hrs.)
 - minimum grade C
- BUS-N120Business Ethics and Social Responsibility(3 cr. hrs.)
 - minimum grade C

Communication: Two courses from the following:

- CMCL-C 205Introduction to Communication and Culture(3 cr. hrs.)
 - minimum grade C
- CMCL-C or SPCH-S 380 or 380 Nonverbal Communication(3 cr. hrs.)
 - minimum grade C
- COMM-C or SPCH-S 102 or 122 Interpersonal Communication(3 cr. hrs.)
 - minimum grade C
- CMCL-C or SPCH-S 450 or 450 Gender and Communication(3 cr. hrs.)
 - minimum grade C
- COMM-C or SPCH-S 101 or 121 Public Speaking(3 cr. hrs.)
 - minimum grade C
- SPCH-S229Discussion & Group Methods(3 cr. hrs.)
 - minimum grade C

and

- COAS-R399Topic: Community/Campus Involvement(2 cr. hrs.)

- minimum grade C

Certificate in Multimedia Production

Program Description: This certificate program provides comprehensive instruction in the production and writing techniques for multimedia platforms. Although targeted to persons operating small and non-profit businesses, it also strongly augments the educational experience of many majors, providing necessary job skills for the current market.

Format: This 18-hour certificate contains a core curriculum of 12 credit hours drawn from Journalism, Fine Arts, Writing and Music. An additional 6 credit hours of electives are selected from a list of these and other departments, allowing the students to customize the certificate to their needs. Many of the required classes meet in the evenings, and are offered as on-line or hybrid (combination of in-person and online meetings), for those who are working full-time.

Pre-Requisites: All course pre-requisites are waived for certificate students. Students are expected to have some college level or equivalent professional writing experience.

Core Course Requirements

Complete all four for 12 credit hours.

Dept.	Course Number	Title	Credit Hours	Minimum Grade
FINA-P	323	Introduction to Web Design	3	C
JOUR-J	301	Social Media Strategies	3	C
ENG-W	315	Writing for the Web	3	C
MUS-A	101	Intro to Audio Recording	3	C

Elective Course Options

Complete 2 courses for 6 credit hours selected from the options below.

Dept.	Course Number	Title	Credit Hours	Minimum Grade
FINA-D	210	Digital Art Survey & Practice	3	C
FINA-S	310	Introduction to Photography	3	C
JOUR-J	303	Online Journalism	3	C
JOUR-J	362	Journalism Multimedia Storytelling	3	C
MUS-A	301	Electronic Studio Resources	3	C
JOUR-J	344	Photojournalism Reporting	3	C

JOUR-J	354	Photojournalism Editing	C
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Certificate and Minor in Supervision

Program Description

Note: B.G.S. students may earn a minor in other disciplines. For details, please contact an academic advisor.

The General Studies Degree Program at Indiana University Southeast offers a certificate as well as a minor in supervision. The Certificate in Supervision is composed of 18 credit hours and the Minor consists of 24 credit hours. Students who complete the Certificate in Supervision can also complete the Minor in Supervision by completing six additional credit hours. Students may select the six additional credit hours from four different areas.

The courses are designed to prepare trainees and entry-level supervisory personnel but also to allow students to broaden their knowledge in the following areas:

- Business and Organizational Leadership & Supervision (OLS)
- Communication Skills
- Counseling and Human Behavior
- Safety Management

Certificate in Supervision - 18 credit hours

- COAS-W100 Introduction to Business(3 cr. hrs.)
 - minimum grade C
- SPCH-S122 Interpersonal Communication(3 cr. hrs.)
 - minimum grade C
- SUPV-S300 Frontline Leadership(3 cr. hrs.)
 - minimum grade C
- SUPV-S310 Resource and Planning Management(3 cr. hrs.)
 - minimum grade C
- SUPV-S320 Labor Relations(3 cr. hrs.)
 - minimum grade C
- HPER-H160 First Aid(3 cr. hrs.)
 - minimum grade C

Supervision Minor - 24 credit hours

The minor in Supervision includes the six core courses listed for the supervision certificate. Students then select six credit hours from any of the courses listed below for the minor:

Business and Organizational Leadership & Supervision

Note: These courses are offered through the Purdue College of Technology

- OLS252 Human Behavior in Organizations(3 cr. hrs.)
 - minimum grade C

- OLS284Leadership Principles(3 cr. hrs.)
 - minimum grade C
- OLS331Occupational Safety and Health(3 cr. hrs.)
 - minimum grade C
- OLS345Critical Thinking in Organizations(3 cr. hrs.)
 - minimum grade C
- OLS386Leadership for Organizational Change(3 cr. hrs.)
 - minimum grade C

Business

- BUS-P301Operations Management(3 cr. hrs.)
 - minimum grade C
- BUS-P430Total Quality Management(3 cr. hrs.)
 - minimum grade C
- BUS-Z302Managing & Behavior in Organizations(3 cr. hrs.)
 - minimum grade C

Communication Skills

- ENG-W231Professional Writing Skills(3 cr. hrs.)
 - minimum grade C
- SPCH-C325Interviewing Principles & Practices(3 cr. hrs.)
 - minimum grade C
- SPCH-S223Business & Professional Speaking(3 cr. hrs.)
 - minimum grade C
- SPCH-S308Family Communication(3 cr. hrs.)
 - minimum grade C
- SPCH-S229Discussion and Group Methods(3 cr. hrs.)
 - minimum grade C
- SPCH-S440Organizational Communication(3 cr. hrs.)
 - minimum grade C
- SPCH-S450Gender & Communication(3 cr. hrs.)
 - minimum grade C

Counseling & Behavior

- PSY-B366Concepts & Applications of Organizational Psychology(3 cr. hrs.)
 - minimum grade C
- PSY-B378Introduction to Industrial Psychology(3 cr. hrs.)
 - minimum grade C
- PSY-B386Introduction to Counseling(3 cr. hrs.)
 - minimum grade C

Safety Management

- SPH-S101Introduction to Safety Science(3 cr. hrs.)
 - minimum grade C
- SPH-S151Legal Aspects of Safety(3 cr. hrs.)
 - minimum grade C
- SPH-S174Prevention of Violence in American Society(3 cr. hrs.)
 - minimum grade C
- SPH-S201Introduction to Industrial Hygiene(3 cr. hrs.)
 - minimum grade C
- SPH-S202Fundamentals of Fire Protection(3 cr. hrs.)
 - minimum grade C
- SPH-S210OSHA General Industry Standards(3 cr. hrs.)
 - minimum grade C
- SPH-S214Safety: OSHA Construction Industry Standards(3 cr. hrs.)
 - minimum grade C
- SPH-S231Safety Engineering and Technology(3 cr. hrs.)
 - minimum grade C
- SPH-S251Incident Investigation and Analysis(3 cr. hrs.)
 - minimum grade C
- SPH-S255Threats, Violence, and Workplace Safety(3 cr. hrs.)
 - minimum grade C

Minor in Recreation

Minor Requirements

The recreation minor program is designed for students who wish to add a recreation administration specialty to their studies. This is a 17 credit hour program.

Core Program

- HPER-R160Foundations of Recreation and Leisure(3 cr. hrs.)
 - minimum grade C
- HPER-R271Dynamics of Outdoor Recreation(3 cr. hrs.)
 - minimum grade C
- HPER-R272Recreation Activities and Leadership Methods(3 cr. hrs.)
 - minimum grade C
- HPER-R324Recreational Sports Programming(3 cr. hrs.)
 - minimum grade C

Elective courses in the area of Public Health

Note: These electives are not required for the minor in recreation.

- HPER-C366Community Health(3 cr. hrs.)
 - minimum grade C
- HPER-H305Women's Health(3 cr. hrs.)
 - minimum grade C
- HPER-H317 Topical Seminar in Health Education Topic: Stress Management (3 cr. hrs.)
 - minimum grade C
- HPER-H363Personal Health(3 cr. hrs.)
 - minimum grade C
- HPER-E100Experience in Physical Activity (variable topics)(1 cr. hrs.)
 - minimum grade P
- HPER-E181Tennis(1 cr. hrs.)
 - minimum grade P
- HPER-E185Volleyball(1 cr. hrs.)
 - minimum grade P

Noncredit Programs: The Arts Institute

The Arts Institute is a non-credit, community outreach and preparatory program under the umbrella of the Indiana University Southeast School of Arts & Letters and the IU Southeast Music Department. Since its inception in 1996 with grant funding from Indiana University, the Arts Institute has offered quality instruction in the arts for all ages. Private lessons are offered in keyboard, voice, and stringed, brass and wind instruments. Classes in the Suzuki method (violin, viola, cello, and piano), adult piano, adult guitar, theatre, vocal training and music technology applications are currently available. All classes are non-credit and are held on the IU Southeast campus in the Paul W. Ogle Cultural and Community Center. Most Arts Institute faculty members are on the IU Southeast faculty. Highly qualified local artists and educators also teach for the Arts Institute. These fine instructors hold degrees from respected institutions and bring extensive experience to our programs.

Advisory Board

James Hesselman, Dean of the School of Arts & Letters
 Dr. Joanna Goldstein, Music Department
 Rebekkah Meixner, Theatre Department
 Debra Clem, Fine Arts
 Dodie Swords-Simms, Administrative Secretary

IU Southeast Arts Institute, OG 051
 4201 Grant Line Road
 New Albany, IN 47150
 phone: (812) 941-2436
 fax: (812) 941-2660
seartsin@ius.edu

Minor in Business Data Analytics (for Non-Business Majors)

- Choose 1 of the following courses : (cr. hrs.)

- BUS-K201 The Computer in Business (3 cr. hrs.)
 - minimum grade C-
- CSCI-A 212 Spreadsheet Applications (3 cr. hrs.)
 - minimum grade C-
- CSCI-A 213 Database Applications (3 cr. hrs.)
 - minimum grade C-
- INFO-I 110 Basic Tools of Informatics I (1.5 cr. hrs.)
 - minimum grade C-
- INFO-I 111 Basic Tools of Informatics II (1.5 cr. hrs.)
 - minimum grade C-
- Choose 1 of the following courses : (cr. hrs.)
- ECON-E 270 Introduction to Statistical Theory in Economics and Business (3 cr. hrs.)
 - minimum grade C-
- MATH-K 300 Statistical Techniques for Health Professions (3 cr. hrs.)
 - minimum grade C-
- MATH-M 366 Elements of Statistical Inference (3 cr. hrs.)
 - minimum grade C-
- SOC-S 381 Methods of Social Research II (3 cr. hrs.)
 - minimum grade C-
- Choose 3 of the following courses : (cr. hrs.)
- BUS-K 350 Data Analytics and Visualization (3 cr. hrs.)
 - minimum grade C-
- BUS-K 352 Predict and Prescript Analytics (3 cr. hrs.)
 - minimum grade C-
- BUS-K 440 Business Intelligence (3 cr. hrs.)
 - minimum grade C-
- BUS-M 380 Market Analytics (3 cr. hrs.)
 - minimum grade C-
- ECON-E 338 Business and Economic Applications of Geographical Information Systems (3 cr. hrs.)
 - minimum grade C-
- ECON-E371Introduction to Applied Econometrics(3 cr. hrs.)
 - minimum grade C-
- ECON-E470Introduction to Econometrics(3 cr. hrs.)
 - minimum grade C-
- Choose 1 of the following courses :(cr. hrs.)

- CSCI-B 498 Introduction to Data Science (3 cr. hrs.)
 - minimum grade C-
- CSCI-C490 Seminar in Computer Science(3 cr. hrs.)
 - minimum grade C-
- GEOG-G438 Advanced Geographic Information Science(3 cr. hrs.)
 - minimum grade C-
- HIM-M329 Healthcare Data Analytics and Information Governance(3 cr. hrs.)
 - minimum grade C-
- INFO-I308 Information Representation(3 cr. hrs.)
 - minimum grade C-
- INFO-I421 Applications of Data Mining(3 cr. hrs.)
 - minimum grade C-
- JOUR-J360 Journalism Specialties(3 cr. hrs.)
 - minimum grade C-
- SOC-S380 Method of Social Research I(3 cr. hrs.)
 - minimum grade C-

Applied Health Science

As a result of a cooperative effort involving the Department of Applied Health Science, IU School of Public Health-Bloomington (AHS/SPH-B) and the General Studies program, IU Southeast (GPS/IUS), IU Southeast students may take all classes needed for a Bachelor of Science in Applied Health Science (major in safety) degree program and the minor in safety. These degrees are conferred through the Bloomington campus, and graduates are invited to attend the IU Bloomington graduation ceremony to receive their degrees.

For additional information on requirements for the safety degrees, please contact Sammy Davis, Safety Program Coordinator, through email at davissr@iu.edu, or by phone at (502) 261-2893.

- Applied Health Science Degree, Safety Major (Bachelor of Science)
- Certificate in Safety Management
- Safety minor

Important links for students considering the B.S in Applied Health Science degree:

- Bloomington Academic Bulletin - <http://www.indiana.edu/~bulletin/iub/phb/2014-2015/undergraduate/degree-programs/bsahs-safety.shtml>
- Information about the major - <http://www.publichealth.indiana.edu/degrees/competencies/undergraduate-competencies.shtml#safety>

[degrees/competencies/undergraduate-competencies.shtml#safety](http://www.publichealth.indiana.edu/degrees/competencies/undergraduate-competencies.shtml#safety)

- Course Degree Requirements:
 - Students starting at IUB in the summer of 2013 and after - http://www.publichealth.indiana.edu/docs/degrees/bs_in_ahs_safety_2013.pdf
 - Students starting at IUB between summer 2011 and spring 2013 - http://www.publichealth.indiana.edu/docs/degrees/bs_in_ahs_safety_2011.pdf
 - Students starting at IUB between summer 2010 and spring 2011 - http://www.publichealth.indiana.edu/docs/degrees/bs_in_ahs_safety_2010.pdf
 - Students starting at IUB between fall 2008 and spring 2010 - http://www.publichealth.indiana.edu/docs/degrees/bs_in_ahs_safety_2008.pdf

Applied Health Science Degree, Safety Major (Bachelor of Science)

Degree Requirements

This is a four-year program leading to a Bachelor of Science in Applied Health Science degree with a major in safety. A minimum of 26 successfully completed credits and a minimum 2.3 cumulative grade point average (GPA) are required for admission to this program. Graduation requirement include:

- completion of general education requirements
- completion of safety major requirements
- a minimum of 120 successfully completed credit hours which count toward the degree program
- a minimum 2.0 cumulative GPA
- a minimum 2.0 cumulative GPA in courses with the following department code-prefixes: SPH-B, SPH-F, SPH-H, SPH-N, SPH-P, AND SPH-S
- no pass/fail except for free electives

General Education (20-39 credits)

All undergraduate students must complete the IU Bloomington campus-wide general education common ground requirements. Such students must visit the [2014-2015 General Education Bulletin](http://www.indiana.edu/~bulletin/iub/phb/2014-2015/undergraduate/degree-programs/bsahs-safety.shtml) (or most current version of the IU Bloomington General Education bulletin) to view these requirements.

Major (91 credits)

Safety and Health Courses (48 credits)

A minimum grade of C- is required in each professional core course.

Complete each of the following courses:

- SPH-H 174 Prevention of Violence in American Society + S&H or SPH-S 255 Threats, Violence, and Workplace Safety (3 cr.)
- SPH-S 101 Introduction to Safety (3 cr.)
- SPH-S 151 Legal Aspects of Safety (3 cr.)
- SPH-S 201 Introduction to Industrial Hygiene (3 cr.)
- SPH-S 210 General Industry Standards (3 cr.)
- SPH-S 214 OSHA Construction Standards (3 cr.)

- SPH-S 231 Safety Engineering and Technology (3 cr.)
- SPH-S 251 Incident Investigation and Analysis (3 cr.)
- SPH-S 332 Ergonomics and Human Factors (3 cr.)
- SPH-S 336 Emergency Management (3 cr.)
- SPH-S 345 Safety Program Management (3 cr.)
- SPH-S 410 Advanced Industrial Hygiene (3 cr.)
- SPH-S 411 Industrial Hygiene Sampling and Analysis (3 cr.)
- SPH-S 415 Safety Education and Training (3 cr.)
- SPH-S 496 Field Experience in Occupational Safety (6 cr.)

Additional Major Courses (28 credits)

Complete the following 10 credit chemistry sequence:

- CHEM-C 101 Elementary Chemistry I (3 cr.) +N&M
- CHEM-C 121 Elementary Chemistry Laboratory I (2 cr.) +N&M
- CHEM-C 102 Elementary Chemistry II (3 cr.) +N&M
- CHEM-C 122 Elementary Chemistry Laboratory II (2 cr.) +N&M

Complete each of the following:

- ENG-W 231 Professional Writing Skills (3 cr.) **or** BUS-X 204 Business Communications (3 cr.)
- PSY-P 101 Introductory Psychology I (3 cr.) +N&M
- PSY-P 102 Introductory Psychology II (Prereq: P101 or P151) (3 cr.) +S&H **or** SOC-S 163 Introduction to Sociology (3 cr.) +S&H
- SPH-B 150 Introduction to Public Health (3 cr.)
- SPH-H 381 (formerly HPER-H 391) Introduction to Health Information and Statistics (3 cr.) **or** MATH-K 300 or PSY-K 300 Statistical Techniques (3 cr.)
- SPH-P 205 Structural Kinesiology (3 cr.) **or** ANAT-A 215 Basic Human Anatomy (5 cr.) +N&M

Professional Electives (15 credits)

Complete 15 credits from the list of [safety professional electives](#). A minimum of 12 of the 15 selected credits must be at the 300/400 level. A minimum grade of C- is required in each professional elective course.

+ Courses followed by an N&M notation apply toward completion of both the major requirement and the general education, natural and mathematic sciences requirement.
+ Courses followed by an S&H notation apply toward completion of both the major requirement and the general education, social and historical studies requirement.

Special Opportunities

Students have the opportunity to participate in professional safety and health protection organizations including student chapters of Eta Sigma Gamma and the American Society of Safety Engineers. Safety management or emergency management public or private sector internships may be pursued by students as part of their educational experience.

Careers

Safety professionals pursue careers to enhance the protection of communities and reduce injuries/fatalities. Graduates serve as safety specialists, safety trainers, management consultants, safety inspectors, safety

managers, safety educators, emergency planners, safety and HR directors and administrators. Other fields associated with health protection include industrial hygiene, ergonomics, fire protection, security, environmental science, and engineering.

Minor in Health & Safety

Requirements

This undergraduate minor program is intended for students in degree programs outside the safety major, who wish to add a safety specialty to their studies. This minor requires:

- successful completion of 15 credit hours as prescribed below
- a minimum grade of C in each course used in the minor
- a minimum cumulative minor GPA of 2.0

Note: No course in this minor may be taken under the Pass/Fail option.

Safety Core Courses (9 cr.):

- SPH-S 101 Introduction to Safety (3 cr.) **OR** SPH-S 217 Safety: A Personal Focus (3 cr.)
- SPH-S 151 Legal Aspects of Safety (3 cr.)
- SPH-S 345 Safety Program Management (3 cr.)

Safety Elective Courses (6 cr.):

Complete two of the following courses. At least one must be at the 300 level or above.

- HPER-H 160 First Aid and Emergency Care (3 cr.)
- SPH-S 231 Safety Engineering and Technology (3 cr.)
- SPH-S 251 Incident Investigation and Analysis (3 cr.)
- SPH-S 350 Exploring Safety Culture (3 cr.)
- SPH-S 415 Safety Education and Training (3 cr.)
- Other course elective as approved by advisor

Certificate in Safety Management

Description of Program

The undergraduate Safety Management Certificate Program at Indiana University allows individuals to acquire a 24 hour certificate in Safety Management. To be awarded the certificate, individuals must complete 24 hours which includes a 15 hour core of designated safety management courses and an additional 9 hour block of designated courses from one of three concentrations.

These concentrations are Health Care, Homeland Security, and Process Safety Education. Students electing to complete a Certificate in Safety Management must initiate this process by signing up with a designated safety faculty member responsible for advising those seeking a certificate in Safety Management within the Department of Applied Health Science.

Important links for students considering the Safety Management Certificate:

- IU Bloomington Academic Bulletin - <http://www.indiana.edu/~bulletin/iub/phb/2013-2014/undergraduate/certificates/safety-mgt.shtml>

- Course Degree Requirements - http://www.publichealth.indiana.edu/docs/degrees/ug_certificate_in_safety_management_2010.pdf

Admission

Most students pursue the Certificate in Safety Management while completing a baccalaureate degree.

However, it is possible to apply for admission to this certificate program as the sole academic objective. Students interested only in earning this certificate may apply online for undergraduate admission to Indiana University Southeast.

Certificate Requirements

This one-year program of study is designed for the practitioner who is interested in gaining general safety and health knowledge combined with specific expertise in health care, homeland security, or process safety education. See an advisor for specifics. Certificate requirements include:

- 24 successfully completed credit hours of prescribed certificate course work
- a minimum 2.0 cumulative grade point average (GPA) in courses used for this certificate
- no pass/fail courses are allowed

Required Health and Safety Courses (15 credits)

Complete each of the following courses:

- SPH-S 101 Introduction to Safety (3 cr.)
- SPH-S 151 Legal Aspects of Safety (3 cr.)
- SPH-S 201 Introduction to Industrial Hygiene (3 cr.)
- SPH-S 202 Fundamentals of Fire Protection (3 cr.)
- SPH-S 210 OSHA General Industry Standards (3 cr.) **or** SPH-S 214 OSHA Construction Standards (3 cr.)

Concentration Courses (9 credits)

Select and complete one of the following three concentrations:

Healthcare (9 credits)

- SPH-S 332 Ergonomic and Human Factors (3 cr.) **or** SPH-S 354 Hazardous Material and Waste Control (3 cr.)
- SPH-S 336 Emergency Management (3 cr.)
- SPH-S 410 Advanced Industrial Hygiene

Homeland Security (9 credits)

- SPH-S 302 Introduction to Homeland Security (Prereq: 9 cr. 200 level SPH-S courses) (3 cr.)
- SPH-S 336 Emergency Management (P: SPH-S 302) (3 cr.)
- SPH-S 365 Security Issues for the Safety Professional (P: SPH-S 302) (3 cr.)

Process Safety Education (9 credits)

- SPH-S 354 Hazardous Material and Waste Control (Prereq: 6 cr. SPH-S courses or instructor approval) (3 cr.)
- SPH-S 410 Advanced Industrial Hygiene (Prereq: SPH-S 201; CHEM-C 102) (3 cr.)

- SPH-S 411 Industrial Hygiene Sampling and Analysis (Prereq: SPH-S 410) (3 cr.)

Special Opportunities

Students have the opportunity to participate in professional safety and health protection organizations including the student chapter of the American Society of Safety Engineers.

Career

According to a recent survey of American Society of Safety Engineers members, the largest employer groups are insurance, service industries, health care, business, public safety, and nonprofit organizations such as the Red Cross. Typical jobs include safety technician, safety inspector, educator or emergency responder.

Minor in Business Analytics

- Complete the following course (cr. hrs.)
- BUS-K 440 Business Intelligence (3 cr. hrs.)
 - minimum grade C-
- Complete the following course (cr. hrs.)
- BUS-M 380 Market Analytics (3 cr. hrs.)
 - minimum grade C-
- Complete the following course (cr. hrs.)
- BUS-K 352 Predict and Prescript Analytics (3 cr. hrs.)
 - minimum grade C-
- Complete the following course(cr. hrs.)
- BUS-K 350 Data Analytics and Visualization (3 cr. hrs.)
 - minimum grade C-
- Complete one of the following courses(cr. hrs.)
- ECON-E338Business and Economic Aplications of Geographical Information(3 cr. hrs.)
 - minimum grade C-
- ECON-E371Introduction to Applied Econometrics(3 cr. hrs.)
 - minimum grade C-
- Choose one of the following courses :(cr. hrs.)
- BUS-A 414 Financial Statement Analysis (3 cr. hrs.)
 - minimum grade C-
- BUS-F420Equity and Fixed Income Investment(3 cr. hrs.)
 - minimum grade C-
- BUS-M435Digital Marketing(3 cr. hrs.)

- minimum grade C-
- BUS-P430Total Quality Management (3 cr. hrs.)
 - minimum grade C-
- BUS-W406Venture Growth Management(3 cr. hrs.)
 - minimum grade C-
- BUS-Z441Wage and Salary Administration(3 cr. hrs.)
 - minimum grade C-
- ECON-E338Business and Economic Applications of Geographical Information(3 cr. hrs.)
 - minimum grade C-
- ECON-E371Introduction to Applied Econometrics(3 cr. hrs.)
 - minimum grade C-

Business

School of Business

Dean: Dr. David Eplion
 Campus Office: HH 214
 Telephone: (812) 941-2325
 Fax: (812) 941-2672
<https://www.ius.edu/business/>

Programs

Undergraduate Programs

- Business (Bachelor of Science in Business)
 - Accounting
 - Business Economics and Public Policy
 - Finance
 - General Business
 - General Management
 - Human Resource Management
 - International Business
 - Marketing
 - Supply Chain and Information Management
- Business Administration (Bachelor of Science)
- Economics (Bachelor of Arts)
- Safety Science (Bachelor of Science in Applied Health Science)

Post-Baccalaureate Certificates

- Post-Baccalaureate Certificates

Undergraduate Certificates

- Entrepreneurship
- Safety Management

Minors

- Minor in Accounting
- Minor in Business
- Minor in Business Analytics (for Business Majors)
- Minor in Business Data Analytics (for Non-Business Majors)
- Minor in Economics
- Minor in Entrepreneurship (for Business Majors)
- Minor in Entrepreneurship (for Non-Business Majors)

- Minor in Health & Safety
- Minor in Human Resources
- Minor in Marketing
- Minor in Sales

School Information

- Mission Statement and Vision Statement
- Scholarships and Awards
- Policies

Mission Statement

Mission

"Quality education for a lifetime of achievement."

The mission of the School of Business is to provide both traditional and nontraditional students with a "quality education for a lifetime of achievement" through a challenging, innovative, and supportive learning environment that enables students to achieve their potential.

The School of Business serves the community through student, alumni, and faculty involvement. The school's undergraduate population is predominantly drawn from the nine-county service region in southern Indiana, with additional students originating from greater Louisville in Kentucky. A large number of the undergraduate population is first-generation college students, and approximately 85 percent of graduates continue their professional careers in southern Indiana and the greater Louisville area. The school's Master of Business Administration (MBA) population consists of working professionals and is approximately evenly distributed between southern Indiana and Louisville. The Master of Science in Strategic Finance (MSSF) is an interdisciplinary program catering primarily to finance and accounting professionals in southern Indiana and Louisville.

To accomplish our mission, the School of Business provides excellent professional business and economics education in fully accredited undergraduate and graduate business degree programs with a balanced emphasis on each program. Elements related to our mission are teaching, to enhance student learning and instructional effectiveness continuously so that students can succeed in their professional careers; scholarship, to enhance faculty intellectual capital and the advancement of knowledge; and service, to enrich the university and community through faculty service and professional activities.

Teaching: Enhancing Student Learning and Faculty Instructional Effectiveness

Enhancing student learning to prepare them for a lifetime of achievement includes increasing their knowledge of subjects common to business curricula and their awareness of ethical, societal, and global dimensions of business. It also includes the development of skills in such areas as technology, group activities and interaction, critical thinking, problem solving, and oral and written communications. Such student knowledge, awareness, and skills will prepare them to make better decisions throughout their life and careers. Enhancing instructional effectiveness includes providing a supportive and innovative learning environment in which the faculty uses a variety of pedagogical approaches appropriate to the subject matter to facilitate student learning. Attributes of a supportive learning environment include academic

advising, career counseling, faculty/student interaction, and both traditional and innovative methods of delivery.

Scholarship: Continuously Enhance Faculty Intellectual Capital and Advancement of Knowledge

Enhancing faculty intellectual capital is integral to student learning and instructional effectiveness. The IU Southeast School of Business is primarily focused on teaching. Consistent with our mission statement, the School places equal value on learning and pedagogical research, discipline-based scholarship, and contributions to practice. This scholarship augments faculty intellectual capital, improves instructional pedagogy, and advances knowledge by contributing to academic and professional literature.

Service: Enriching the University and Community through Faculty Service and Professional Activities

Faculty service has multiple components including service to the university, community, and profession. University service is necessary to successful academic programs. Service to the community at large and its organizations enables them to better respond to changing needs and economic conditions. The practice of academic and professional competencies directly facilitates faculty intellectual development and ultimately contributes to instructional excellence and student learning.

Vision

"To Be a Premier Regional School of Business"

Our vision is to be a premier regional school of business, serving our region comprising southern Indiana and the greater Louisville metropolitan area.

Student Learning Goals

School of Business graduates are knowledgeable professionals who are capable decision-makers, effective communicators, and technologically adept.

Area: Knowledge of Business

Goal: Students demonstrate knowledge of business including the areas of accounting, economics, management, quantitative business analysis, finance, marketing, legal and social environment, information systems international issues, and operations management.

Area: Decision Making

Goal: Students are capable decision makers, employing problem solving methodologies, critical thinking skills, and ethical reasoning.

Area: Communication

Goal: Students are effective in both oral and written business communications.

Area: Technology

Goal: Students identify and use appropriate technology software to communicate, solve business problems, and aid in decision making.

Area: Professionalism

Goal: Students demonstrate professional conduct in business settings.

Policies

Candidates for the Bachelor of Science in Business degree should review "General Requirements for All Undergraduate Degrees at IU Southeast," found in the "Academic Programs" section of this bulletin. While each student is responsible for his or her own progress toward a degree, academic advisors for the School of Business are available for advice concerning courses, requirements, and the curriculum best suited to the student's goals. To ensure the quality of the student's educational experience, the following policies are in place for all degrees:

1. The student must successfully complete a minimum of 120 credit hours for the Bachelor of Science degree with a minimum overall grade point average (GPA) of at least 2.0 (not including developmental courses such as English W100 and Education X150).
2. An overall GPA of 2.0 is required in business (BUS) and economics (ECON) courses.
3. Entering students are assigned a Pre-Business status until admission requirements are fulfilled, at which time students are admitted to the School of Business as Business students. Admission requirements: minimum overall GPA of 2.3; minimum GPA of 2.0 in Business and Economics courses; and successful completion of the following courses: ENG-W 131 (minimum grade of C), BUS-A 201 (minimum grade of C-), BUS-C 104 (minimum grade of C-), ECON E 201 (minimum grade of C-), and BUS-W 100 (minimum grade of C-). Pre-Business students will not be allowed to register for core 300-level business courses.
4. In general, for a course to count toward a business degree, a minimum grade of C- is required unless otherwise noted.
5. Academic Advising: Both Pre-Business and Business students are strongly encouraged to meet regularly with an academic advisor or a faculty member in the School of Business to discuss academic and career issues.
6. In addition to the business core and general education component, students must select and complete a concentration. In general, to complete a double concentration, students must complete all required courses for both concentrations, and at least 12 credit hours (4 courses) must be distinct to each.
7. For the Bachelor of Science degree, 45 of the 120 credit hours must be at the 300 or 400 level (including business core, concentration, general education, and elective courses). Note that neither BUS-M 300 nor MATH-K 300 count in this total of 45 hours.
8. Credit by examination may be earned in COAS-W 100 Introduction to Business, BUS-A 201 Introduction to Financial Accounting, BUS-A 202 Introduction to Managerial Accounting, ECON E 201 Introduction to Microeconomics, ECON E 202 Introduction to Macroeconomics, and BUS-K 201 The Computer in Business. CLEP examinations are accepted for General Education course work if acceptable to the major department for that subject. Contact the Student Development Center (University

Center South, (812) 941-2312) for information about these examinations.

9. After being admitted to IU Southeast, courses taken at another institution or campus may not count toward a School of Business degree without prior approval. To request approval, the student must contact a School of Business advisor.
10. At least half of all required business courses must be taken at IU Southeast. Further, at least half of all non-elective courses required to complete a concentration, second degree, or minor must be taken at IU Southeast.
11. Students must apply for their degree in the School of Business Office (Hillside Hall 221) six months before graduation (for May and August graduates, the deadline is November 1; for December graduates, the deadline is May 15).
12. Students completing internships for credit earn Satisfactory or Fail grades only.
13. Students must complete BUS-X 220 within the first 60 hours of course work and MATH-M 119 and ECON-E 281 within the first 80 hours of course work. If these courses are not completed as required, the student will not be allowed to register for additional classes until they are completed.
14. Students who are not active at the university for one year will be subject to the requirements of the bulletin in effect at the time of their reinstatement. Upon reinstatement, students are required to see a School of Business advisor to develop a degree completion plan before registering for classes.

Scholarships and Awards

Each year the School of Business awards the following scholarships and awards to students. Contact the School of Business office for more information:

- Indiana C.P.A. Society
- Institute of Management Accountants Awards
- Financial Executives Institute Award
- Schuler Bauer Real Estate Services Scholarship
- Monroe Shine & Co., Inc. Scholarship
- Rodefer Moss CPA's Scholarship
- Mountjoy Chilton Medley Scholarship
- Deming, Malone, Livesey, Ostroff Scholarship
- PQ Corporation Scholarship
- Jennings Award for Outstanding Scholarship in Accounting
- Jay and Mona Brodsky Scholarship for Entrepreneurship
- School of Business Alumni Scholarship
- William H. Riggs Scholarship
- First Harrison Bank Scholarship for Student Leadership
- The APICS Falls Cities Chapter Resources Management Scholarship
- George M. Hand Scholarship
- Norman and Joyce Melhiser Scholarship
- Jerry E. and Sheila R. Wheat International Study Scholarship
- Carlton and Sue Sanders International Study Scholarship
- James W. and Phyllis Robinson International Study Scholarship

- John P. Briscoe Scholarship
- Jerrol Z. Miles Scholarship
- Drew and Christy Callahan Pfeifer Scholarship
- Beta Gamma Sigma Scholarship
- Outstanding M.B.A. Graduate
- Outstanding M.S.S.F. Graduate
- Outstanding Accounting Graduate
- Outstanding Accounting Post-Baccalaureate Graduate
- Outstanding Economics Graduate
- Outstanding Business Economics and Public Policy Graduate
- Outstanding Finance Graduate
- Outstanding Supply Chain and Information Management Graduate
- Outstanding General Management Graduate
- Outstanding Marketing Graduate
- Outstanding Human Resources Management Graduate
- Outstanding International Business Graduate
- Outstanding General Business Graduate

Business

As a student, you'll develop the skills and qualities that will prepare you to excel in today's competitive economy, regardless of your career goals. You will develop analytical skills and hone your critical thinking abilities in small classes led by top-tier faculty and business leaders. You'll develop the professional skills needed for working on, and leading, teams. These experiences will prepare you to meet the many challenges you will meet throughout your career, not just your first job.

Contact Information

Natural Sciences Office: (812) 941-2284

Website: <https://www.ius.edu/business/>

Academics

Undergraduate Degrees

- Bachelor of Science in Business
 - Accounting
 - Business Economics and Public Policy
 - Finance
 - General Business
 - General Management
 - Human Resource Management
 - International Business
 - Marketing
 - Professional Selling
 - Supply Chain and Information Management

Post-Baccalaureate Certificates

- Post-Baccalaureate Certificate in International Business

Minors

- Minor in Business
- Minor in Entrepreneurship (Business Majors)

Bachelor of Science in Business Administration

Admission Requirements

Admission requirements to the Bachelor of Science in Business Administration follow those stated for the School of Business.

Degree Requirements

Students receiving the Bachelor of Science in Business Administration degree must complete 120 total credit hours including:

- [General Education Core](#) (30 cr.)
 - Business Foundations (27 cr.)
 - Business Core (34 cr.)
 - Electives as needed to complete 120 total credit hours
-
- A minimum of 30 credit hours at the 300- or 400-level
 - Courses required for the major must be completed with a grade of C or higher
 - Courses are 3 credit hours unless otherwise noted
 - A minimum GPA of 2.0 is required

Specific General Education Requirements

- MATH-M 118 Finite Mathematics

Business Foundations

- BUS-W 100 Principles of Business Administration
- Complete one of the following:
 - ECON-E 103 Intro to Microeconomics
 - ECON-E 201 Intro to Microeconomics
- Complete one of the following:
 - ECON-E 104 Intro to Macroeconomics
 - ECON-E 202 Intro to Macroeconomics
- BUS-A 201 Intro to Financial Accounting
- BUS-A 202 Intro to Managerial Accounting
- BUS-K 201 Business Computing
- Complete one of the following:
 - BUS-L 201 Legal Environment of Business
 - BUS-L 203 Business Law I
- ECON-E 270 Intro to Statistical Theory in Economics and Business
- Complete one of the following:
 - ENG-W 231 Professional Writing Skills
 - ENG-W 232 Intro to Business Writing
 - ENG-W 234 Tech Report Writing
 - SPCH-S 223 Business and Professional Communication

Business Core

- BUS-M 301 Intro to Marketing Management
- BUS-F 301 Financial Management
- BUS-P 301 Operations Management
- Complete one of the following:
 - BUS-D 300 International Business Admin

- BUS-D 301 International Business Environment
- Complete one of the following:
 - BUS-K 321 Management of Information Tech
 - BUS-S 302 Management Information Systems
 - IIM-I 300 Foundations and Prin. of MIS
- Complete one of the following:
 - BUS-K 302 Intro to Management Science
 - BUS-K 312 Decision Modeling
 - BUS-K 353 Business Analytics and Modeling
- Complete one of the following:
 - BUS-W 311 New Venture Creation
 - BUS-W 406 Venture Growth Management
- Complete one of the following:
 - BUS-Z 301 Org Behavior & Leadership
 - BUS-Z 302 Managing & Behavior in Organizations
- Complete one of the following:
 - BUS-W 301 Principles of Management
 - BUS-Z 440 Personnel: Human Resources Management
- Complete one of the following:
 - BUS-B 399 Business and Society
 - BUS-J 404 Business & Society
 - BUS-W 320 Leadership and Ethics
- BUS-X 410 Professional and Career Skills (1 cr.)
- BUS-J 401 Administrative Policy

Business (Bachelor of Science in Business)

Degree Program Admission Requirements

In order to gain admission to the School of Business a student must have a minimum overall GPA of 2.3, a minimum GPA of 2.0 in Business and Economics courses and successfully complete the following four courses:

- ENG-W131Elementary Composition(3 cr. hrs.)
 - minimum grade C
- BUS-C104Business Presentations(3 cr. hrs.)
 - minimum grade C-
- ECON-E201Introduction to Microeconomics(3 cr. hrs.)
 - minimum grade C-
- BUS-A201Introduction to Financial Accounting(3 cr. hrs.)
 - minimum grade C-
- BUS-W100 Principles of Business Administration (3 cr. hrs.)
 - minimum grade C-

See "General Requirements for Undergraduate Degrees at IU Southeast."

General Education Component

Note: *This is not a re-statement of the University's General Education Requirement but a list of specific General Education courses that are also requirements or pre-requisites for course work in the school/major.*

- ENG-W or ENG-W 231 234 Professional Writing Skills Technical Report Writing (3 cr. hrs.)
 - minimum grade C-
- MATH-M129 Business Algebra and Applications (3 cr. hrs.)
 - minimum grade C-
- PSY-P or PSY-P 101 102 Introduction to Psychology 1 Introduction to Psychology 2 (3 cr. hrs.)
 - minimum grade D-

Core Program

The Business Core consists of general business and economics courses that must be completed with a minimum grade of C- in each course:

- BUS-W 100 Principles of Business Administration(3 cr. hrs.)
 - minimum grade C-
- ECON-E201 Introduction to Microeconomics(3 cr. hrs.)
 - minimum grade C-
- ECON-E202 Introduction to Macroeconomics(3 cr. hrs.)
 - minimum grade C-
- BUS-A201 Introduction to Financial Accounting(3 cr. hrs.)
 - minimum grade C-
- BUS-A202 Introduction to Managerial Accounting(3 cr. hrs.)
 - minimum grade C-
- BUS-K201 Computer in Business(3 cr. hrs.)
 - minimum grade C-
- BUS-L201 Legal Environment of Business(3 cr. hrs.)
 - minimum grade C-
- BUS-X220 Career Perspectives (Must be completed in first 60 Cr. Hrs.) (1 cr. hrs.)
 - minimum grade C-
- ECON-E270 Introduction to Statistical Theory in Economics and Business(3 cr. hrs.)
 - minimum grade C-
- BUS-F301 Financial Management(3 cr. hrs.)
 - minimum grade C-
- BUS-K321 Management of Information Technology(3 cr. hrs.)
 - minimum grade C-
- BUS-M301 Introduction to Marketing Management(3 cr. hrs.)
 - minimum grade C-

- BUS-P301 Operations Management(3 cr. hrs.)
 - minimum grade C-
- BUS-Z302 Managing & Behavior in Organizations(3 cr. hrs.)
 - minimum grade C-
- BUS-J401 Administrative Policy (Capstone) (Must be taken by graduating seniors in last semester. Authorization must be obtained from a School of Business Academic Advisor.) (3 cr. hrs.)
 - minimum grade C-

Concentration Requirement

In addition to the business core and general-education component, students must select and complete a concentration. In general, to complete a double concentration, students must complete all required courses for both concentrations, and at least 12 credit hours (4 courses) must be distinct to each.

Accounting Concentration (27 Cr. Hrs.)

Financial information provided by accounting professionals is instrumental to conducting a successful business.

An accounting career consists of collaborating with other business professionals to make successful business decisions. Public accounting firms, large and small business enterprises, and governmental and other not-for-profit organizations provide abundant and lucrative employment opportunities. Accountants develop expertise in such areas as financial accounting, managerial accounting, tax accounting, auditing, and accounting systems design. Licensure as a Certified Public Accountant requires 150 credit hours of college education in Indiana and Kentucky, in addition to other academic and work requirements. Students frequently obtain graduate degrees in business while fulfilling this requirement. Students may fulfill this requirement by pursuing a master's degree or by completing additional undergraduate credit hours. Indiana University Southeast offers a 30 credit-hour Master of Science in Strategic Finance, and a 36 credit-hour Master of Business Administration degree. Students wishing to pursue an additional 30 credit hours other than through a master's degree should seek advising toward appropriate classes.

Students who do not plan to sit for the C.P.A. exam may elect a managerial accounting emphasis. Electing the managerial emphasis does not preclude completing the 150 credit hour requirement and completion of the C.P.A. or other professional accounting certifications.

Required Courses

- BUS-A301 Accounting: An Information System(3 cr. hrs.)
 - minimum grade C-
- BUS-K 352 350 Business Analytics: Data Management and Visualization (ACCT concentration only) Business Analytics: Predictive and Prescriptive Analysis (ACCT/ FIN double concentration) (3 cr. hrs.)
 - minimum grade C-
- BUS-A311 Intermediate Accounting I(3 cr. hrs.)
 - minimum grade C-

- BUS-A312Intermediate Accounting II(3 cr. hrs.)
 - minimum grade C-
- BUS-A325Cost Accounting(3 cr. hrs.)
 - minimum grade C-
- BUS-A328Introduction to Taxation(3 cr. hrs.)
 - minimum grade C-
- BUS-A424Auditing(3 cr. hrs.)
 - minimum grade C-
- BUS-A339 or 422 or 414Advanced Income Taxation, Advanced Financial Accounting, or Financial Statement Analysis(3 cr. hrs.)
 - minimum grade C-

Electives*

This may include BUS-A 339, BUS-A 422, or BUS-A 414 if not taken for the core requirement.

- BUS-A339Advanced Income Taxation(3 cr. hrs.)
 - minimum grade C-
- BUS-A422Advanced Financial Accounting(3 cr. hrs.)
 - minimum grade C-
- BUS-L414Financial Statement Analysis(3 cr. hrs.)
 - minimum grade C-
- Or any one (three credit hours) 300/400-level Business or Economics course. Cannot be satisfied by internship, professional practice, BUS-M 300 or BUS-A 310.(cr. hrs.)
- Students intending to take the CPA exam should take either BUS-A 339 or BUS-A 422 and BUS-L 303. Preferably all three courses as all three require parts of the CPA exam material not covered elsewhere in the curriculum.(cr. hrs.)
- *Further electives as necessary to complete degree requirements.**Reminder: Students must have at least 45 credit hours of 300/400 level coursework to graduate. (cr. hrs.)

Business Economics and Public Policy Concentration (27 Cr. Hrs.)

Probably more than any other factor, it is the relevance of economics that initially attracts students. Few, if any, disciplines are equal to economics in preparing one to be an interested, interesting, and competent observer of current events. This is because economics is a social science that develops models for organizing facts and thinking effectively. This empowers its students to make well-reasoned decisions in analyzing personal decisions and business problems and in drawing informed conclusions about public policy—based on a comprehensive analysis of the costs and benefits of alternatives. Because economics is so often connected to governmental policy, students also learn about the legal and political institutions that affect consumers,

workers, and businesses. “But what kind of job can I get?” Most graduates use economics as a stepping stone to other occupations. Economic training is wide reaching, and thus, career alternatives are relatively well paid and unusually varied, including business, finance, banking, journalism, and government service. If one is unsure of what major to choose or what career to pursue, economics offers the ability to keep one’s options for the future more flexible. Moreover, the study of economics is an excellent preparation for graduate school in law, business, and public administration, given that it develops one’s ability to think analytically. Law students list economics and accounting as the undergraduate courses they value most and wish they had taken more often. Those who majored in economics as undergraduates have the highest LSAT scores (*Journal of Economic Education*, spring 2006, pp. 263–281). In a word, economics offers a course of study that is interesting and provocative, beneficial in terms of career options, and useful in understanding the world.

Required Courses

- ECON-E321Intermediate Microeconomic Theory(3 cr. hrs.)
 - minimum grade C-
- ECON-E322Intermediate Macroeconomic Theory(3 cr. hrs.)
 - minimum grade C-
- BUS-K352Business Analytics: Predictive and Prescriptive Analysis(3 cr. hrs.)
 - minimum grade C-

Plus any 4 additional courses from these (12 cr. hrs):

- ECON-E323Urban Economics(3 cr. hrs.)
 - minimum grade C-
- ECON-E333International Economics(3 cr. hrs.)
 - minimum grade C-
- ECON-E338Business and Economics Applications of GIS(3 cr. hrs.)
 - minimum grade C-
- ECON-E340Labor Economics(3 cr. hrs.)
 - minimum grade C-
- ECON-E350Money and Banking(3 cr. hrs.)
 - minimum grade C-
- ECON-E470Econometrics(3 cr. hrs.)
 - minimum grade C-

Electives

Any two (six cr. hrs.) 300/400-level Business courses outside Economics. Cannot be satisfied by internship, professional practice or BUS-M 300.

**Reminder - students must have at least 45 credit hours of 300/400 level coursework to graduate.

Finance Concentration (27 Cr. Hrs.)

The finance curriculum at IU Southeast includes studies in the area of corporate finance, investments, international

finance, financial institutions, and markets. Students are introduced to the major theories and learn the tools utilized by financial professionals to make decisions in today's dynamic economy. The finance curriculum prepares students for careers in corporate finance; banks, and other financial institutions; investments; and financial services such as financial planning, insurance, and real estate.

Required Courses

- BUS-A BUS-A 310 OR 311 Management Decisions and Financial Reporting OR Intermediate Accounting I (Will substitute for BUS-A 310 for Accounting students. Students cannot take both.) (3 cr. hrs.)
 - minimum grade C-
- BUS-A BUS-A BUS-M 352 or 350 or 380 Business Analytics: Predictive and Prescriptive Analysis (FIN concentration only) Business Analytics: Data Management and Visualization (FIN/ACCT double concentration) Market Analysis (for FIN/Marketing, Sales or Supply Chain double concentration) (3 cr. hrs.)
 - minimum grade C-
- BUS-F302 Financial Decision Making (3 cr. hrs.)
 - minimum grade C-
- BUS-F410 Financial Institutions and Markets (3 cr. hrs.)
 - minimum grade C-
- BUS-F420 Investments (3 cr. hrs.)
 - minimum grade C-
- BUS-F494 International Financial (3 cr. hrs.)
 - minimum grade C-
- ECON-E350 Money and Banking (3 cr. hrs.)
 - minimum grade C-
- BUS-A414 Financial Statement Analysis & Interpretation (3 cr. hrs.)
 - minimum grade C-

Electives

Any one (three cr. hrs.) 300/400-level Business or Economics course outside Finance. Cannot be satisfied by internships, professional practice or BUS-M 300.

****Reminder:** Students must have at least 45 credit hours of 300/400 level coursework to graduate.

General Business Concentration (24 Cr. Hrs.)

***NOTE:** Students choosing this concentration cannot double-concentrate.

This concentration is intended for those students that aspire to be small business entrepreneurs, or are owners or managers of small businesses. This concentration allows the student to design a customized course of study by drawing from each of the business disciplines to create a tailored concentration area.

1. The student, in consultation with an academic advisor, will choose a combination of 8 BUS or ECON concentration courses (NOTE: elective courses like BUS-L 303 can be taken).

2. No more than 2 courses can come from a particular concentration's set of 18 required hours.
3. For an individual course that is required in more than one concentration, the student must designate the concentration that the course will represent.
4. This concentration cannot contain any internship hours, professional practice hours, or BUS-M 300.
5. Reminder: students must have at least 45 credit hours of 300/400 level coursework to graduate.

Human Resources Management Concentration (27 credit hours)

This concentration consists of a program of study approved by the Society of Human Resource Management (SHRM) that provides the student with acceptable levels of knowledge consistent with an HR Generalist. This program covers the vital areas of: (1) personnel administration, (2) personnel selection, (3) personnel development, and other key roles within the HR profession equipping the student to function across the spectrum of HR disciplines.

Required Courses

- BUS-W301 Principles of Management (3 cr. hrs.)
 - minimum grade C-
- BUS-Z440 Personnel-Human Resources Management (3 cr. hrs.)
 - minimum grade C-
- BUS-Z441 Wage and Salary Administration (3 cr. hrs.)
 - minimum grade C-
- BUS-K 350 OR 352 Business Analytics: Data Management and Visualization OR Business Analytics: Predictive and Prescriptive Analysis (3 cr. hrs.)
 - minimum grade C-
- BUS-Z445 Human Resource Selection (3 cr. hrs.)
 - minimum grade C-

Choose one course from the following:

- BUS-Z BUS-Z 443 444 Developing Employee Skills OR Personnel Research and Measurement (3 cr. hrs.)
 - minimum grade C-

Choose one course from the following (not taken above):

- BUS-Z 443 Developing Employee Skills (3 cr. hrs.)
 - minimum grade C-
- BUS-Z 444 Personnel Research and Measurement (3 cr. hrs.)
 - minimum grade C-
- BUS-P 430 Total Quality Management (3 cr. hrs.)
 - minimum grade C-
- BUS-W 430 Organizations and Organizational Change (3 cr. hrs.)
 - minimum grade C-
- ECON-E 340 Introduction to Labor Economics (3 cr. hrs.)

- minimum grade C-

Electives

Select two courses (six credit hours) 300/400-level Business or Economics courses outside HRM (BUS-Z). Cannot be satisfied by internship, professional practice, or BUS-M 300, **OR** choose from:

- SPCH-C325 Interviewing Principles and Practices(3 cr. hrs.)
 - minimum grade C-
- SPCH-S440 Organizational Communication(3 cr. hrs.)
 - minimum grade C-
- SPCH-S322 Advanced Interpersonal Communication(3 cr. hrs.)
 - minimum grade C-
- SPCH-S450 Gender and Communication(3 cr. hrs.)
 - minimum grade C-
- PSY-B378 Introduction to Industrial Psychology(3 cr. hrs.)
 - minimum grade C-
- POLS-Y404 Political Issues in Public Personnel Management(3 cr. hrs.)
 - minimum grade C-
- OLS331 Occupational Safety and Health(3 cr. hrs.)
 - minimum grade C-

****Reminder:** Students must have at least 45 credit hours of 300/400 level coursework to graduate.

International Business Concentration (27 credit hours)

This concentration prepares the student to be familiar with the international business environment and allows emphasis in a particular geographic locale. The student can choose between Europe, Asia, Africa, Latin America, or Global as an area of emphasis. In addition to the concentration courses listed below (total of 24 cr. hrs.), the student must also

1. Choose a specific region of emphasis:

- Europe, Latin America, Asia, Africa, or Global

2. Complete the foreign language requirement for the chosen emphasis:

- European Emphasis: French, German, or Spanish (two years of a foreign language)
- Latin America Emphasis: Spanish (two years of a foreign language)
- Asian Emphasis: Japanese or Chinese (two years of a foreign language)
- African Emphasis: French (two years of a foreign language)
- Global Emphasis: Any modern foreign language (one year of a foreign language)

Required Courses:

- BUS-D300 International Business Administration(3 cr. hrs.)
 - minimum grade C-
- BUS-F494 International Finance(3 cr. hrs.)
 - minimum grade C-
- ECON-E333 International Economics(3 cr. hrs.)
 - minimum grade C-
- BUS-P421 Supply Chain Management(3 cr. hrs.)
 - minimum grade C-
- POLS-Y376 International Political Economy(3 cr. hrs.)
 - minimum grade C-

2nd Analytics Course Requirement-

one of the following:

- BUS-K352 Business Analytics: Predictive and Prescriptive Analysis(3 cr. hrs.)
 - minimum grade C-
- BUS-K350 Business Analytics: Data Management and Visualization(3 cr. hrs.)
 - minimum grade C-
- BUS-M380 Market Analysis(3 cr. hrs.)
 - minimum grade C-

International Studies Courses:

Complete one course from the following list for the chosen area of emphasis. This can be satisfied by fulfilling an international experience requirement (study abroad, summer program, etc.) approved by a School of Business advisor or the International Business Committee. Students completing the Global Emphasis may select a course from any area of emphasis.

- Emphasis Dept. Course Number(Title cr. hrs.)
 - minimum grade Credit Hours
 - prerequisite/co-requisite: Minimum Grade
- European POLS-Y335(European Politics cr. hrs.)
 - minimum grade 3
 - prerequisite/co-requisite: C-
- European POLS-Y349(Comparative Public Policy cr. hrs.)
 - minimum grade 3
 - prerequisite/co-requisite: C-
- European POLS-Y354(Ethnicity & Nationalism in Contemporary Europe cr. hrs.)
 - minimum grade 3
 - prerequisite/co-requisite: C-
- European HIST-B359(Europe - 1789 to 1848 cr. hrs.)
 - minimum grade 3
 - prerequisite/co-requisite: C-
- European HIST-B360(Europe - 1848 to 1914 cr. hrs.)
 - minimum grade 3

- prerequisite/co-requisite: C-
- European HIST-B361 (Europe - Europe in the 20th Century, 1914-1945 cr. hrs.)
 - minimum grade 3
 - prerequisite/co-requisite: C-
- Latin American HIST-F341 (Latin America: Conquest & Empire (Colonial Period) cr. hrs.)
 - minimum grade 3
 - prerequisite/co-requisite: C-
- Latin American HIST-F342 (Latin America: Evolution & Revolution (Modern Period) cr. hrs.)
 - minimum grade 3
 - prerequisite/co-requisite: C-
- Latin American POLS-Y337 (Latin American Politics cr. hrs.)
 - minimum grade 3
 - prerequisite/co-requisite: C-
- Latin American GEOG-G323 (Geography of Latin America cr. hrs.)
 - minimum grade 3
 - prerequisite/co-requisite: C-
- Asian POLS-Y369 (Asian Politics cr. hrs.)
 - minimum grade 3
 - prerequisite/co-requisite: C-
- Asian HIST-G385 (History of Modern China cr. hrs.)
 - minimum grade 3
 - prerequisite/co-requisite: C-
- Asian HIST-G387 (History of Contemporary China cr. hrs.)
 - minimum grade 3
 - prerequisite/co-requisite: C-
- African GEOG-G425 (Africa: Contemporary Geographic Problems cr. hrs.)
 - minimum grade 3
 - prerequisite/co-requisite: C-

Electives

Select two (six credit hours) 300/400 level BUS or ECON courses outside International Business (cannot be satisfied by internship, Professional practice, or BUS-M 300) OR from the specified list of International Studies Courses OR foreign language 300- 400-level courses that are approved for the chosen area of emphasis. Students completing the Global emphasis may select any course from any area of emphasis. A course may not count more than once toward completion of the concentration hours.

** Reminder: students must have at least 45 credit hours of 300/400 level coursework to graduate.

Management Concentration (27 credit hours)

The courses offered in this concentration are concerned not only with the broad aspects of management and organizations, but also with developing skills for dealing with issues in motivation, organization design, and human resource allocations. This concentration provides the flexibility to accommodate students whose interests include the preparation for entry into management

training positions, the application of behavioral science to management, the personnel function in both line and staff capacities, and managing small business.

- BUS-W320 Leadership and Ethics (3 cr. hrs.)
 - minimum grade C-
- BUS-W301 Principles of Management (3 cr. hrs.)
 - minimum grade C-
- BUS-W430 Organizations and Organizational Change (3 cr. hrs.)
 - minimum grade C-
- BUS-Z440 Personnel - Human Resource Management (3 cr. hrs.)
 - minimum grade C-
- BUS-K350 Business Analytics: Data Management and Visualization (3 cr. hrs.)
 - minimum grade C-
- BUS-W406 Venture Growth (3 cr. hrs.)
 - minimum grade C-

Take One Additional Course (3 cr. hrs) From The Following List:

- BUS-W311 New venture Creation (3 cr. hrs.)
 - minimum grade C-
- BUS-M421 Fundamentals of Negotiations (3 cr. hrs.)
 - minimum grade C-
- BUS-P330 Project Management (3 cr. hrs.)
 - minimum grade C-
- BUS-D300 International Business Administration (3 cr. hrs.)
 - minimum grade C-
- BUS-Z445 HR Selection (3 cr. hrs.)
 - minimum grade C-
- BUS-Z444 Personnel Research and Management (3 cr. hrs.)
 - minimum grade C-
- BUS-Z443 Developing Employee Skills (cr. hrs.)

Electives

Any two (six credit hours) 300/400-level Business or Economics courses outside of Management (BUS-W). Cannot be satisfied by internship, professional practice, or BUS-M 300.

A course cannot count in both the 18 Management concentration hours and the 6 required elective hours for Management.

Marketing Concentration (27credit hours)

Marketing is fundamental to the success of both for-profit and not-for-profit enterprises. Projected to be one of the fastest-growing employment areas in the twenty-first century, marketing entry-level and career progression opportunities lie primarily in the fields of advertising and promotion, distribution management, entrepreneurship, international business, market analysis, marketing research, retail management and sales, and sales management. The marketing concentration at IU Southeast is designed to help the student build a customer-driven orientation combined with the strong analytical, communication, and technical skills necessary to be successful in today's global economy.

Required Courses

Complete the four courses (15 credit hours) listed below:

- BUS-D300International Business Administration(3 cr. hrs.)
 - minimum grade C-
- BUS-M303Marketing Research(3 cr. hrs.)
 - minimum grade C-
- BUS-M405Consumer Behavior(3 cr. hrs.)
 - minimum grade C-
- BUS-M450Marketing Strategy(3 cr. hrs.)
 - minimum grade C-
- BUS-M380Market Analysis(3 cr. hrs.)
 - minimum grade C-

Must take two courses (6 credit hours) from the following list:

- BUS-M 330 Consultative Selling (3 cr. hrs.)
 - minimum grade C-
- BUS-M 415 Advertising and Promotion Management (3 cr. hrs.)
 - minimum grade C-
- BUS-M 426 Sales Management (3 cr. hrs.)
 - minimum grade C-

Must take two additional courses (6 credit hours) from the following list:

- CMCL-C 337 New Media (course in development, consult with academic advisor) (3 cr. hrs.)
 - minimum grade C-
- TEL-R 440 Advertising Strategies (3 cr. hrs.)
 - minimum grade C-
- TEL-T 345 Advertising Media Planning (3 cr. hrs.)
 - minimum grade C-
- BUS or ECON 3XX or 4XX Select from any 300- or 400- level BUS or ECON course outside of Marketing (BUS-M). NOT from internships or professional practice. (3 cr. hrs.)

- minimum grade C-

*Note: Students double-concentrating in Marketing and Professional Sales and Sales Management must complete BUS-M415 and 3 hours of Business or Approved Electives outside of Marketing (BUS-M) courses.

** Reminder: Students must have at least 45 credit hours of 300/400 level coursework to graduate.

Professional Selling and Sales Management (27 credit hours)

Required Courses

Marketing Core, 4 courses (12 credit hours):

- BUS-M303Marketing Research(3 cr. hrs.)
 - minimum grade C-
- BUS-M405Consumer Behavior(3 cr. hrs.)
 - minimum grade C-
- BUS-M450Marketing Strategy(3 cr. hrs.)
 - minimum grade C-
- BUS-M380Market Analysis(3 cr. hrs.)
 - minimum grade C-

Sales Emphasis, 3 courses (9 credit hours)

- BUS-M 330 Consultative Selling (3 cr. hrs.)
 - minimum grade C-
- BUS-M 421 Fundamentals of Negotiation (course in development, consult with academic advisor) (3 cr. hrs.)
 - minimum grade C-
- BUS-M 426 Sales Management (3 cr. hrs.)
 - minimum grade C-

Must take two additional courses (6 credit hours) from the following list:

- SPCH-S 324 Persuasion (3 cr. hrs.)
 - minimum grade C-
- SPCH-S 380 Nonverbal Communication (3 cr. hrs.)
 - minimum grade C-
- BUS or ECON 3XX or 4XX Select from any 300- or 400- level BUS or ECON course outside of Marketing (BUS-M). NOT from internships or professional practice. (3 cr. hrs.)
 - minimum grade C-

*Note: Students double-concentrating in Marketing and Professional Sales and Sales Management must complete BUS-M415 and 3 hours of Business or Approved Electives outside of Marketing (BUS-M) courses.

** Reminder: Students must have at least 45 credit hours of 300/400 level coursework to graduate.

Supply Chain Management (27 credit hours)

Required Courses

- BUS-D300 International Business Administration (3 cr. hrs.)
 - minimum grade C-
- BUS-P330 Project Management (3 cr. hrs.)
 - minimum grade C-
- BUS-M421 Fundamentals of Negotiation (3 cr. hrs.)
 - minimum grade C-
- BUS-P421 Supply Chain Management (3 cr. hrs.)
 - minimum grade C-
- BUS-P430 Total Quality Management (3 cr. hrs.)
 - minimum grade C-
- BUS-M380 Market Analysis (3 cr. hrs.)
 - minimum grade C-
- BUS-M365 Internet Marketing (3 cr. hrs.)
 - minimum grade C-

Business Electives

Any combination (six cr. hrs.) of 300/400-level Business or Economics courses outside SCM (BUS-P). Cannot be satisfied by internship, professional practice, or BUS-M 300. A course cannot count in both the 21 SCM concentration hours and the 6 required elective hours for SCM.

****Reminder:** Students choosing 200-level courses still must have at least 45 cr. hrs. of 300/400-level coursework to graduate.

Minor in Business (for Non-Business Majors)

Core Requirements

You must complete eight courses (24 Credit Hours) in Business and Economics with a minimum grade of C- in each course and an overall grade point average of 2.0 in the set of Business and Economics courses.

A minimum of four of these eight courses must be completed at IU Southeast.

- The following four courses (12 credit hours) must be completed: (cr. hrs.)
- *ECON-E 201 Introduction to Microeconomics (3 cr. hrs.)
 - minimum grade C-
- *ECON-E 202 Introduction to Macroeconomics (3 cr. hrs.)
 - minimum grade C-
- *BUS-A 201 Introduction to Financial Accounting (3 cr. hrs.)
 - minimum grade C-
- *BUS-A 202 Introduction to Managerial Accounting (3 cr. hrs.)
 - minimum grade C-

- Choose 4 courses, from the following. At least 3 must be at the 300/400-level: (cr. hrs.)
- BUS-K 201 Computer in Business (3 cr. hrs.)
 - minimum grade C-
- BUS-L 201 The Legal Environment of Business (3 cr. hrs.)
 - minimum grade C-
- *ECON-E 280 Statistics for Business and Economics I (See School of Business Advisor regarding possible alternative statistics courses already required within your major.) (3 cr. hrs.)
 - minimum grade C-
- *BUS-F 301 Financial Management (3 cr. hrs.)
 - minimum grade C-
- *BUS-K 321 Management Information Systems (3 cr. hrs.)
 - minimum grade C-
- *BUS-M 301 Introduction to Marketing Management (BUS-M 300 can be taken by non-Business majors. It will not count as credit for the BS in Business degree) (3 cr. hrs.)
 - minimum grade C-
- *BUS-P 301 Operations Management (3 cr. hrs.)
 - minimum grade C-
- BUS-D 300 International Business Administration (3 cr. hrs.)
 - minimum grade C-
- BUS-W 301 Management and Organizational Theory (3 cr. hrs.)
 - minimum grade C-
- BUS-Z 302 Managing and Behavior in Organizations (3 cr. hrs.)
 - minimum grade C-

*Courses marked satisfy Foundation course requirements in preparation for the IU Southeast MBA Program. See <https://www.ius.edu/graduate-business/masters-degrees/mba/>.

Entrepreneurship Minor (for Business Majors)

Core Requirements

You must complete five courses (15 Credit Hours) in Business as defined below with a minimum grade of C- in each course and an overall grade point average of 2.0 in the set of Business courses.

Note: For students pursuing a Bachelor of Science in Business, only one course will double-count toward both an entrepreneurship minor and another concentration.

Principles of Entrepreneurship (9 Credit Hours)

- BUS-W211 Contemporary Entrepreneurship (3 cr. hrs.)
 - minimum grade C-
- BUS-W311 New Venture Creation (3 cr. hrs.)

- minimum grade C-
- BUS-W406 Venture Growth Management (3 cr. hrs.)
 - minimum grade C-
- Supporting Knowledge Set (6 Credit Hours)
- BUS-A310 Management Decisions and Financial Reporting (3 cr. hrs.)
 - minimum grade C-
- BUS-A414 Financial Statement Analysis and Interpretation (3 cr. hrs.)
 - minimum grade C-
- BUS-F260 Personal Finance (3 cr. hrs.)
 - minimum grade C-
- BUS-D300 International Business Administration (3 cr. hrs.)
 - minimum grade C-
- BUS-K330 Contemporary Topics in Information Technology (3 cr. hrs.)
 - minimum grade C-
- BUS-M303 Marketing Research (3 cr. hrs.)
 - minimum grade C-
- BUS-M330 Consultative Selling (3 cr. hrs.)
 - minimum grade C-
- BUS-M405 Buyer Behavior (3 cr. hrs.)
 - minimum grade C-
- BUS-M415 Advertising and Promotion Management (3 cr. hrs.)
 - minimum grade C-
- BUS-M421 Fundamentals of Negotiation (3 cr. hrs.)
 - minimum grade C-
- BUS-M426 Sales Management (3 cr. hrs.)
 - minimum grade C-
- BUS-P421 Supply Chain Management (3 cr. hrs.)
 - minimum grade C-
- BUS-W320 Leadership and Ethics (3 cr. hrs.)
 - minimum grade C-
- BUS-Z440 Personnel-Human Resource Management (3 cr. hrs.)
 - minimum grade C-
- ECON-E338 Business and Economic Applications of Geographical Information Systems (3 cr. hrs.)
 - minimum grade C-
- ECON-E350 Money and Banking (3 cr. hrs.)
 - minimum grade C-
- ECON-E333 International Economics (3 cr. hrs.)

- minimum grade C-
- BUS-Z445 Human Resource Selection (3 cr. hrs.)
 - minimum grade C-
- XXX-X300/400300-400 level course from other campus schools (as approved by business advisors) (3 cr. hrs.)
 - minimum grade C-

Entrepreneurship Minor (for Non-Business Majors)

Core Requirements

You must complete five courses (15 Credit Hours) in Business as defined below with a minimum grade of C- in each course and an overall grade point average of 2.0 in the set of Business courses.

Principles of Business - the following 2 courses (6 credit hours) must be completed:

- BUS-W100 Introduction to Business (3 cr. hrs.)
 - minimum grade C-
- BUS-M or BUS-M 301 or 300 Introduction to Marketing Management or Introduction to Marketing (3 cr. hrs.)
 - minimum grade C-
- Principles of Entrepreneurship - the following 2 courses (6 credit hours) must be completed: (3 cr. hrs.)
 - minimum grade C-
- BUS-W211 Contemporary Entrepreneurship (3 cr. hrs.)
 - minimum grade C-
- BUS-W311 New Venture Creation (3 cr. hrs.)
 - minimum grade C-

Supporting Knowledge Set - complete 1 course (3 credit hours) from the following:

- BUS-A201 Introduction to Accounting (3 cr. hrs.)
 - minimum grade C-
- BUS-F260 Personal Finance (3 cr. hrs.)
 - minimum grade C-
- BUS-L201 Legal Environment of Business (3 cr. hrs.)
 - minimum grade C-
- BUS-M365 Services Marketing (3 cr. hrs.)
 - minimum grade C-
- BUS-M415 Advertising and Promotion Management (3 cr. hrs.)
 - minimum grade C-
- BUS-W301 Principles of Management (3 cr. hrs.)
 - minimum grade C-
- BUS-W406 Venture Growth Management (3 cr. hrs.)
 - minimum grade C-

- BUS-Z440 Personnel-Human Resource Management (3 cr. hrs.)
 - minimum grade C-
- ECON-E201 Introduction to Economics (3 cr. hrs.)
 - minimum grade C-

*Non-Business Majors should take BUS-W100, BUS-W211, and BUS-M300 prior to enrolling in BUS-W311.

** It is strongly recommended that Non-Business Majors take BUS-W100, BUS-W211, and BUS-M300 prior to enrolling in BUS-W406.

Minor in Human Resources

People are an organization's most important asset, and effective human resources management is a critical component of any organization's business strategy. A minor in human resources will enable you to understand how people act in a professional environment and to help them maximize their potential.

Core Requirements

You must complete five courses (15 credit hours) in Business as defined below, with a minimum grade of C- in each course and an overall GPA of 2.0 in the set of Business courses.

Dept.	Course Number	Title	Credit Hours	Minimum Grade
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The following two courses (6 credit hours) must be completed:

BUS-Z	302	Managing Behavior in Organizations	3	C-
BUS-Z	440	Personnel-Human Resource Management	3	C-

Complete three additional courses (9 credit hours) from the following list:

BUS-Z	443	Developing Employee Skills	3	C-
BUS-Z	444	Personnel Research and Measurement	3	C-
BUS-Z	441	Wage and Salary Administration	3	C-
BUS-Z	445	Human Resource Selection	3	C-

Minor in Marketing (for Non-Business Majors)

Core Requirements

You must complete five courses (15 Credit Hours) in Business Marketing and Sales with a minimum grade of C- in each course and an overall grade point average of 2.0 in the set of courses for the Minor.

Please note that although the Marketing Minor is available beginning in the Fall 2015 semester, several courses are still in development and may not be offered for several semesters. Please speak with your advisor if you wish to add the Marketing Minor to your academic plan.

- The following four courses (12 credit hours) must be completed: (cr. hrs.)
- BUS-M or BUS-M 300 or 301 Introduction to Marketing or Intro. to Marketing Management (3 cr. hrs.)
 - minimum grade C-
- BUS-M 330 Consultative Selling (3 cr. hrs.)
 - minimum grade C-
- BUS-M 405 Consumer Behavior (3 cr. hrs.)
 - minimum grade C-
- BUS-M 450 Marketing Strategy (3 cr. hrs.)
 - minimum grade C-
- Choose 1 course (3 credit hours) from the following: (cr. hrs.)
- BUS-M 415 Advertising & Integrated Marketing Communications (3 cr. hrs.)
 - minimum grade C-
- BUS-M 421 Fundamentals of Negotiation (3 cr. hrs.)
 - minimum grade C-
- BUS-M 426 Sales Management(3 cr. hrs.)
 - minimum grade C-
- CMCL-C 337 New Media (3 cr. hrs.)
 - minimum grade C-
- TEL-R 440 Advertising Strategies (3 cr. hrs.)
 - minimum grade C-
- TEL-T 345 Advertising Media Planning (3 cr. hrs.)
 - minimum grade C-

Minor in Sales (for Non-Business Majors)

Core Requirements

You must complete five courses (15 Credit Hours) in Business Marketing and Sales with a minimum grade of C- in each course and an overall grade point average of 2.0 in the set of Marketing and Sales courses.

Please note that although the Sales Minor is available beginning in the Fall 2015 semester, several courses are still in development and may not be offered for several semesters. Please speak with your advisor

if you wish to add the Sales Minor to your academic plan.

- The following four courses (12 credit hours) must be completed: (cr. hrs.)
- BUS-M or BUS-M 300 or 301 Introduction to Marketing or Intro. to Marketing Management (3 cr. hrs.)
 - minimum grade C-
- BUS-M 330 Consultative Selling (3 cr. hrs.)
 - minimum grade C-
- BUS-M 421 Fundamentals of Negotiation (course in development, speak with advisor for more information) (3 cr. hrs.)
 - minimum grade C-
- BUS-M 426 Sales Management (3 cr. hrs.)
 - minimum grade C-
- Choose 1 course (3 credit hours) from the following: (cr. hrs.)
- BUS-M 415 Advertising & Integrated Marketing Communications (3 cr. hrs.)
 - minimum grade C-
- BUS-Z 440 Personnel: Human Resources Management (3 cr. hrs.)
 - minimum grade C-
- BUS-W 320 Leadership and Ethics(3 cr. hrs.)
 - minimum grade C-
- SPCH-S 324 Persuasive Speaking (3 cr. hrs.)
 - minimum grade C-
- SPCH-S 380 Nonverbal Communication (3 cr. hrs.)
 - minimum grade C-

Certificate in Entrepreneurship

The objective of the entrepreneurship non-degree seeking certificate is to provide students and members of the community the opportunity to learn about entrepreneurship and develop the necessary tools to assist them in starting and/or growing an entrepreneurial endeavor.

Complete the following courses:

Dept.	Course Number	Course Name	Credit Hours	Minimum Grade
BUS-W	211	Contemporary Entrepreneurship	3	C-
BUS-W	311	New venture Creation	3	C-
BUS-M	300	Introduction to Marketing	3	C-

Choose two of the following courses:

Dept.	Course Number	Course Name	Credit Hours	Minimum Grade
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MET	401	Capstone (Purdue University Sequence)	3	C-
MET	402	Capstone (Purdue University Sequence)	3	C-
BUS-W	406	Venture Growth Management	3	C-
BUS-W	100	Principles of Business Administration	3	C-
BUS-F	260	Personal Finance	3	C-
BUS-L	201	Legal Environment of Business	3	C-
BUS-W	301	Principles of Management	3	C-
BUS-W	320	Leadership and Ethics	3	C-
BUS-M	330	Personal Persuasion Strategy and Customer Relations Management	3	C-
BUS-M	405	Consumer Behavior	3	C-
ECON-E	201	Introduction to Microeconomics	3	C-
BUS-M	415	Advertising and Promotion Management	3	C-

Economics

Economics is a social science that develops models for organizing facts, enhances critical and creative thinking, and prepares students to be interested, alert, and competent observers of current events. A degree in economics empowers a student to make well-reasoned decisions about personal matters, business problems, and public policy.

Contact Information

Business Office: (812) 941-2362

Website: <https://www.ius.edu/economics/>

Academics

Undergraduate Degrees

- Bachelor of Arts in Economics

Post-Baccalureate Certificates

- Post-Baccalureate Certificate in Economics

Minors

- Minor in Economics
- Minor in Entrepreneurship (Non-Business Majors)

Economics (Bachelor of Arts)

Student Learning Goals

1. Students are able to evaluate the quality of arguments and evidence and the accuracy of claims.
2. Students are able to define a problem, gather relevant information, and reach an appropriate conclusion.
3. Students communicate using oral and written presentations.
4. Students demonstrate an awareness and appreciation of ethical, cultural, legal, and global issues affecting society in general and business in particular.
5. Students demonstrate knowledge of macroeconomics and microeconomics.

Policies

Candidates for the Bachelor of Arts in Economics degree and the Associate of Arts in Economics degree should review "General Requirements for All Undergraduate Degrees at IU Southeast," found in the "Undergraduate Studies" section of this bulletin. While each student is responsible for his or her own progress toward a degree, academic advisors for the School of Business are available for advice concerning courses, requirements, and the curriculum best suited to the student's goals. To ensure the quality of the student's educational experience, the following policies are in place for all degrees:

1. The student must successfully complete a minimum of 120 credit hours for the Bachelor of Arts degree and 60 credit hours for the Associate of Arts degree with a minimum overall grade point average (GPA) of at least 2.0 (not including developmental courses such as English W 100 and Education X 150).
2. An overall GPA of 2.0 is required in economics courses.
3. Entering students are assigned a Pre-Economics status until admission requirements are fulfilled, at which time the students are admitted into the Economics degree program. Admission requirements: 12 or more hours completed with at least a 2.3 GPA, C or better in ENG-W 131. (Note: MATH-K 300 does not count in this total of 45 hours).
4. In general, for a course to count toward an economics degree, a minimum grade of C- is required unless otherwise noted.
5. Academic Advising: Both Pre-Economics and Economics students are strongly encouraged to meet regularly with an academic advisor or faculty member in the School of Business to discuss academic and career issues.
6. For the Bachelor of Arts degree, a student must complete no fewer than 26 credit hours of coursework in the senior year in residence at IU Southeast and no fewer than 10 credit hours of 300 or 400 level economics coursework must be taken at IU Southeast. For the Associate of Arts degree, at least 15 credit hours must be taken

at IU Southeast and at least 6 credit hours of 300 or 400 level economics coursework must be taken at IU Southeast. At least 6 credit hours of 300 or 400 level economics coursework must be taken at IU Southeast for a minor.

7. Credit by examination may be earned in ECON-E 201 Introduction to Microeconomics, ECON-E 202 Introduction to Macroeconomics, and BUS-K 201 The Computer in Business. CLEP examinations are accepted for General Education course work if acceptable to the major department for that subject. Contact the Student Development Center, (University Center South, (812) 941-2312) for information about these examinations.
8. After being admitted to IU Southeast, courses taken at another institution or campus may not count toward a School of Business degree without prior approval. To request approval, the student must contact a School of Business advisor.
9. For the bachelor's degree, 30 of the 120 credit hours must be at the 300 to 400 level (including economics core, general education, and elective courses).
10. Students must apply for their degree in the School of Business Office (Hillside Hall 221) six months before graduation. (For May and August graduates, the deadline is November 1; for December graduates, the deadline is May 15).
11. Students completing internships for credit earn Satisfactory or Fail grades only.
12. Students must complete MATH-M 119 and ECON-E 281 within the first 80 hours of course work. If these courses are not completed as required, the student will not be allowed to register for additional classes until they are completed.
13. Students who are not active at the university for one year will be subject to the requirements of the bulletin in effect at the time of their reinstatement. Upon reinstatement, students are required to see a School of Business advisor to develop a degree completion plan before registering for classes.

Degree Requirements Defined

Degree Program Admission Requirements

Twelve or more credit hours and at least a 2.0 overall GPA.

- ENG-W131 Elementary Composition (3 cr. hrs.)
 - minimum grade C

See "General Requirements for All Undergraduate Degrees at IU Southeast," and "Graduation Requirements for the Bachelor of Arts Degree."

Note: This degree does not require meeting the requirements of a B.S. in Business.

General Education Component

Note: This is not a re-statement of the University's General Education Requirement but a list of specific General Education courses which are also requirements or pre-requisites for course work in the school/major.

Choose a second writing course from the following list.

- ENG-W231 Professional Writing Skills OR (3 cr. hrs.)

- minimum grade C-
 - ENG-W234 Technical Report Writing OR(3 cr. hrs.)
 - minimum grade C-
 - ENG-W270 Argumentative Writing OR(3 cr. hrs.)
 - minimum grade C-
 - ENG-W290 Writing in the Arts and Sciences(3 cr. hrs.)
 - minimum grade C-
- Take each of the following courses:
- MATH-M 129 Business Algebra and Applications (3 cr. hrs.)
 - minimum grade C-
 - BUS-C104 Business Presentations(3 cr. hrs.)
 - minimum grade C-
 - BUS-K201 Computer in Business (3 cr. hrs.)
 - minimum grade C-
 - ECON-E 201 Introduction to Microeconomics (3 cr. hrs.)

Core Program

The following 6 courses (18 credit hours) must be completed:

- ECON-E 201 Introduction to Microeconomics (3 cr. hrs.)
 - minimum grade C-
- ECON-E202 Introduction to Macroeconomics (3 cr. hrs.)
 - minimum grade C-
- ECON-E280 Applied Statistics for Business I (3 cr. hrs.)
 - minimum grade C-
- ECON-E281 Applied Statistics for Business II (Must be completed in first 80 credit hours) *May be taken concurrently if student earned a B in MATH-M 122 (3 cr. hrs.)
 - minimum grade C-
- ECON-E321 Intermediate Microeconomic Theory (3 cr. hrs.)
 - minimum grade C-
- ECON-E322 Intermediate Macroeconomic Theory(3 cr. hrs.)
 - minimum grade C-

Students must complete four of the following courses (12 credit hours).

- ECON-E323 Urban Economics OR(3 cr. hrs.)
 - minimum grade C-
- ECON-E333 International Economics OR(3 cr. hrs.)
 - minimum grade C-
- ECON-E338 Business and Economics Applications of GIS OR(3 cr. hrs.)

- minimum grade C-
- ECON-E350 Money and Banking OR(3 cr. hrs.)
 - minimum grade C-
- ECON-E470 Econometrics(3 cr. hrs.)
 - minimum grade C-

Electives

Students are required to choose two elective courses (6 credit hours) from the following options:

The following are recommended for those planning to pursue graduate studies in economics:

- MATH-M215 Calculus I(5 cr. hrs.)
 - minimum grade D-
 - prerequisite/co-requisite: R: MATH-M 125 & MATH-M 126 or placement
- MATH-M216 Calculus II(5 cr. hrs.)
 - minimum grade D-
 - prerequisite/co-requisite: P: MATH-M 215
- ECON-E470 Econometrics (if not takes as part of the core requirements)(3 cr. hrs.)
 - minimum grade C-
 - prerequisite/co-requisite: P: ECON-E 200, ECON-E 281

The following are recommended for those planning to pursue law school:

- BUS-A201 Introduction to Financial Accounting (3 cr. hrs.)
 - minimum grade C-
 - prerequisite/co-requisite: P: Completion of MATH-M 102/ MATH-M 117 or Test into MATH-M 122 or higher (12 Cr. Hrs)
- BUS-A202 Introduction to Managerial Accounting (3 cr. hrs.)
 - minimum grade C-
 - prerequisite/co-requisite: P: BUS-A 201
- BUS-L201 Legal Environment of Business(3 cr. hrs.)
 - minimum grade C-
 - prerequisite/co-requisite: None
- BUS-L303 Commercial Law II(3 cr. hrs.)
 - minimum grade C-
 - prerequisite/co-requisite: P: BUS-L 201
- POLS-Y304 Constitutional Law(3 cr. hrs.)
 - minimum grade D-
 - prerequisite/co-requisite: P: POLS-Y 103

Additional courses permitted:

- BUS-F301 Financial Management (3 cr. hrs.)
 - minimum grade C-
 - prerequisite/co-requisite: P: ENG-W 231 or W 234, SPCH-S 121, ECON-E 150, BUS-A 202 (45 Cr. Hrs.)
- BUS-F302 Financial Decision Making (3 cr. hrs.)

- minimum grade C-
- prerequisite/co-requisite: P: BUS-F 301, ECON-E 280
- BUS-F420 Investments (3 cr. hrs.)
 - minimum grade C-
 - prerequisite/co-requisite: P: BUS-F 301, ECON-E 200
- BUS-M301 Introduction to Marketing Management (OR BUS-M 300) (3 cr. hrs.)
 - minimum grade C-
 - prerequisite/co-requisite: P: ENG-W 231 or W234, SPCH-S 121, ECON-E 200 (45 Cr. Hrs.)
- BUS-M303 Marketing Research (3 cr. hrs.)
 - minimum grade C-
 - prerequisite/co-requisite: P: BUS-M 301, ECON-E 280
- BUS-M405 Buyer Behavior (3 cr. hrs.)
 - minimum grade C-
 - prerequisite/co-requisite: P: BUS-M 301
- BUS-P301 Operations Management (3 cr. hrs.)
 - minimum grade C-
 - prerequisite/co-requisite: P: ENG-W 231 or W234, SPCH-S 121 (45 Cr. Hrs.)
- GEOG-G438 Advanced Geographic Information Systems (3 cr. hrs.)
 - minimum grade C-
 - prerequisite/co-requisite: P: GEOG-G 338
- GEOG-G439 Seminar in Geographic Information Systems (3 cr. hrs.)
 - minimum grade C-
 - prerequisite/co-requisite: P: GEOG-G 438

Additional electives as needed to meet degree requirements.

Minor in Accounting

Core Requirements

You must complete five courses (15 credit hours) in Business as defined below, with a minimum grade of C- in each course and an overall GPA of 2.0 in the set of Business courses.

Dept.	Course Number	Title	Credit Hours	Minimum Grade
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The following four courses (12 credit hours) must be completed:

BUS-A	201	Introduction to Financial Accounting	3	C-
BUS-A	202	Introduction to Managerial Accounting	3	C-
BUS-A	328	Introduction to Taxation	3	C-
BUS-A	325	Cost Accounting	3	C-

Choose one of the following courses (3 credit hours):

BUS-A	310	Management Decisions and Financial Reporting	C-
BUS-A	311	Intermediate Accounting I	C-

Economics Minor

Core Requirements

You must complete five courses (15 Credit Hours) in Economics as defined below with a minimum grade of C- in each course and an overall grade point average of 2.0 in the set of Economics courses.

The following 2 courses (6 credit hours) must be completed:

- ECON-E201 Introduction to Microeconomics (3 cr. hrs.)
 - minimum grade C-
- ECON-E202 Introduction to Macroeconomics (3 cr. hrs.)
 - minimum grade C-

Must choose three of the following courses (9 credit hours):

- ECON-E321 Intermediate Microeconomic Theory (3 cr. hrs.)
 - minimum grade C-
- ECON-E322 Intermediate Macroeconomic Theory (3 cr. hrs.)
 - minimum grade C-
- ECON-E323 Urban Economics (3 cr. hrs.)
 - minimum grade C-
- ECON-E333 International Economics (3 cr. hrs.)
 - minimum grade C-
- ECON-E338 Applications of GIS (3 cr. hrs.)
 - minimum grade C-
- ECON-E350 Money and Banking (3 cr. hrs.)
 - minimum grade C-
- ECON-E470 Introduction to Econometrics (3 cr. hrs.)
 - minimum grade C-

Post-Baccalaureate Certificates

- Accounting (Certified Public Accountant Preparation)
- Accounting (Corporate Accounting Preparation)
- Economics
- Entrepreneurship
- Finance
- General Business
- Human Resources Management
- International Business
- Management

- Marketing
- Professional Selling
- Supply Chain and Information Management

Accounting—Certified Public Accountant Preparation

All students entering the Post-Baccalaureate Certificate Program must have completed a bachelor's degree prior to enrolling.

Specific Requirements

To earn the Post-Baccalaureate Certificate in Accounting (CPA Prep), students must:

1. Successfully complete all of the required courses with at least a C-, and
2. Successfully complete at least five of the required courses listed below at IU Southeast after completion of an undergraduate degree.

The following 21 Credit Hours are required:

- BUS-A 301 Accounting: An Information System (3 cr. hrs.)
 - minimum grade C-
- BUS-A 311 Intermediate Accounting I (3 cr. hrs.)
 - minimum grade C-
- BUS-A 312 Intermediate Accounting II (3 cr. hrs.)
 - minimum grade C-
- BUS-A 328 Introduction to Taxation (3 cr. hrs.)
 - minimum grade C-
- BUS-A 424 Auditing (3 cr. hrs.)
 - minimum grade C-
- Also Complete TWO of the Following Courses (6 credit hours): (cr. hrs.)
- BUS-A 339 Advanced Income Taxation (Recommended) (3 cr. hrs.)
 - minimum grade C-
- BUS-A 422 Advanced Accounting (Recommended) (3 cr. hrs.)
 - minimum grade C-
- BUS-A 325 Cost Accounting (3 cr. hrs.)
 - minimum grade C-
- BUS-A 414 Financial Statement Analysis and Interpretation (3 cr. hrs.)
 - minimum grade C-

NOTE: Additional coursework in business and economics as well as other requirements exist in various states. Completion of the PBC in Accounting cannot be relied upon to ensure compliance with CPA regulations in all jurisdictions. Only the appropriate state board or other certifying body in each jurisdiction can provide you with the most current authoritative information regarding requirements in their state.

Accounting—Corporate Accounting Preparation

All students entering the Post-Baccalaureate Certificate Program must have completed a bachelor's degree prior to enrolling.

Specific Requirements

To earn the Post-Baccalaureate Certificate in Accounting (Corporate Accounting Preparation), students must:

1. Successfully complete all of the required courses with at least a C-, and
2. Successfully complete at least five of the required courses listed below at IU Southeast after completion of an undergraduate degree.

The following 21 Credit Hours are required:

- BUS-A 301 Accounting: An Information System (3 cr. hrs.)
 - minimum grade C-
- BUS-A 311 Intermediate Accounting I (3 cr. hrs.)
 - minimum grade C-
- BUS-A 312 Intermediate Accounting II (3 cr. hrs.)
 - minimum grade C-
- BUS-A 325 Cost Accounting (3 cr. hrs.)
 - minimum grade C-
- BUS-F 301 Financial Management (3 cr. hrs.)
 - minimum grade C-
- BUS-Z 302 Managing and Behavior in Organizations (3 cr. hrs.)
 - minimum grade C-
- Also complete ONE of the following courses (3 credit hours): (cr. hrs.)
- BUS-A 328 Introduction to Taxation (3 cr. hrs.)
 - minimum grade C-
- BUS-A 339 Advanced Income Taxation (3 cr. hrs.)
 - minimum grade C-
- BUS-A 414 Financial Statement Analysis and Interpretation (3 cr. hrs.)
 - minimum grade C-
- BUS-A 422 Advanced Financial Accounting I (3 cr. hrs.)
 - minimum grade C-
- BUS-A 424 Auditing (3 cr. hrs.)
 - minimum grade C-

NOTE: Additional coursework in business and economics may be useful in preparing for the CMA Examination. Completion of the PBC in Accounting cannot be relied upon to ensure compliance with all CMA requirements. Only the Institute of Management Accountants' (IMA) certifying body can provide you with the most current

authoritative information regarding their requirements. See www.imanet.org.

Economics

All students entering the Post-Baccalaureate Certificate Program must have completed a bachelor's degree prior to enrolling. Previous equivalent coursework can fulfill some of the course requirements for this certificate.

Specific Requirements

To earn the Post-Baccalaureate Certificate in Economics, students must:

1. Successfully complete five of the courses listed below with at least a C-, and
 2. Successfully complete at least four of the courses listed below at IU Southeast after completion of an undergraduate degree.
- ECON-E 321 Intermediate Microeconomic Theory (3 cr. hrs.)
 - minimum grade C-
 - ECON-E 322 Intermediate Macroeconomic Theory (3 cr. hrs.)
 - minimum grade C-
 - ECON-E 323 Urban Economics (3 cr. hrs.)
 - minimum grade C-
 - ECON-E 333 International Economics (3 cr. hrs.)
 - minimum grade C-
 - ECON-E 338 Business and Economics Applications of GIS (3 cr. hrs.)
 - minimum grade C-
 - ECON-E 350 Money and Banking (3 cr. hrs.)
 - minimum grade C-
 - ECON-E 470 Intro to Econometrics (3 cr. hrs.)
 - minimum grade C-

Finance

All students entering the Post-Baccalaureate Certificate Program must have completed a bachelor's degree prior to enrolling. Previous equivalent coursework can fulfill some of the course requirements for this certificate.

Specific Requirements

To earn the Post-Baccalaureate Certificate in Finance, students must:

1. Successfully complete five of the courses listed below with at least a C-, and
 2. Successfully complete at least four of the courses listed below at IU Southeast after completion of an undergraduate degree.
- BUS-A 310 Management Decisions and Financial Reporting (BUS-A 311 Intermediate Accounting will substitute for BUS-A 310 for Accounting students. Students cannot take both BUS-A 310 and BUS-A 311 for credit.) (3 cr. hrs.)
 - minimum grade C-

- BUS-A 414 Financial Statement Analysis and Interpretation (3 cr. hrs.)
 - minimum grade C-
- BUS-F 302 Financial Decision Making (3 cr. hrs.)
 - minimum grade C-
- BUS-F 410 Financial Institutions and Markets (3 cr. hrs.)
 - minimum grade C-
- BUS-F 420 Equity & Fixed Income Investments (3 cr. hrs.)
 - minimum grade C-
- BUS-F 494 International Finance (3 cr. hrs.)
 - minimum grade C-
- ECON-E 350 Money and Banking (3 cr. hrs.)
 - minimum grade C-

General Business

All students entering the Post-Baccalaureate Certificate Program must have completed a bachelor's degree prior to enrolling. Previous equivalent coursework can fulfill some of the course requirements for this certificate.

Specific Requirements

To earn the Post-Baccalaureate Certificate in General Business, students must:

1. Successfully complete all of the required courses (24 hours) listed below with at least a C-, and
 2. Successfully complete at least six of the courses listed below, either required or recommended, at IU Southeast after completion of an undergraduate degree.
- Required Courses (24 hours) (cr. hrs.)
 - BUS-A 201 Introduction to Financial Accounting (3 cr. hrs.)
 - minimum grade C-
 - BUS-A 202 Introduction to Managerial Accounting (3 cr. hrs.)
 - minimum grade C-
 - ECON-E 201 Introduction to Microeconomics (3 cr. hrs.)
 - minimum grade C-
 - ECON-E 202 Introduction to Macroeconomics (3 cr. hrs.)
 - minimum grade C-
 - ECON-E 280 Applied Statistics for Business & Econ I (3 cr. hrs.)
 - minimum grade C-
 - BUS-F 301 Financial Management (3 cr. hrs.)
 - minimum grade C-
 - BUS-M 301 Introduction to Marketing Management (3 cr. hrs.)
 - minimum grade C-

- BUS-P 301 Operations Management (3 cr. hrs.)
 - minimum grade C-
- Recommended Additional Course Options (if needed):
(Another 300/400 level BUS or ECON course may be used in place of a recommended course. Prior to enrolling, see a School of Business academic advisor about this substitution opportunity.) (cr. hrs.)
- BUS-K 201 Computer in Business (3 cr. hrs.)
 - minimum grade C-
- BUS-L 201 Legal Environment of Business (3 cr. hrs.)
 - minimum grade C-
- BUS-K 321 Management of Information Tech (3 cr. hrs.)
 - minimum grade C-
- BUS-Z 302 Managing and Behavior in Organizations (3 cr. hrs.)
 - minimum grade C-
- BUS-A 311 Intermediate Accounting I (3 cr. hrs.)
 - minimum grade C-
- BUS-D 300 International Business Administration (3 cr. hrs.)
 - minimum grade C-
- BUS-P 330 Project Management (3 cr. hrs.)
 - minimum grade C-
- BUS-W 301 Principles of Management (3 cr. hrs.)
 - minimum grade C-
- BUS-Z 440 Personnel – Human Resource Management (3 cr. hrs.)
 - minimum grade C-

Human Resources Management

All students entering the Post-Baccalaureate Certificate Program must have completed a bachelor's degree prior to enrolling. Previous equivalent coursework can fulfill some of the course requirements for this certificate.

Specific Requirements for Concentration/Track/Option

To earn the Post-Baccalaureate Certificate in Human Resources Management, students must:

1. Successfully complete five of the courses listed below with at least a C-, and
 2. Successfully complete at least four of the courses listed below at IU Southeast after completion of an undergraduate degree.
- BUS-W 301 Principles of Management (3 cr. hrs.)
 - minimum grade C-
 - BUS-Z 440 Personnel – Human Resources Management (3 cr. hrs.)
 - minimum grade C-
 - BUS-Z 441 Wage and Salary Administration (3 cr. hrs.)

- minimum grade C-
- BUS-Z 443 Developing Employee Skills (3 cr. hrs.)
 - minimum grade C-
- BUS-Z 444 Personnel Research and Measurement (3 cr. hrs.)
 - minimum grade C-
- BUS-Z 445 Human Resource Selection (3 cr. hrs.)
 - minimum grade C-

International Business

All students entering the Post-Baccalaureate Certificate Program must have completed a bachelor's degree prior to enrolling. Previous equivalent coursework can fulfill some of the course requirements for this certificate.

Specific Requirements

NOTE: Previous equivalent coursework can fulfill some of the requirements listed below.

To earn the Post-Baccalaureate Certificate in International Business, students must:

1. Successfully complete the courses listed below with at least a C-, and
 2. Successfully complete at least four of the courses listed below at IU Southeast after completion of an undergraduate degree.
- BUS-D 300 International Business Administration (3 cr. hrs.)
 - minimum grade C-
 - BUS-F 494 International Finance (3 cr. hrs.)
 - minimum grade C-
 - ECON-E 333 International Economics (3 cr. hrs.)
 - minimum grade C-
 - POLS-Y 376 International Political Economy (3 cr. hrs.)
 - minimum grade C-

One 300-400 level course from the chosen Region's list of courses in Group A, Group B, or Group C of the International Studies Major (see Bulletin for lists).

Management

All students entering the Post-Baccalaureate Certificate Program must have completed a bachelor's degree prior to enrolling. Previous equivalent coursework can fulfill some of the course requirements for this certificate.

Specific Requirements

To earn the Post-Baccalaureate Certificate in Management, students must:

1. Successfully complete five of the courses listed below with at least a C-, and
 2. Successfully complete at least four of the courses listed below at IU Southeast after completion of an undergraduate degree.
- BUS-D 300 International Business Administration (3 cr. hrs.)

- minimum grade C-
- BUS-W 301 Principles of Management (3 cr. hrs.)
 - minimum grade C-
- BUS-W 311 New Venture Creation (3 cr. hrs.)
 - minimum grade C-
- BUS-W 320 Leadership and Ethics (3 cr. hrs.)
 - minimum grade C-
- BUS-W 430 Organizations and Organizational Change (3 cr. hrs.)
 - minimum grade C-
- BUS-Z 440 Personnel – Human Resource Management (3 cr. hrs.)
 - minimum grade C-

Marketing

All students entering the Post-Baccalaureate Certificate Program must have completed a bachelor's degree prior to enrolling. Previous equivalent coursework can fulfill some of the course requirements for this certificate.

Specific Requirements

To earn the Post-Baccalaureate Certificate in Marketing, students must:

1. Successfully complete five of the courses listed below with at least a C-, and
 2. Successfully complete at least four of the courses listed below at IU Southeast after completion of an undergraduate degree.
- BUS-D 300 International Business Administration (3 cr. hrs.)
 - minimum grade C-
 - BUS-M 303 Marketing Research (3 cr. hrs.)
 - minimum grade C-
 - BUS-M 330 Consultative Selling (3 cr. hrs.)
 - minimum grade C-
 - BUS-M 365 Internet Marketing (3 cr. hrs.)
 - minimum grade C-
 - BUS-M 405 Consumer Behavior (3 cr. hrs.)
 - minimum grade C-
 - BUS-M 415 Advertising and Promotion Management (3 cr. hrs.)
 - minimum grade C-
 - BUS-M 425 Services Marketing (3 cr. hrs.)
 - minimum grade C-
 - BUS-M 450 Marketing Strategy (3 cr. hrs.)
 - minimum grade C-

Supply Chain and Information Management

All students entering the Post-Baccalaureate Certificate Program must have completed a bachelor's degree prior

to enrolling. Previous equivalent coursework can fulfill some of the course requirements for this certificate.

Specific Requirements

To earn the Post-Baccalaureate Certificate in Supply Chain and Information Management, students must:

1. Successfully complete five of the courses listed below with at least a C-, and
 2. Successfully complete at least four of the courses listed below at IU Southeast after completion of an undergraduate degree.
- BUS-K 330 Special Topics: Info Tech Mgmt Issues (3 cr. hrs.)
 - minimum grade C-
 - BUS-K 340 Enterprise Resource Planning Systems (3 cr. hrs.)
 - minimum grade C-
 - BUS-K 440 Business Intelligence (3 cr. hrs.)
 - minimum grade C-
 - BUS-P 330 Project Management (3 cr. hrs.)
 - minimum grade C-
 - BUS-P 421 Supply Chain Management (3 cr. hrs.)
 - minimum grade C-
 - BUS-P 430 Total Quality Management (3 cr. hrs.)
 - minimum grade C-

Professional Selling

All students entering the Post-Baccalaureate Certificate Program must have completed a bachelor's degree prior to enrolling. Previous equivalent coursework can fulfill some of the course requirements for this certificate.

Please note that although the Post-Baccalaureate Certificate in Professional Selling is available beginning in the Fall 2015 semester, some courses may still be in development and may not be offered for several semesters. Please speak with your advisor if you wish to pursue the Post-Baccalaureate Certificate in Professional Selling.

Specific Requirements

To earn the Post-Baccalaureate Certificate in Professional Selling, students must:

1. Successfully complete five of the courses listed below with at least a C-, and
2. Successfully complete at least four of the courses listed below at IU Southeast after completion of an undergraduate degree.

Complete the following 4 courses (12 credit hours):

- BUS-M or BUS-M 300 or 301 Introduction to Marketing or Introduction to Marketing Management (3 cr. hrs.)
 - minimum grade C-
- BUS-M 330 Consultative Selling (3 cr. hrs.)
 - minimum grade C-

- BUS-M 421 Fundamentals of Negotiation (course in development, speak with academic advisor) (3 cr. hrs.)
 - minimum grade C-
- BUS-M 426 Sales Management (3 cr. hrs.)
 - minimum grade C-

Choose one course (3 credit hours) from the following:

- BUS-M 405 Consumer Behavior (3 cr. hrs.)
 - minimum grade C-
- BIS-Z 440 Personnel and Human Resource Management (cr. hrs.)
 - minimum grade
- BUS-W 320 Leadership and Ethics (3 cr. hrs.)
 - minimum grade C-
- SPCH-S 324 Persuasion (3 cr. hrs.)
 - minimum grade C-
- SPCH-S 380 Nonverbal Communication (3 cr. hrs.)
 - minimum grade C-

Entrepreneurship

All students entering the Post-Baccalaureate Certificate Program must have completed a bachelor's degree prior to enrolling. Previous equivalent coursework can fulfill some of the course requirements for this certificate. No more than two previous courses can double-count with the Principles of Entrepreneurship section. Beyond two courses, students must take additional electives (9 additional hours required for the program).

Specific Requirements

To earn the Post-Baccalaureate Certificate in Entrepreneurship, students must:

1. Successfully complete five of the courses listed below with at least a C-, and
2. Successfully complete at least four of the courses listed below at IU Southeast after completion of an undergraduate degree.

Principles of Entrepreneurship Complete the following 4 courses (12 credit hours):

- BUS-W 211 Contemporary Entrepreneurship (3 cr. hrs.)
 - minimum grade C-
- BUS-W 311 New Venture Creation (3 cr. hrs.)
 - minimum grade C-
- BUS-W 406* Venture Growth Management (3 cr. hrs.)
 - minimum grade C-
- BUS-M 300 or 301 Introduction to Marketing or Introduction to Marketing Management(3 cr. hrs.)
 - minimum grade C-

Choose one course (3 credit hours) from the following:
With consent of advisor, appropriate business courses can be substituted for those listed below for business graduates.

- BUS-F 260 Personal Finance (3 cr. hrs.)
 - minimum grade C-
- BIS-L 201 Legal Environment of Business (3 cr. hrs.)
 - minimum grade C-
- BUS-W 301 Principles of Management (3 cr. hrs.)
 - minimum grade C-
- BUS-W 320 Leadership and Ethics (3 cr. hrs.)
 - minimum grade C-
- BUS-M 330 Consultative Selling (3 cr. hrs.)
 - minimum grade C-
- BUS-M 405 Consumer Behavior (3 cr. hrs.)
 - minimum grade C-
- ECON-E201 Introduction to Microeconomics(3 cr. hrs.)
 - minimum grade C-
- BUS-M415 Advertising and Promotion Management(3 cr. hrs.)
 - minimum grade C-
- BUS-E560** Venture Growth Management(3 cr. hrs.)
 - minimum grade C-

*BUS-W211 and W311 must be taken before BUS-W406

** Special permission will be granted for entry into the E560 class for those seeking the Post-Bacc Certificate in Entrepreneurship.

Strategic Finance (Master of Science)

The Indiana University Southeast Master of Science in Strategic Finance (MSSF) degree program is designed for students interested in continuing their postgraduate education in the field of accounting and financial analysis. The program addresses issues that are of significance to accounting and corporate finance professionals. This program is uniquely designed to benefit those seeking careers in public accounting and for finance and accounting professionals seeking careers in the private sector. For example, the MSSF prepares public accountants and corporate finance specialists by requiring coursework in corporate finance, information technology, project management, taxes, business analysis and valuation, accounting, and business strategy. Through the elective phase, students have the opportunity to pursue traditional accounting courses and course work in other areas that will enhance their professional preparation. The program allows public accounting professionals and corporate finance specialists to receive preparation in financial analysis, financial planning, financial reporting, strategic consulting, and systems consulting.

Master of Business Administration (MBA)

The Indiana University Southeast Master of Business Administration (MBA) degree program is designed for students interested in continuing their education in

the field of business. Through the program, business professionals increase their breadth of knowledge, ability to analyze business alternatives more thoroughly and opportunities for more challenging, responsible, and productive careers in the business community.

Dual Major Elementary & Special Education (Bachelor of Science)

Degree Requirements (130 cr.)

- General Education Component (30 cr.)
- Additional Program Requirements (24 cr.)
- Special Education Blocks (76 cr.)
- A minimum GPA of 2.5 is required.
- All courses are 3 credit hours, unless otherwise noted.

General Education (30 cr.)

- COAS-S 104 First Year Seminar (1 cr.)
- SPCH-S 121 Public Speaking
- ENG-W 131 Reading, Writing, and Inquiry I
- ENG-W 250 Writing in Context
- MATH-T 101 Mathematics for Elementary Teachers I
- CHEM-C 104 Physical Sciences and Society (5 cr.)
- POLS-Y 103 Introduction to American Politics
- GEOG-G201 World Regional Geography
- Complete one of the following:
 - HIST-H 105 American History I
 - HIST-H 106 American History II
- Complete one of the following:
 - ENG-L 101 Ancient and Medieval World Literature
 - ENG-L 102 Modern World Literature

Additional Program Requirements (24 cr.)

- EDUC-F 200 Examining Self as Teacher or
 - EDUC-F 201 (2 cr.) Exploring the Personal Demands of Teaching: Laboratory Experience and
 - EDUC-F 202 (1 cr.) Exploring the Personal Demands of Teaching: Field Experience
- EDUC-W 200 Using Computers in Education
- MATH-T 102 Mathematics for Elementary Teachers II
- MATH-T 103 Mathematics for Elementary Teachers III
- Complete one of the following:
 - PHIL-P 100 Introduction to Philosophy
 - PHIL-P 140 Introduction to Ethics
- BIOL-L 100 Humans and the Biological World
- GEOG-G 107 Physical Systems of the Environment
- Complete one of the following:
 - FINA-F 100 Fundamental Studio-Drawing
 - FINA-H 100 Introduction to Art History and Visual Culture for Non-Majors
 - FINA-N 110 Introduction to Studio Art for Non-majors
 - MUS-E 241 Introduction to Music Fundamentals

- MUS-M 174 Music for the Listener
- THTR-T 105 Theatre Appreciation
- THTR-T 120 Acting One: Fundamentals of Acting

Special Education Blocks (76 cr.)

- Block 1
 - EDUC-E 339 Methods of Teaching Language Arts
 - EDUC-P 248 The Elementary School Child: Physical, Emotional, & Social Development (2 cr.)
 - EDUC-K 205 Introduction to Exceptional Children (2 cr.)
 - EDUC-K 200 Introductory Practicum in Special Education (2 cr.)
 - EDUC-M 101 Laboratory/Field Experience Topic: Block 1 Practicum (1 cr.)
 - EDUC-F 401 Topical Exploration in Education Topic: Child as Learner Seminar (1 cr.)
 - EDUC-M 300 Teaching in a Pluralistic Society
 - EDUC-K 370 Introduction to Language and Learning Disorders
 - EDUC-K 206 (1 cr.)
- Block 2
 - EDUC-E 340 Methods of Teaching Reading I
 - EDUC-E 325 Social Studies in the Elementary Schools
 - EDUC-E 343 Math in the Elem Schools
 - EDUC-K 490 Research in Special Education Topic: Autism Spectrum Disorder (2 cr.)
 - EDUC-K 344 Education of the Socially and Emotionally Disturbed II
 - EDUC-K 495 Laboratory/Field Experience in Special Education Topic: Block 2 Clinical Experience (2 cr.)
 - EDUC-M 201 Laboratory/Field Experience Topic: Block 2 Practicum (1 cr.)
 - EDUC-F 401 Topical Exploration in Education Topic: Literate Child Seminar (1 cr.)
- Block 3
 - EDUC-E 341 Methods of Teaching Reading II
 - EDUC-E 328 Science in the Elementary Schools
 - EDUC-N 443 Teaching Elementary Mathematics Problem Solving (2 cr.)
 - EDUC-K 345 Academic and Behavioral Assessment of the Mildly Handicapped Child
 - EDUC-P 313 Adolescents in a Learning Community (2 cr.)
 - EDUC-K 495 Laboratory/Field Experience Topic: Block 3 Practicum (2 cr.)
 - EDUC-M 301 Laboratory/Field Experience Topic: Block 3 Practicum (1 cr.)
- Additional coursework
 - EDUC-K 453 Management of Academic and Social Behavior
 - EDUC-K 352 Education of Students with Learning Disorders
 - EDUC-K 361

- Block 4
 - EDUC-K 480 Student Teaching in Special Education (6 cr.)
 - EDUC-M 425 Student Teach: Elementary (6 cr.)
 - EDUC-K 362

School of Education

School of Education

Dean: Dr. Faye Camahalan
 Campus Office: Hillside Hall 0020-C
 Telephone: (812) 941-2385
 Fax: (812) 941-2667
<https://www.ius.edu/education/>

Programs

Undergraduate Programs

- Elementary Education (Bachelor of Science in Education)
- Special Education (Bachelor of Science in Education)
- Secondary Education (Bachelor of Science in Education)

Minors

- English as a New Language/English as a Second Language
- Licensing Minor in Secondary Education

School Information

Education programs offered by Indiana University Southeast are approved by the Indiana Department of Education, Office of Education Licensing and Development and the National Council for Accreditation in Teacher Education.

- Confidentiality Statement
- Criminal History Check
- Mission
- Unit Performance Assessment
- Undergraduate Programs in Education
 - General Rules for All Undergraduate Programs
- Graduate Study in Education

Mission

The mission of the School of Education is to develop high-quality, caring professionals who are leaders in the continuous transformation of schools within a diverse society.

Confidentiality Statement

Following accreditation standards, all candidates enrolled in the IU Southeast School of Education are evaluated on a range of performance-based assessments and informed of progress towards completion of their selected programs. Samples of candidate work are collected and/or copied for program decision making and accreditation reviews. Candidate work, referred to as "intellectual property," will not be used for publication or presentation without the candidate's written consent. Candidate progress is assessed by contracted designees of the IU Southeast School of Education who could include, but are not limited to, paid and volunteer participants

such as full time and adjunct faculty, P-12 teachers and administrators. The School of Education is charged with maintaining the confidentiality of candidates.

Criminal History Check

Clearance through a criminal history check is required for clinical experiences, including student teaching and other off-campus experiences, as determined by the placement school system.

Sex Offenses

The IU Southeast Police Department, the vice chancellor for enrollment management & student affairs, and other university departments conduct presentations and distribute written materials to promote awareness of rape, acquaintance rape, and other sex offenses. All sex offenses should be reported immediately to the campus police (University Center 027, (812) 941-2400), local or state law enforcement officials, the vice chancellor for enrollment management & student affairs, or other appropriate university personnel.

Sex and Violent Offender Registry

Effective January 1, 2003, Zachary's Law requires sheriff departments to jointly establish and maintain the Indiana Sheriff's Sex Offender Registry to provide detailed information about individuals who register as sex or violent offenders at Indiana sheriff departments (in Marion County, the Indianapolis Police Department). The purpose of the registry is to inform the general public about the identity, location, and appearance of sex and violent offenders who live, work, and study in Indiana. The registry can be found at <http://www.indianasheriffs.org/>.

The state of Indiana also keeps a sex and violent offender directory. The directory can be found on the Internet at <http://www.icrimewatch.net/indiana.php>.

Due to our close proximity to the state of Kentucky, the Sex/Criminal Web site can be accessed through <http://kpsor.state.ky.us>. If you have any questions about these registries, please contact the IU Southeast Police Department at (812) 941-2400 or in person at University Center South, 027.

Unit Performance Assessment

Recognizing the importance of an organized and ongoing assessment of candidate achievement and program improvement, the School of Education has developed a unit assessment system. Knowledge, skills, and dispositions expected of candidates have been identified and are assessed at certain decision points in each program. Assessment allows the School of Education to make improvements in program structures, course content, and pedagogy. This assessment system also provides candidates with periodic indications of their performance relative to standards and allows the School of Education to evaluate their competencies.

Undergraduate Programs in Education

General Information

IU Southeast offers a Bachelor of Science degree that leads to an initial license for the State of Indiana and/or a Statement of Eligibility for Kentucky. Undergraduate programs include Secondary Education (Science, Math, Language Arts, and Social Studies), Elementary

Education, and Special Education (for "Mild Intervention/LBD").

Freshmen, beginning their studies in Fall 2010, and students who do not plan to finish their education degree program before August 31, 2013, will be required to complete an education degree program that complies with Rules for Educator Preparation and Accountability (REPA). See the School of Education website for more information on REPA and contact an advisor.

General Rules for All Undergraduate Programs

Transfer Credit

Although grades do not transfer and are not computed in a student's IU Southeast grade point average (GPA), the School of Education uses transfer grades to determine eligibility requirements, including the GPA for admission to teacher education. Transfer grades are also used to determine graduation and licensing eligibility in academic plans and areas.

Currency of Course Work

All courses listed in the Professional Education Block must be completed within a 10-year period before graduation. Area requirements outside of education must also be completed within a 10-year period unless a waiver is granted by the program's coordinator. Approval would be based on the significance of changes in the particular content area.

Variance from Requirements

Students requesting a variance from course or program requirements may petition for an exception. Exception forms are available in the School of Education. Students will receive written notification of the decision and appeals process.

Good Standing in Teacher Education

To remain in good standing in the Teacher Education Program, candidates in elementary, secondary, and special education must:

1. maintain an overall Indiana University GPA of 2.5 or higher for elementary and special education, 2.75 or higher for secondary education;
2. complete each professional education course with a grade of C (2.0) or higher, and if pursuing special education, earn no less than a grade of B- (2.7) in each special education course;
3. maintain a minimum overall GPA in professional education courses of 2.5 (or Satisfactory in courses graded as S/F) for elementary and special education and 2.75 (or Satisfactory in courses graded as S/F) for secondary education; and
4. maintain a minimum GPA of 2.5 for elementary and special education majors in content area blocks, 2.75 for secondary education in each licensing area with no grade less than C;
5. maintain compliance with IU Southeast School of Education dispositions.

Candidate program status is assessed through multiple means at various summative decision points in the program. Candidates not in good standing may be required to complete professional improvement plans prior to continuing in the program.

To Be Eligible for Degree

Candidates must pass all decision points within their respective programs and complete all campuswide requirements in order to be eligible for a bachelor's degree. Candidates in the Elementary Education, Special Education, and Secondary Education Programs must apply for the degree by October 1 for graduation in May, March 1 for August graduation, and June 1 for December graduation.

To Be Eligible for Licensure

Candidates are responsible for completing the necessary application processes for a teaching license. License applications cannot be forwarded to the state until all program and degree requirements are met. To be eligible for teacher licensure, all candidates must meet the following requirements:

- Candidates for IN educator certification must:
 - Have been accepted into and successfully completed their particular SOE degree/certification program;
 - Have earned state approved certification in both CPR/AED and 'suicide recognition and prevention';
 - Have earned state-prescribed passing scores on the state-determined content and pedagogy assessment(s) (see the licensing advisor for details on specific tests);
 - Apply and pay for the appropriate license; and
 - Be recommended for the license by the IU Southeast licensing advisor.
- KY certification is usually available after acquiring appropriate IN license; additional testing may be required - see the licensing advisor.

Elementary Education

Contact Information

Education Office: (812) 941-2385

Website: <https://www.ius.edu/education/>

Academics

Undergraduate Degrees

- Bachelor of Science - Elementary
- Bachelor of Science - Dual Major Elementary & Special Education

Program Information

- Application Process
- Program Admission Requirements
- Student Learning Goals
- Progression Requirements
- Special Note for Transfer Students

Elementary Education (Bachelor of Science in Education)

Degree Requirements (120 cr.)

- General Education Component (30 cr.)
- Additional Program Requirements (15 cr.)
- Concentration Requirement (15 cr.)
- Elementary Education Blocks (60 cr.)
- A minimum GPA of 2.5 is required.

- All courses are 3 credit hours, unless otherwise noted.

General Education (30 cr.)

All General Education courses must have a grade of C or better.

- COAS-S 104 First Year Seminar (1 cr.)
- SPCH-S 121 Public Speaking
- ENG-W 131 Reading, Writing, and Inquiry I
- ENG-W 250 Writing in Context
- MATH-T 101 Mathematics for Elementary Teachers I
- CHEM-C 104 Physical Sciences and Society (5 cr.)
- POLS-Y 103 Introduction to American Politics
- GEOG-G201 World Regional Geography
- Complete one of the following:
 - HIST-H 105 American History I
 - HIST-H 106 American History II
- Complete one of the following:
 - ENG-L 101 Ancient and Medieval World Literature
 - ENG-L 102 Modern World Literature

Additional Program Requirements (15 cr.)

All Additional Program Requirement courses must have a grade of C or better.

- MATH-T 102 Math for Elementary Teachers 2
- MATH-T 103 Math for Elementary Teachers 3
- BIOL-L 100 Humans and the Biological World
- GEOG-G 107 Physical Systems of the Environment
- Complete one of the following:
 - EDUC-F 200 Examining Self as Teacher
 - EDUC-F 201/202 Exploring the Personal Demands of Teaching w/field experience

Concentration Requirement (15 cr.)

All Elementary undergraduate education candidates must have a concentration in at least one of the following content areas: ENL/ESL, Language Arts, Mathematics, Social Studies, or Science to apply for a K-6 teaching license in Indiana. Students must earn at least a C in each concentration course and obtain a minimum GPA of 2.5 across all concentration courses, unless otherwise noted.

ENL/ESL Concentration

Adding the ENL/ESL license includes these additional requirements: Earning a grade of B or higher in all ENL coursework, completing student teaching in ENL, completing the elementary education license, and passing the state-mandated ENL content test.

- EDUC-L 239 Language and Learning
- EDUC-L 403 Assessment Literacy for Cultural and Linguistics Diversity
- EDUC-L 436 Methods and Materials for Teaching English as a Second Language
- EDUC-L 441 Bilingual Education: Introduction

- EDUC-X 470 Psycholinguistics for Teachers of Reading

Language Arts Concentration

- Complete two of the following:
 - ENG-G 205 Intro to the English Language
 - ENG-G 207 Grammar and Usage
 - ENG-W 270 Argumentative Writing
 - ENG-W 350 Advanced Expository Writing
- Complete two of the following:
 - AFRO-A 169 Intro to African American Literature
 - EDUC-E 449 Trade Books and the Teacher
 - ENG-L 101 Ancient and Medieval World Literature
 - ENG-L 102 Modern World Literature
 - ENG-L 107 Masterpieces of Asia
 - ENG-L 374 Ethnic American Literature
 - ENG-L 378 Studies in Women and Literature
- Elective

Mathematics Concentration

- MATH-M 118 Finite Mathematics
- MATH-M 122 College Algebra
- MATH-M 126 Trigonometric Functions
- MATH-K 300 Statistical Techniques for Health Professions
- Elective

Science Concentration

- BIOL-L 200 Environmental Biology
- PHYS-P 100 (5 cr.) Physics in the Modern World
- Complete one of the following:
 - AST-A 100 The Solar System
 - AST-A 105 Stars and Galaxies
 - AST-A 200 Introduction to Cosmology
- Elective (4 cr.)

Social Studies Concentration

- Complete the following history course that wasn't taken for the General Education Core
 - HIST-H 105 American History I
 - HIST-H 106 American History II
- Complete one of the following:
 - HIST-E 100 Issues in African History
 - HIST-F 100 Issues in Latin American History
 - HIST-G 100 Issues in Asian History
 - HIST-H 101 The World in the 20th Century I
 - HIST-W 101 World Civilizations to 1500
- Complete one of the following:
 - ECON-E 101 Survey of Economic Issues and Problems
 - ECON-E 201 Introduction to Microeconomics
- Complete one of the following:
 - SOC-R 220 The Family
 - SOC-S 163 Social Problems

- SOC-S 309 The Community
- Elective

Elementary Education Blocks (60 cr.)

Each education course must have B- or better, or a Satisfactory grade.

- Block 1
 - EDUC-E 339 Methods of Teaching Language Arts
 - EDUC-M 323 (2cr.) Teaching of Music in the Elementary Schools
 - EDUC-M 300 Teaching in a Pluralistic Society
 - EDUC-P 250 General Educational Psychology
 - EDUC-P 248 (2cr.) The Elementary School Child: Physical, Emotional & Social Development
 - EDUC-W 201 (1cr.) Beginning Technology Skills
 - EDUC-M 101 (1cr.) Laboratory/Filed Experience: Block 1 Practicum
 - EDUC-F 401 (1cr.) Topical Exploration in Education: Child as Learner Seminar
- Block 2
 - EDUC-E 340 Methods of Teaching Reading I
 - EDUC-E 325 Social Studies in the Elementary Schools
 - EDUC-E 343 Math in the Elementary Schools
 - EDUC-W 301 (1cr.) Integrating Technology into Teaching - Part I
 - EDUC-M 201 (1cr.) Laboratory/Filed Experience: Block 2 Practicum
 - EDUC-F 401 (1cr.) Topical Exploration in Education: Integration of Content
 - EDUC-K 205 (2cr.) Introduction to Exceptional Children
 - EDUC-M 333 (2cr.) Art Experiences for the Elementary Teacher
- Block 3
 - EDUC-E 341 Methods of Teaching Reading II
 - EDUC-E 328 Science in the Elementary Schools
 - EDUC-N 443 (2cr.) Teaching Elementary Mathematics Problem Solving
 - EDUC-P 320 Classroom Assessment
 - EDUC-M 356 (2cr.) Health and Wellness for Teachers
 - EDUC-W 401 (1cr.) Integrating Technology into Teaching - Part II
 - EDUC-M 301 (1cr.) Laboratory/Filed Experience: Block 3 Practicum
 - EDUC-F 401 (1cr.) Topical Exploration in Education: Intervention
- Block 4
 - EDUC-M 425 (11cr.) Student Teaching: Elementary
 - EDUC-F 401 (1cr.) Topical Exploration in Education: Literate Child Seminar

Secondary Education

Contact Information

Education Office: (812) 941-2385

Website: <https://www.ius.edu/education/>

Academics

Undergraduate Degrees

- Bachelor of Science

Minors

- Secondary Education Minor

Program Information

Secondary Education (Bachelor of Science in Education)

Program Description

The School of Education offers programs in secondary education leading to the B.S. in Education in secondary education (middle school, junior high, high school) with teaching majors in language arts, mathematics, science, and social studies. Candidates who have completed one of these teaching majors may also be licensed in chemistry, earth/space science, economics, French, geographical perspectives, German, government and citizenship, historical perspectives, journalism, language arts, life science, mathematics, physics, psychology, sociology, Spanish, and theatre arts.

Degree/Certificate Requirements for all Secondary Programs leading to B.S. in Education

Admission to the Secondary Education Program comes at Summative Decision Point I. The procedure provides the faculty with opportunities to exercise professional judgment on the suitability of the candidate for a teaching career. Admission to the Secondary Education Program is based on a number of factors designed to select high-quality, prospective teachers and is also limited to the number of students who can be effectively accommodated given the available resources. Admission to and good standing in the Secondary Education Program are required for enrolling in certain professional education courses. Degree completion is contingent upon students passing summative decision points. Information about decision points can be found on the program Web site.

Completion of the degree, passage of state mandated tests, CPR-Heimlich certification and Suicide Prevention Training are needed to apply for an Indiana teaching license. Other requirements for licensing might be added dependent on state requirements.

The following are the admission, continuation, and completion requirements for Language Arts, Math, Science, and Social Studies in Secondary Education.

To be admitted to the Secondary Education Program (SEP), candidates must meet all of the requirements for Summative Decision Point I as listed below:

1. have taken F200 and earned a grade of at least 2.0 (C) and have a grade-point-average in professional education courses of at least 2.75;
2. have taken the communications courses (i.e., W131, S121, G207, and W270, or W350 with no grade less

- than 2.0 (C) and a grade point-average of at least 2.75;
- have taken a mathematics course with a grade of at least 2.0 (C); MATH-M 114, M118 or higher;
 - have an overall grade-point-average of at least 2.75;
 - have at least a grade of 2.0 (C) in each course in the licensing area(s) and an overall average in each licensing area of at least 2.75;
 - have passed the Indiana CORE Academic Skills Assessment (CASA: 220 minimum score for each - Reading, Writing, and Math) or an approved alternative: 1) ACT average score of at least 24 based on Math, Reading, Grammar, and Science; 2) SAT average score of at least 1100 based on Critical Reading and Math; 3) acceptable GRE score based on Verbal and Quantitative (at least 1100 if taken prior to 8/1/11 or at least 301 if taken on or after 8/1/11); 4) an earned Master's degree; 5) passing scores on Praxis 1 earned prior to 8/31/13 (Reading, Writing, and Math, discontinued by IN on 8/31/13) will be honored as well as 6) a composite Praxis 1 score of at least 527 based on Reading, Writing, and Math if taken prior to 9/1/13. Candidates who have passed portions of Praxis 1 prior to 8/31/13, but not all three tests need only pass the part(s) of CASA not passed in Praxis 1;
 - have acceptable recommendations from the instructors and field experience teachers in F200; and
 - have submitted a completed application to the SEP with a copy of the CASA scores.

To be eligible to take the Educational Psychology Block 1 (i.e., P312/P313/M303/K200), candidates must meet the following requirements:

- be admitted to the SEP at IUS;
- have a grade of at least 2.0 (C) and a grade-point-average of at least 2.75 in the professional education coursework and in the coursework in all of their licensing areas;
- have taken or be concurrently enrolled in EDUC W200;
- have an overall grade-point-average of at least 2.75; and,
- be eligible for student teaching in the spring of the next academic year (i.e., have completed at least 50 credit hours that count toward the 120 credit hour requirement to take the block in the fall semester and at least 62 credit hours to take the block in the spring semester).

To be eligible to enroll in the General Methods/Reading Methods Block 2 (M301/M314/M464/K205), candidates must meet the Summative Decision Point II requirements. These requirements include:

- be admitted to the SEP at IUS;
- have completed EDUC M300 with a "C" or better;
- have a grade of at least 2.0 (C) and a grade-point-average of at least 2.75 in the professional education coursework and in the coursework in all of their licensing areas;
- have an overall grade-point-average of at least 2.75;
- be eligible to student teach in the spring semester following M301/M314/M464/F401;

- have an acceptable portfolio; and
- have acceptable recommendations from the instructors and field experience teachers in the P312/P313/M303/K200 block.

To be eligible to enroll in Specific Methods/Student Teaching Block 3 (M446/M480/K200), candidates must meet the following Summative Decision Point III requirements listed below:

- have passed the Praxis II Content Knowledge Test (based on the Indiana standards);
- have completed all of their general education requirements with appropriate grades;
- have completed at least 75% of the coursework in the major;
- be able to complete all requirements for their degree by the summer following student teaching;
- have acceptable recommendations from their M301/M314/M464/F401 instructors and field experience teachers;
- have an acceptable portfolio; and
- have a grade of at least 2.0 (C) and a grade point average of at least 2.75 in the professional education coursework and in the coursework in all of their licensing areas.

To be eligible to graduate, candidates must meet all of the requirements for Summative Decision Point IV as listed below:

- have completed and satisfactorily passed all coursework in professional education including Specific Methods and Student Teaching with no grade less than a 2.0 (C) and a GPA of at least 2.75;
- have completed all coursework in general education with appropriate grades;
- have completed all coursework in the major with no grade less than a 2.0 (C) and with a GPA of at least 2.75;
- have an overall gpa of at least 2.75;
- have an acceptable portfolio; and,
- have earned at least 120 semester hours (not counting developmental courses such as ENG W100, MATH M006, M007, etc. and repeated courses).

Kentucky does not currently grant a license for physical science majors, nor does it grant licenses for content area minors.

Education (Bachelor of Science: Secondary Language Arts)

General Education Component:

Information Literacy

- COAS-S 104 First Year Seminar (1 cr. hrs.)
 - minimum grade D

Written Communications

- ENG-W 131 Elementary Composition (3 cr. hrs.)
 - minimum grade C

One of the Following:

- ENG-W 270 Argumentative Writing (3 cr. hrs.)

- minimum grade C
- ENG-W 350 Advanced Expository Writing (3 cr. hrs.)
- minimum grade C

Speaking and Listening

- SPCH-S 121 Public Speaking (3 cr. hrs.)

- minimum grade C

Humanistic and Artistic Ways of Knowing

One of the Following:

- FINA-H 100 Introduction to Art History and Visual Culture (3 cr. hrs.)
 - minimum grade D
- MUS-M 174 Music for the Listener (3 cr. hrs.)
 - minimum grade D
- THTR-T 105 Appreciation of Theatre (3 cr. hrs.)
 - minimum grade D
- THTR-T 120 Acting (3 cr. hrs.)
 - minimum grade D
- HUMA-U 101 Introduction to Humanities (3 cr. hrs.)
 - minimum grade D

Reasoning About Ethical Issues or Diversity

One of the Following:

- PHIL-P 100 Introduction to Philosophy (3 cr. hrs.)
 - minimum grade D
- PHIL-P 140 Introduction to Ethics (3 cr. hrs.)
 - minimum grade D
- PHIL-P 145 Introduction to Social and Political Philosophy (3 cr. hrs.)
 - minimum grade D
- PHIL-P 200 Problems with Philosophy (3 cr. hrs.)
 - minimum grade D
- ENG-L 295 American Film Culture (3 cr. hrs.)
 - minimum grade D

Quantitative Reasoning

One of the following:

- MATH-M 114 Quantitative Literacy II (3 cr. hrs.)
 - minimum grade C
- MATH-M 118 Finite Mathematics (3 cr. hrs.)
 - minimum grade C
- MATH-M 119 Brief Survey Calculus I (3 cr. hrs.)
 - minimum grade C
- MATH-M 122 College Algebra (3 cr. hrs.)
 - minimum grade C

- MATH-M 125 Pre-calculus Mathematics (3 cr. hrs.)

- minimum grade C

- MATH-M 215 Calculus (5 cr. hrs.)

- minimum grade C

Scientific Ways of Knowing

One of the following:

- BIOL-L 100 Humans and the Biological World (5 cr. hrs.)
 - minimum grade D
- BIOL-L 101 Introduction to Biological Sciences (5 cr. hrs.)
 - minimum grade D
- CHEM-C 101/121 Elementary Chemistry and Laboratory (3/2 cr. hrs.)
 - minimum grade D
- CHEM-C 105/125 Principles of Chemistry I/Experimental Chemistry I (3/2 cr. hrs.)
 - minimum grade D
- GEOL-G 100 General Geology (5 cr. hrs.)
 - minimum grade D
- PHYS-P 100 Physics in the Modern World (5 cr. hrs.)
 - minimum grade D
- PHYS-P 201 General Physics: Mechanics, Heat, and Sound (5 cr. hrs.)
 - minimum grade D
- PHYS-P 221 Physics I (5 cr. hrs.)
 - minimum grade D

Social and Behavioral Ways of Knowing

One of the following:

- POLS-Y 103 Introduction to American Politics (3 cr. hrs.)
 - minimum grade D
- POLS-Y 107 Introduction to Comparative Politics (3 cr. hrs.)
 - minimum grade D
- POLS-Y 109 Introduction to International Relations (3 cr. hrs.)
 - minimum grade D

Additional Requirement

One of the following:

- ENG-L 101 Western World Masterpieces I (3 cr. hrs.)
 - minimum grade C
- ENG-L 102 Western World Masterpieces II (3 cr. hrs.)
 - minimum grade C
- HUMA-U 101 Introduction to Humanities (3 cr. hrs.)
 - minimum grade C
- HUMA-U 102 Introduction to Modern Humanities (3 cr. hrs.)

- minimum grade C

Program Requirement

- ENG-G207 English Grammar and Usage (3 cr. hrs.)
 - minimum grade C

Professional Education Component

- EDUC-F 200 Examining Self as Teacher (3 cr. hrs.)
 - minimum grade C
- EDUC-W 200 Using Computers in Education (3 cr. hrs.)
 - minimum grade C
- EDUC-M 300 Teaching in a Pluralistic Society (3 cr. hrs.)
 - minimum grade C

First Block

- EDUC-K 200 Introductory Practicum in Special Education (1 cr. hrs.)
 - minimum grade S
- EDUC-P 312 Learning : Theory into Practice (3 cr. hrs.)
 - minimum grade C
- EDUC-P 313 Adolescents in a Learning Community (2 cr. hrs.)
 - minimum grade C
- EDUC-M 303 Lab/Field Experience: Junior High/Middle School (0 cr. hrs.)
 - minimum grade S
- EDUC-X 490 Research in Reading (English Majors Only) (3 cr. hrs.)
 - minimum grade C

Second Block

- EDUC-M 314 General Methods for Senior High/Junior High/Middle School Teachers (3 cr. hrs.)
 - minimum grade C
- EDUC-M 301 Laboratory/Field Experience (0 cr. hrs.)
 - minimum grade S
- EDUC-M 464 Methods of Teaching Senior High/Junior High/Middle School Reading (3 cr. hrs.)
 - minimum grade C
- EDUC-M 452 Methods of Teaching Senior High/Junior High/Middle School English (3 cr. hrs.)
 - minimum grade C

Third Block

- EDUC-F 401 Topical Explorations in Education (0 cr. hrs.)
 - minimum grade C
- EDUC-M 480 Student Teaching in the Secondary School (12 cr. hrs.)
 - minimum grade S

Language Arts Specific Requirements

- ENG-L 101 Western World Masterpieces I (3 cr. hrs.)
 - minimum grade C
- ENG-L 102 Western World Masterpieces II (3 cr. hrs.)
 - minimum grade C
- ENG-L 371 Critical Practices (3 cr. hrs.)
 - minimum grade C
- JOUR-C 200 Introduction to Mass Communication (3 cr. hrs.)
 - minimum grade C
- ENG-G 205 Introduction to the English Language (3 cr. hrs.)
 - minimum grade C
- SPCH-S 325 Voice and Diction (3 cr. hrs.)
 - minimum grade C
- ENG-W 203 Creative Writing (3 cr. hrs.)
 - minimum grade C
- ENG-W 270 Argumentative Writing (3 cr. hrs.)
 - minimum grade C
- ENG-W 350 Advanced Expository Writing (3 cr. hrs.)
 - minimum grade C

Select two courses from the following

- ENG-L 297 English Literature to 1600 (3 cr. hrs.)
 - minimum grade C
- ENG-L 298 English Literature from 1600 to 1830 (3 cr. hrs.)
 - minimum grade C
- ENG-L 299 English Literature since 1830 (3 cr. hrs.)
 - minimum grade C

Select two courses from the following

- ENG-L 351 American Literature to 1865 (3 cr. hrs.)
 - minimum grade C
- ENG-L 352 American Literature, 1865-1914 (3 cr. hrs.)
 - minimum grade C
- ENG-L 354 American Literature since 1914 (3 cr. hrs.)
 - minimum grade C

Select one of the following

- ENG-L 313 Early Plays of Shakespeare (3 cr. hrs.)
 - minimum grade C
- ENG-L 314 Late Plays of Shakespeare (3 cr. hrs.)
 - minimum grade C

Elective Requirements

Electives as needed to meet the 120 hour requirement (repeated and developmental courses do not count toward the 120 semester hour total).

Education (Bachelor of Science: Secondary Mathematics)

General Education Component:

Information Literacy

- COAS-S 104 First Year Seminar (1 cr. hrs.)

- minimum grade D

Written Communications

- ENG-W 131 Elementary Composition (3 cr. hrs.)

- minimum grade C

One of the Following:

- ENG-W 234 Technical Report Writing (3 cr. hrs.)

- minimum grade C

- ENG-W 270 Argumentative Writing (3 cr. hrs.)

- minimum grade C

- ENG-W 290 Writing in the Arts and Sciences (3 cr. hrs.)

- minimum grade C

- ENG-W 350 Advanced Expository Writing (3 cr. hrs.)

- minimum grade C

Speaking and Listening

- SPCH-S 121 Public Speaking (3 cr. hrs.)

- minimum grade C

Humanistic and Artistic Ways of Knowing

One of Following:

- FINA-H 100 Introduction to Art History and Visual Culture (3 cr. hrs.)

- minimum grade D

- MUS-M 174 Music for the Listener (3 cr. hrs.)

- minimum grade D

- THTR-T 105 Appreciation of Theatre (3 cr. hrs.)

- minimum grade D

- THTR-T 120 Acting (3 cr. hrs.)

- minimum grade D

- HUMA-U 101 Introduction to Humanities (3 cr. hrs.)

- minimum grade D

Reasoning About Ethical Issues or Diversity

One of the Following:

- PHIL-P 100 Introduction to Philosophy (3 cr. hrs.)

- minimum grade D

- PHIL-P 140 Introduction to Ethics (3 cr. hrs.)

- minimum grade D

- PHIL-P 145 Introduction to Social and Political Philosophy (3 cr. hrs.)

- minimum grade D

- PHIL-P 200 Problems with Philosophy (3 cr. hrs.)

- minimum grade D

Quantitative Reasoning

One of the following:

- MATH-M 118 Finite Mathematics (3 cr. hrs.)

- minimum grade C

- MATH-M 125 Pre-calculus Mathematics (3 cr. hrs.)

- minimum grade C

- MATH-M 215 Calculus (5 cr. hrs.)

- minimum grade C

Scientific Ways of Knowing

One of the following:

- BIOL-L 100 Humans and the Biological World (5 cr. hrs.)

- minimum grade D

- BIOL-L 101 Introduction to Biological Sciences (5 cr. hrs.)

- minimum grade D

- CHEM-C 101/121 Elementary Chemistry and Laboratory (3/2 cr. hrs.)

- minimum grade D

- CHEM-C 105/125 Principles of Chemistry I/Experimental Chemistry I (3/2 cr. hrs.)

- minimum grade D

- GEOL-G 100 General Geology (5 cr. hrs.)

- minimum grade D

- PHYS-P 100 Physics in the Modern World (5 cr. hrs.)

- minimum grade D

- PHYS-P 201 General Physics: Mechanics, Heat, and Sound (5 cr. hrs.)

- minimum grade D

- PHYS-P 221 Physics I (5 cr. hrs.)

- minimum grade D

Social and Behavioral Ways of Knowing

One of the following:

- POLS-Y 103 Introduction to American Politics (3 cr. hrs.)

- minimum grade D

- POLS-Y 107 Introduction to Comparative Politics (3 cr. hrs.)

- minimum grade D

- POLS-Y 109 Introduction to International Relations (3 cr. hrs.)

- minimum grade D

Additional Requirement

One of the following:

- HIST-H 101 The World in the 20th Century (3 cr. hrs.)
 - minimum grade D
- HIST-H 103 Europe: Renaissance to Napoleon (3 cr. hrs.)
 - minimum grade D
- HIST-H 104 Europe: Napoleon to Present (3 cr. hrs.)
 - minimum grade D
- HIST-H 105 American History I (3 cr. hrs.)
 - minimum grade D
- HIST-H 106 American History II (3 cr. hrs.)
 - minimum grade D
- HIST-E 100 Issues in African History (3 cr. hrs.)
 - minimum grade D
- HIST-F 100 Issues in Latin American History (3 cr. hrs.)
 - minimum grade D
- HIST-G 100 Introduction to Asian History (3 cr. hrs.)
 - minimum grade D
- HIST-H 207 Modern East Asian Civilization (3 cr. hrs.)
 - minimum grade D

Program Requirement

- ENG-G207 English Grammar and Usage (3 cr. hrs.)
 - minimum grade C

Professional Education Component

- EDUC-F 200 Examining Self as a Teacher (3 cr. hrs.)
 - minimum grade C
- EDUC-W 200 Using Computers in Education (3 cr. hrs.)
 - minimum grade C
- EDUC-M 300 Teaching in a Pluralistic Society (3 cr. hrs.)
 - minimum grade C

First Block

- EDUC-K 200 Introductory Practicum in Special Education (1 cr. hrs.)
 - minimum grade S
- EDUC-P 312 Learning : Theory into Practice (3 cr. hrs.)
 - minimum grade C
- EDUC-P 313 Adolescents in a Learning Community (2 cr. hrs.)
 - minimum grade C
- EDUC-M 303 Lab/Field Experience: Junior High/Middle School (0 cr. hrs.)
 - minimum grade S

- minimum grade S

Second Block

- EDUC-M 314 General Methods for Senior High/Junior High/Middle School Teachers (3 cr. hrs.)
 - minimum grade C
- EDUC-M 301 Laboratory/Field Experience (0 cr. hrs.)
 - minimum grade S
- EDUC-M 464 Methods of Teaching Senior High/Junior High/Middle School Reading (3 cr. hrs.)
 - minimum grade C
- EDUC-M 457 Methods of Teaching Senior High/Junior High/Middle School Mathematics (3 cr. hrs.)
 - minimum grade C

Third Block

- EDUC-F 401 Topical Explorations in Education (0 cr. hrs.)
 - minimum grade S
- EDUC-M 480 Student Teaching in the Secondary School (12 cr. hrs.)
 - minimum grade S

Mathematics Specific Requirements

- CSCI-C 201 Computer Programming II (4 cr. hrs.)
 - minimum grade C
- MATH-M 118 Finite Mathematics (3 cr. hrs.)
 - minimum grade C
- MATH-M 125 Precalculus Mathematics (3 cr. hrs.)
 - minimum grade C
- MATH-M 126 Trigonometric Functions (3 cr. hrs.)
 - minimum grade C
- MATH-M 215 Calculus I (5 cr. hrs.)
 - minimum grade C
- MATH-M 216 Calculus II (5 cr. hrs.)
 - minimum grade C
- MATH-M 303 Linear Algebra for Undergraduates (3 cr. hrs.)
 - minimum grade C
- MATH-M 311 Calculus III (3 cr. hrs.)
 - minimum grade C
- MATH-M 360 Elements of Probability (3 cr. hrs.)
 - minimum grade C
- MATH-M 366 Elements of Statistical Inference (3 cr. hrs.)
 - minimum grade C
- MATH-M 380 History of Mathematics (3 cr. hrs.)

- minimum grade C
- MATH-M 391 Introduction to Mathematical Reasoning (3 cr. hrs.)
 - minimum grade C
- MATH-M 436 Introduction to Geometrics (3 cr. hrs.)
 - minimum grade C
- MATH-M and 403 Introduction to Modern Algebra 1 (3 cr. hrs.)
 - minimum grade C
- MATH-M and 413 Introduction to Analysis 1 (3 cr. hrs.)
 - minimum grade C

Elective Requirements

Electives as needed to meet the 120 hour requirement (repeated and developmental courses do not count toward the 120 semester hour total).

Education (Bachelor of Science: Secondary Science)

General Education Component

Information Literacy

- COAS-S 104 First Year Seminar (1 cr. hrs.)
 - minimum grade D

Written Communications

- ENG-W 131 Elementary Composition (3 cr. hrs.)
 - minimum grade C

One of the Following:

- ENG-W 234 Technical Report Writing (3 cr. hrs.)
 - minimum grade C
- ENG-W 270 Argumentative Writing (3 cr. hrs.)
 - minimum grade C
- ENG-W 290 Writing in the Arts and Sciences (3 cr. hrs.)
 - minimum grade C
- ENG-W 350 Advanced Expository Writing (3 cr. hrs.)
 - minimum grade C

Speaking and Listening

- SPCH-S 121 Public Speaking (3 cr. hrs.)
 - minimum grade C

Humanistic and Artistic Ways of Knowing

One of the Following:

- FINA-H 100 Introduction to Art History and Visual Culture (3 cr. hrs.)
 - minimum grade D
- MUS-M 174 Music for the Listener (3 cr. hrs.)
 - minimum grade D
- THTR-T 105 Appreciation of Theatre (3 cr. hrs.)

- minimum grade D

- THTR-T 120 Acting (3 cr. hrs.)

- minimum grade D

- HUMA-U 101 Introduction to Humanities (3 cr. hrs.)

- minimum grade D

Reasoning About Ethical Issues or Diversity

One of the Following:

- PHIL-P 100 Introduction to Philosophy (3 cr. hrs.)
 - minimum grade D
- PHIL-P 140 Introduction to Ethics (3 cr. hrs.)
 - minimum grade D

- PHIL-P 145 Introduction to Social and Political Philosophy (3 cr. hrs.)
 - minimum grade D

- PHIL-P 200 Problems with Philosophy (3 cr. hrs.)
 - minimum grade D

- ENG-L 295 American Film Culture (3 cr. hrs.)
 - minimum grade D

Quantitative Reasoning

Requirement based on concentration

Chemistry concentration - One of the following:

- MATH-M 122 College Algebra (3 cr. hrs.)
 - minimum grade C
- MATH-M 125 Pre-calculus Mathematics (3 cr. hrs.)
 - minimum grade C
- MATH-M 215 Calculus I (5 cr. hrs.)
 - minimum grade C

Earth Space Science concentration - One of the following:

- MATH-M 114 Quantitative Literacy II (3 cr. hrs.)
 - minimum grade C
- MATH-M 118 Finite Mathematics (3 cr. hrs.)
 - minimum grade C
- MATH-M 119 Brief Survey Calculus I (3 cr. hrs.)
 - minimum grade C
- MATH-M 122 College Algebra (3 cr. hrs.)
 - minimum grade C
- MATH-M 125 Pre-calculus Mathematics (3 cr. hrs.)
 - minimum grade C
- MATH-M 215 Calculus I (5 cr. hrs.)
 - minimum grade C

Life Science concentration - One of the following:

- MATH-M 122 College Algebra (3 cr. hrs.)
 - minimum grade C
- MATH-M 125 Pre-calculus Mathematics (3 cr. hrs.)
 - minimum grade C
- MATH-M 215 Calculus I (5 cr. hrs.)
 - minimum grade C

Physical Science concentration - Both of the following:

- MATH-M 125 Pre-calculus Mathematics (3 cr. hrs.)
 - minimum grade C
- MATH-M126 Trigonometric Functions (3 cr. hrs.)
 - minimum grade C

Scientific Ways of Knowing

Requirement based on concentration

Chemistry concentration - One of the following:

- BIOL-L 101 Introduction to Biological Sciences (5 cr. hrs.)
 - minimum grade C
- CHEM-C 105/125 Principles of Chemistry I/ Experimental Chemistry I (3/2 cr. hrs.)
 - minimum grade C
- PHYS-P 201 General Physics: Mechanics, Heat, and Sound (5 cr. hrs.)
 - minimum grade C
- PHYS-P 221 Physics I (5 cr. hrs.)
 - minimum grade C

Earth Space Science concentration - One of the following:

- BIOL-L 100 Humans and the Biological World (5 cr. hrs.)
 - minimum grade C
- BIOL-L 101 Introduction to Biological Sciences (5 cr. hrs.)
 - minimum grade C
- CHEM-C 101/121 Elementary Chemistry and Laboratory (3/2 cr. hrs.)
 - minimum grade C
- CHEM-C 105/125 Principles of Chemistry I/Experimental Chemistry I (3/2 cr. hrs.)
 - minimum grade C
- GEOL-G 100 General Geology (5 cr. hrs.)
 - minimum grade C
- PHYS-P 100 Physics in the Modern World (5 cr. hrs.)
 - minimum grade C
- PHYS-P 201 General Physics 1 (5 cr. hrs.)
 - minimum grade C
- PHYS-P 221 Physics I (5 cr. hrs.)
 - minimum grade C

- minimum grade C

Life Science concentration - One of the following:

- BIOL-L 101 Introduction to Biological Sciences (5 cr. hrs.)
 - minimum grade C
- CHEM-C 105/125 Principles of Chemistry I/ Experimental Chemistry I (3/2 cr. hrs.)
 - minimum grade C

Physical Science concentration - One of the following:

- BIOL-L 100 Humans and the Biological World (3 cr. hrs.)
 - minimum grade C
- BIOL-L 200 Environmental Biology and Conservation (3 cr. hrs.)
 - minimum grade C

Social and Behavioral Ways of Knowing

One of the following:

- POLS-Y 103 Introduction to American Politics (3 cr. hrs.)
 - minimum grade D
- POLS-Y 107 Introduction to Comparative Politics (3 cr. hrs.)
 - minimum grade D
- POLS-Y 109 Introduction to International Relations (3 cr. hrs.)
 - minimum grade D

Additional Requirement

One of the following:

- HIST-H 101 The World in the 20th Century (3 cr. hrs.)
 - minimum grade C
- HIST-H 103 Europe: Renaissance to Napoleon (3 cr. hrs.)
 - minimum grade C
- HIST-H 104 Europe: Napoleon to Present (3 cr. hrs.)
 - minimum grade C
- HIST-H 105 American History I (3 cr. hrs.)
 - minimum grade C
- HIST-H 106 American History II (3 cr. hrs.)
 - minimum grade C
- HIST-E 100 Issues in African History (3 cr. hrs.)
 - minimum grade C
- HIST-F 100 Issues in Latin American History (3 cr. hrs.)
 - minimum grade C
- HIST-G 100 Introduction to Asian History (3 cr. hrs.)
 - minimum grade C
- HIST-H 207 Modern East Asian Civilization (3 cr. hrs.)
 - minimum grade C

Program Requirement

- ENG-G207 English Grammar and Usage (3 cr. hrs.)
 - minimum grade C

Professional Education Component

- EDUC-F 200 Examining Self as a Teacher (3 cr. hrs.)
 - minimum grade C
- EDUC-W 200 Using Computers in Education (3 cr. hrs.)
 - minimum grade C
- EDUC-M 300 Teaching in a Pluralistic Society (3 cr. hrs.)
 - minimum grade C

First Block

- EDUC-K 200 Introductory Practicum in Special Education (1 cr. hrs.)
 - minimum grade S
- EDUC-P 312 Learning : Theory into Practice (3 cr. hrs.)
 - minimum grade C
- EDUC-P 313 Adolescents in a Learning Community (2 cr. hrs.)
 - minimum grade C
- EDUC-M 303 Lab/Field Experience: Junior High/Middle School (0 cr. hrs.)
 - minimum grade S

Second Block

- EDUC-M 314 General Methods for Senior High/Junior High/Middle School Teachers (3 cr. hrs.)
 - minimum grade C
- EDUC-M 301 Laboratory/Field Experience (0 cr. hrs.)
 - minimum grade S
- EDUC-M 464 Methods of Teaching Senior High/Junior High/Middle School Reading (3 cr. hrs.)
 - minimum grade C
- EDUC-M 446 Methods of Teaching Senior High/Junior High/Middle School Science (3 cr. hrs.)
 - minimum grade C

Third Block

- EDUC-F 401 Topical Explorations in Education (0 cr. hrs.)
 - minimum grade S
- EDUC-M 480 Student Teaching in the Secondary School (12 cr. hrs.)
 - minimum grade S

Secondary Education-Science majors complete additional course work, based on their chosen area of concentration.

Chemistry Concentration

- BIOL-L 101 Introduction to Biological Sciences I (5 cr. hrs.)
 - minimum grade C

- CHEM-C 105/125 Principles of Chemistry I/Experimental Chemistry I (3/2 cr. hrs.)
 - minimum grade C/C
- CHEM-C 106/126 Principles of Chemistry II/Experimental Chemistry II (3/2 cr. hrs.)
 - minimum grade C/C
- CHEM-C 302 Chemistry Seminar 2 (1 cr. hrs.)
 - minimum grade C
- CHEM-C 341/343 Organic Chemistry I and Laboratory (3/2 cr. hrs.)
 - minimum grade C/C
- CHEM-C 342/344 Organic Chemistry II and Laboratory (3/2 cr. hrs.)
 - minimum grade C/C
- CHEM-C 484/486 Biomolecules and Catabolism/Laboratory (3/2 cr. hrs.)
 - minimum grade C
- CHEM-C 485 Biosynthesis and Physiology (3 cr. hrs.)
 - minimum grade C
- EDUC-Q 450 Science, Technology and Society (STS) for a Changing World (3 cr. hrs.)
 - minimum grade C

One of the following:

- MATH-M 122 College Algebra (3 cr. hrs.)
 - minimum grade C
- MATH-M 125 Pre-calculus Mathematics (3 cr. hrs.)
 - minimum grade C
- MATH-M215 Calculus I (5 cr. hrs.)
 - minimum grade C

One of the following:

- PHYS-P 201 General Physics: Mechanics, Heat, and Sound (5 cr. hrs.)
 - minimum grade C
- PHYS-P 221 Physics I (5 cr. hrs.)
 - minimum grade C

One of the following:

- PHYS-P 202 General Physics 2 (5 cr. hrs.)
 - minimum grade C
- PHYS-P 222 Physics 2 (5 cr. hrs.)
 - minimum grade C

Take two courses (6 credits):

- CHEM-C 315 Chemical Measurements Lab I (3 cr. hrs.)
 - minimum grade C
- CHEM-C 317 Equilibria and Electrochemistry (3 cr. hrs.)
 - minimum grade C

- CHEM-C 318 Spectrochemistry and Separations (3 cr. hrs.)
 - minimum grade C
- CHEM-C 361 Physical Chemistry of Bulk Matter (3 cr. hrs.)
 - minimum grade C
- CHEM-C 362 Physical Chemistry of Molecules (3 cr. hrs.)
 - minimum grade C
- CHEM-C 364 Introduction to Basic Measurement (3 cr. hrs.)
 - minimum grade C
- CHEM-C 430 Inorganic Chemistry (3 cr. hrs.)
 - minimum grade C
- CHEM-C 490 Individual Study (1-6 cr. hrs.)
 - minimum grade C

Elective Requirements

Electives as needed to meet the 120 hour requirement (repeated and developmental courses do not count toward the 120 semester hour total).

Earth-Space Concentration

- Biology Requirement - one of the following: (3 cr. hrs.)
 - minimum grade
- BIOL-L 100 Humans and the Biological World (3 cr. hrs.)
 - minimum grade C
- BIOL-L 200 Environmental Biology and Conservation (3 cr. hrs.)
 - minimum grade C

Chemistry Requirement - one of the following

- CHEM-C 101/121 Elementary Chemistry I and Lab (3/2 cr. hrs.)
 - minimum grade C/C
- CHEM-C 105/125 Principles of Chemistry I/Experimental Chemistry I (3/2 cr. hrs.)
 - minimum grade C/C

Physics Requirement - one of the following

- PHYS-P 100 Physics in the Modern World (5 cr. hrs.)
 - minimum grade C
- PHYS-P 201 General Physics: Mechanics, Heat, and Sound (5 cr. hrs.)
 - minimum grade C

Geology/Geography Requirement

- GEOL-G 100 General Geology (5 cr. hrs.)
 - minimum grade C
- GEOL-G 180 Dinosaurs (3 cr. hrs.)
 - minimum grade C

- GEOL-G 210 Oceanography(3 cr. hrs.)
 - minimum grade C
- Geology Electives 300-400 Level (9 cr. hrs.)
 - minimum grade C
- GEOG-G 304 Physical Climatology (3 cr. hrs.)
 - minimum grade C

Two of the following (GEO-G 6 credit hours)

- GEOG-G 308 Natural/Human-Induced Disasters (3 cr. hrs.)
 - minimum grade C
- GEOG-G 314 Urban Geography (3 cr. hrs.)
 - minimum grade C
- GEOG-G 315 Environmental Conservation (3 cr. hrs.)
 - minimum grade C
- GEOG-G 333 Introductory Cartography (3 cr. hrs.)
 - minimum grade C
- GEOG-G 338 Geographic Information Science (3 cr. hrs.)
 - minimum grade C
- GEOG-G 404 Geography of Soils (3 cr. hrs.)
 - minimum grade C

- GEOG-G 432 Current Issues in Environmental Conservation (3 cr. hrs.)
 - minimum grade C
- GEOG-G 435 Cartography and Graphics (3 cr. hrs.)
 - minimum grade C
- GEOG-G 438 Advanced Geographic Information Systems (3 cr. hrs.)
 - minimum grade C
- GEOG-G 439 GIS and Environmental Analysis (3 cr. hrs.)
 - minimum grade C
- EDUC-Q 490 Research in Science Education (3 cr. hrs.)
 - minimum grade C

Astronomy Requirement

- AST-A 100 The Solar System; and (3 cr. hrs.)
 - minimum grade C
- AST-A 105 Stars and Galaxies; OR (3 cr. hrs.)
 - minimum grade C
- AST-A 200 Introduction to Cosmology (3 cr. hrs.)
 - minimum grade C

Additional Requirement

- EDUC-Q 450 Science, Technology and Society (STS) for a Changing World (3 cr. hrs.)

- minimum grade C

Elective Requirements

Electives as needed to meet the 120 hour requirement (repeated and developmental courses do not count toward the 120 semester hour total).

Life Science Concentration

- One of the following (5 credit hours) (cr. hrs.)
 - minimum grade
- CHEM-C 105/125 Principles of Chemistry I/Experimental Chemistry I (3/2 cr. hrs.)
 - minimum grade C/C
- CHEM-C 101/121 Elementary Chemistry I/Elementary Chemistry Lab I (3/2 cr. hrs.)
 - minimum grade C/C
- One of the following (5 credit hours) (cr. hrs.)
 - minimum grade
- CHEM-C 106/126 Principles of Chemistry II/ Experimental Chemistry II (3/2 cr. hrs.)
 - minimum grade C/C
- CHEM-C 102/122 Elementary Chemistry II/Elementary Chemistry Lab II (3/2 cr. hrs.)
 - minimum grade C/C
- Biology Requirements (cr. hrs.)
 - minimum grade
- BIOL-L 101 Introduction to Biological Sciences I (5 cr. hrs.)
 - minimum grade C
- BIOL-L 102 Introduction to Biological Sciences II (5 cr. hrs.)
 - minimum grade C
- BIOL-L 211 Molecular Biology (3 cr. hrs.)
 - minimum grade C
- BIOL-L 311/319 Genetics and Genetics Laboratory (3/3 cr. hrs.)
 - minimum grade C/C
- BIOL-L 312 Cell Biology (3 cr. hrs.)
 - minimum grade C
- BIOL-L 318 Evolution (5 cr. hrs.)
 - minimum grade C
- BIOL-L 403 Biology Seminar (1 cr. hrs.)
 - minimum grade C
- EDUC-Q 450 Science, Technology and Society (STS) for a Changing World (3 cr. hrs.)
 - minimum grade C

- One of the following (5 credit hours) (cr. hrs.)
 - minimum grade
- BIOL-L 473/474 Ecology and Ecology Laboratory (3/2 cr. hrs.)
 - minimum grade C/C
- BIOL-L 303/490 Field Biology/Individual Study (3/2 cr. hrs.)
 - minimum grade C/C

One of the following (5 credit hours)

- PLSC-B 373 Plant Growth and Development (5 cr. hrs.)
 - minimum grade C
- BIOL-L/-Z 317/318 Developmental Biology + Lab (3/2 cr. hrs.)
 - minimum grade C/C
- PLSC-B 375 Horticultural Plants: Biotechnology, Physiology and Development (5 cr. hrs.)
 - minimum grade C
- PLSC- B 364 Summer Flowering Plants (5 cr. hrs.)
 - minimum grade C

One of the following (5 credit hours)

- PHSL-P 416/418 Comparative Animal Physiology and Laboratory (3/2 cr. hrs.)
 - minimum grade C/C
- PLSC-B 370 Plant Physiology Lecture and Lab (5 cr. hrs.)
 - minimum grade C
- PHSL-P 215 Basic Human Physiology (5 cr. hrs.)
 - minimum grade C

One of the following (5 credit hrs)

One of the following:

- MATH-M 122 College Algebra(3 cr. hrs.)
 - minimum grade C
- MATH-M 125 Pre-calculus Mathematics (3 cr. hrs.)
 - minimum grade C
- MATH-M 215 Calculus I (5 cr. hrs.)
 - minimum grade C

Elective Requirements

Electives as needed to meet the 120 hour requirement (repeated and developmental courses do not count toward the 120 semester hour total).

Physical Science Concentration

- CHEM-C 105/125 Principles of Chemistry I/Experimental Chemistry I (3/2 cr. hrs.)
 - minimum grade C/C
- CHEM-C 106/126 Principles of Chemistry II/ Experimental Chemistry II (3/2 cr. hrs.)

- minimum grade C/C
- CHEM-C 341/343 Organic Chemistry I and Laboratory (3/2 cr. hrs.)
 - minimum grade C/C
- CHEM-C 342 Organic Chemistry II (3 cr. hrs.)
 - minimum grade C

One of the following:

- AST-A 100 The Solar System (3 cr. hrs.)
 - minimum grade C
- AST-A 200 Introduction to Cosmology (3 cr. hrs.)
 - minimum grade C

One of the following:

- PHYS-P 201 General Physics: Mechanics, Heat, and Sound (5 cr. hrs.)
 - minimum grade C
- PHYS-P 221 Physics I (5 cr. hrs.)
 - minimum grade C

One of the following:

- PHYS-P 202 General Physics: Electricity, Magnetism, Light, and Nuclear Physics (5 cr. hrs.)
 - minimum grade C
- PHYS-P 222 Physics 2 (5 cr. hrs.)
 - minimum grade C
- One of the Following: (3 cr. hrs.)
 - minimum grade
- PHYS-P 301 Physics 3 (3 cr. hrs.)
 - minimum grade C

- PHYS-P 310 Environmental Physics (3 cr. hrs.)
 - minimum grade C

Additional Requirements

- EDUC-Q 213 Earth and Environmental Teaching Methods (3 cr. hrs.)
 - minimum grade C
- PHYS-P 310 Environmental Physics (3 cr. hrs.)
 - minimum grade C
- GEOL-G 100 General Geology (5 cr. hrs.)
 - minimum grade C
- GEOG-G 304 Physical Climatology (3 cr. hrs.)
 - minimum grade C
- EDUC-Q 450 Science, Technology and Society (STS) for a Changing World (3 cr. hrs.)
 - minimum grade C
- EDUC-Q 490 Research in Science Education (2 cr. hrs.)

- minimum grade C

Elective Requirements

Electives as needed to meet the 120 hour requirement (repeated and developmental courses do not count toward the 120 semester hour total).

Education (Bachelor of Science: Secondary Social Studies)

General Education Component

Information Literacy

- COAS-S 104 First Year Seminar (1 cr. hrs.)
 - minimum grade D

Written Communications

- ENG-W 131 Elementary Composition (3 cr. hrs.)
 - minimum grade C

One of the Following:

- ENG-W 270 Argumentative Writing (3 cr. hrs.)
 - minimum grade C
- ENG-W 290 Writing in the Arts and Sciences (3 cr. hrs.)
 - minimum grade C
- ENG-W 350 Advanced Expository Writing (3 cr. hrs.)
 - minimum grade C

Speaking and Listening

- SPCH-S 121 Public Speaking (3 cr. hrs.)
 - minimum grade C

Humanistic and Artistic Ways of Knowing

One of Following:

- FINA-H 100 Introduction to Art History and Visual Culture (3 cr. hrs.)
 - minimum grade D
- MUS-M 174 Music for the Listener (3 cr. hrs.)
 - minimum grade D
- THTR-T 105 Appreciation of Theatre (3 cr. hrs.)
 - minimum grade D
- THTR-T 120 Acting (3 cr. hrs.)
 - minimum grade D
- HUMA-U 101 Introduction to Humanities (3 cr. hrs.)
 - minimum grade D

Reasoning About Ethical Issues or Diversity

One of the Following:

- PHIL-P 100 Introduction to Philosophy (3 cr. hrs.)
 - minimum grade D
- PHIL-P 140 Introduction to Ethics (3 cr. hrs.)

- minimum grade D
- PHIL-P 145 Introduction to Social and Political Philosophy (3 cr. hrs.)
 - minimum grade D
- PHIL-P 200 Problems with Philosophy (3 cr. hrs.)
 - minimum grade D
- Quantitative Reasoning
One of the following:
- MATH-M 114 Quantitative Literacy II (3 cr. hrs.)
 - minimum grade C
- MATH-M 118 Finite Mathematics (3 cr. hrs.)
 - minimum grade C
- MATH-M 119 Brief Survey Calculus I (3 cr. hrs.)
 - minimum grade C
- MATH-M 125 Pre-calculus Mathematics (3 cr. hrs.)
 - minimum grade C
- MATH-M 215 Calculus I (5 cr. hrs.)
 - minimum grade C
- Scientific Ways of Knowing
One of the following:
- BIOL-L 100 Humans and the Biological World (5 cr. hrs.)
 - minimum grade D
- BIOL-L 101 Introduction to Biological Sciences (5 cr. hrs.)
 - minimum grade D
- CHEM-C 101/121 Elementary Chemistry and Laboratory (3/2 cr. hrs.)
 - minimum grade D
- CHEM-C 105/125 Principles of Chemistry I/Experimental Chemistry I (3/2 cr. hrs.)
 - minimum grade D
- GEOL-G 100 General Geology (5 cr. hrs.)
 - minimum grade D
- PHYS-P 100 Physics in the Modern World (5 cr. hrs.)
 - minimum grade D
- PHYS-P 201 General Physics: Mechanics, Heat, and Sound (5 cr. hrs.)
 - minimum grade D
- PHYS-P 221 Physics I (5 cr. hrs.)
 - minimum grade D
- Social and Behavioral Ways of Knowing
One of the following:
- POLS-Y 103 Introduction to American Politics (3 cr. hrs.)
 - minimum grade D

Additional Requirement

One of the following:

- HIST-H 101 The World in the 20th Century (3 cr. hrs.)
 - minimum grade D
- HIST-H 105 American History I (3 cr. hrs.)
 - minimum grade D
- HIST-H 106 American History II (3 cr. hrs.)
 - minimum grade D

Program Requirement

- ENG-G207 English Grammar and Usage (3 cr. hrs.)
 - minimum grade C

Professional Education Component:

- EDUC-F 200 Examining Self as a Teacher (3 cr. hrs.)
 - minimum grade C
- EDUC-W 200 Using Computers in Education (3 cr. hrs.)
 - minimum grade C
- EDUC-M 300 Teaching in a Pluralistic Society (3 cr. hrs.)
 - minimum grade C

First Block

- EDUC-K 200 Introductory Practicum in Special Education (1 cr. hrs.)
 - minimum grade S
- EDUC-P 312 Learning : Theory into Practice (3 cr. hrs.)
 - minimum grade C
- EDUC-P 313 Adolescents in a Learning Community (2 cr. hrs.)
 - minimum grade C
- EDUC-M 303 Lab/Field Experience: Junior High/Middle School (0 cr. hrs.)
 - minimum grade S

Second Block

- EDUC-M 314 General Methods for Senior High/Junior High/Middle School Teachers (3 cr. hrs.)
 - minimum grade C
- EDUC-M 301 Laboratory/Field Experience (0 cr. hrs.)
 - minimum grade S
- EDUC-M 464 Methods of Teaching Senior High/Junior High/Middle School Reading (3 cr. hrs.)
 - minimum grade C
- EDUC-M 441 Methods of Teaching Senior High/Junior High/Middle School Social Studies (3 cr. hrs.)
 - minimum grade C

Third Block

- EDUC-F 401 Topical Exploration in Education (0 cr. hrs.)
 - minimum grade S

- EDUC-M 480 Student Teaching in the Secondary School (12 cr. hrs.)
 - minimum grade S

Social Studies Specific Requirements

Historical Perspective

- HIST-W 101 World Civilizations to 1500 (3 cr. hrs.)
 - minimum grade C
- HIST-H 101 The World in the 20th Century (3 cr. hrs.)
 - minimum grade C
- HIST-H 105 American History I (3 cr. hrs.)
 - minimum grade C
- HIST-H 106 American History II (3 cr. hrs.)
 - minimum grade C

One of the following (3 hours)

- HIST-H 103 Europe: Renaissance to Napoleon (3 cr. hrs.)
 - minimum grade C
- HIST-H 104 Europe: Napoleon to the Present (3 cr. hrs.)
 - minimum grade C
- HIST-E 100 Introduction to African History (3 cr. hrs.)
 - minimum grade C
- HIST-F 100 Issues in Latin American History (3 cr. hrs.)
 - minimum grade C
- HIST-G 100 Introduction to Asian History (3 cr. hrs.)
 - minimum grade C

One of the following (3 hours)

- HIST-A 301 Colonial America, 1500-1763 (3 cr. hrs.)
 - minimum grade C
- HIST-A 302 Revolutionary America, 1763-1791 (3 cr. hrs.)
 - minimum grade C
- HIST-A 303 United States 1792-1829 (3 cr. hrs.)
 - minimum grade C
- HIST-A 304 United States 1830-1865 (3 cr. hrs.)
 - minimum grade C

One of the following (3 hours)

- HIST-A 307 American Cultural History (3 cr. hrs.)
 - minimum grade C
- HIST-A 313 Origins of Modern America 1865-1917 (3 cr. hrs.)
 - minimum grade C
- HIST-A 314 Recent United States History I (3 cr. hrs.)
 - minimum grade C

- minimum grade C
- HIST-A 315 Recent United States History II (3 cr. hrs.)
 - minimum grade C
- HIST-A 317 American Social History, 1865-Present (3 cr. hrs.)
 - minimum grade C

Diversified Social Studies

- PSY-P 101 Introduction to Psychology I (3 cr. hrs.)
 - minimum grade C
- GEOG-G 201 World Regional Geography (3 cr. hrs.)
 - minimum grade C
- ANTH-E 105 Culture and Society (3 cr. hrs.)
 - minimum grade C
- ECON-E 101 Survey of Economic Issues & Problems (3 cr. hrs.)
 - minimum grade C
- EDUC-Q 450 Science, Technology, and Society in a Changing World (3 cr. hrs.)
 - minimum grade C

Choose and complete two of the following concentrations:

Geographical Perspectives

- GEOG-G 107 Physical Systems of the Environment (3 cr. hrs.)
 - minimum grade C
- GEOG-G 110 Introduction to Human Geography (3 cr. hrs.)
 - minimum grade C

One of the following:

- GEOG-G 213 Introduction to Economic Geography (3 cr. hrs.)
 - minimum grade C
- GEOG-G 308 Disasters: Natural/Human-Induced (3 cr. hrs.)
 - minimum grade C
- GEOG-G 323 Geography of Latin America (3 cr. hrs.)
 - minimum grade C
- GEOG-G 326 Geography of North America (3 cr. hrs.)
 - minimum grade C
- GEOG-G 425 Africa: Contemporary Geographic Problems (3 cr. hrs.)
 - minimum grade C
- GEOG-G 432 Current Issues in Environmental Conservation (3 cr. hrs.)
 - minimum grade C

Government and Citizenship

One of the following (3 hours)

- POLS-Y 105 Introduction to Political Theory (3 cr. hrs.)
 - minimum grade C
- POLS-Y 384 Developments in American Political Thought (3 cr. hrs.)
 - minimum grade C
- POLS-Y 392 Problems of Contemporary Political Philosophy (3 cr. hrs.)
 - minimum grade C

One of the following (3 hours)

- POLS-Y 107 Introduction to Comparative Politics (3 cr. hrs.)
 - minimum grade C
- POLS-Y 335 West European Politics (3 cr. hrs.)
 - minimum grade C
- POLS-Y 337 Latin American Politics (3 cr. hrs.)
 - minimum grade C
- POLS-Y 369 Introduction to East Asian Politics (3 cr. hrs.)
 - minimum grade C

One of the following (3 hours)

- POLS-Y 109 Introduction to International Relations (3 cr. hrs.)
 - minimum grade C
- POLS-Y 360 United States Foreign Policy (3 cr. hrs.)
 - minimum grade C
- POLS-Y 376 International Political Economy (3 cr. hrs.)
 - minimum grade C

Economics

- ECON-E 201 Introduction to Microeconomics (3 cr. hrs.)
 - minimum grade C
- ECON-E 202 Introduction to Macroeconomics (3 cr. hrs.)
 - minimum grade C
- Electives(cr. hrs.)
 - minimum grade
- ECON 300-400 Level (3 cr. hrs.)
 - minimum grade C

Psychology

- PSY-P 102 Introductory Psychology II (3 cr. hrs.)
 - minimum grade C

One of the following (3 hours)

- PSY-P 325 The Psychology of Learning (3 cr. hrs.)
 - minimum grade C

- PSY-P 326 Behavioral Neuroscience (3 cr. hrs.)
 - minimum grade C

- PSY-P 329 Sensation and Perception (3 cr. hrs.)
 - minimum grade C

- PSY-P 335 Cognitive Psychology (3 cr. hrs.)
 - minimum grade C

- PSY-P 407 Drugs and the Nervous System (3 cr. hrs.)
 - minimum grade C

- PSY-P 411 Neural Bases of Learning and Memory (3 cr. hrs.)
 - minimum grade C

- PSY-P 417 Animal Behavior (3 cr. hrs.)
 - minimum grade C

One of the following (3 hours)

- PSY-B 310 Life Span Development (3 cr. hrs.)
 - minimum grade C

- PSY-B 354 Adult Development and Aging (3 cr. hrs.)
 - minimum grade C

- PSY-P 319 Psychology of Personality (3 cr. hrs.)
 - minimum grade C

- PSY-P 320 Social Psychology (3 cr. hrs.)
 - minimum grade C

- PSY-B 378 Introduction to Industrial Psychology (3 cr. hrs.)
 - minimum grade C

- PSY-B 386 Introduction to Counseling (3 cr. hrs.)
 - minimum grade C

- PSY-P 324 Abnormal Psychology (3 cr. hrs.)
 - minimum grade C

- PSY-P 336 Psychological Tests and Individual Differences (3 cr. hrs.)
 - minimum grade C

- PSY-P 430 Behavior Modification (3 cr. hrs.)
 - minimum grade C

Sociology

- SOC-R 220 The Family (3 cr. hrs.)
 - minimum grade C

One of the following:

- SOC-S 320 Deviant Behavior and Social Control (3 cr. hrs.)
 - minimum grade C

- SOC-S 329 Women and Deviance (3 cr. hrs.)
 - minimum grade C
- SOC-S 420 Advanced Topics in Deviance (3 cr. hrs.)
 - minimum grade C
- SOC-R 327 Sociology of Death and Dying (3 cr. hrs.)
 - minimum grade C
- SOC-S 312 Education and Society (3 cr. hrs.)
 - minimum grade C
- SOC-S 315 Work and Occupations (3 cr. hrs.)
 - minimum grade C

One of the following:

- SOC-S 441 Topics in Social Theory (3 cr. hrs.)
 - minimum grade C
- SOC-S 447 Theories of Social Change (3 cr. hrs.)
 - minimum grade C

Elective Requirements

Electives as needed to meet the 120 hour requirement (repeated and developmental courses do not count toward the 120 semester hour total).

Licensing Minor in Secondary Education

Program Description

The Education Minor is for Secondary Education Teaching only (junior high, middle, and high school). Students will be required to complete 33 hours in the professional education blocks. The Education Minor is open to majors that Indiana University Southeast School of Education has state approval to grant degrees. This program allows undergraduate students to complete a teaching licensure program with a major in a related program in which the state offers a content exam for teachers and in an area that the Indiana University Southeast School of Education is approved to offer. Interested students must meet the secondary admission requirements for acceptance to the Secondary Teacher Education Program (as described below). All individuals desiring to teach in Indiana must complete and pass the Indiana Core Assessment Exam to be eligible for a teaching license.

To be admitted to the Secondary Education Program (SEP), candidates must meet all the requirements for Summative Decision Point I as listed below:

1. have taken EDUC-M300 and earned a grade of at least 2.0 (C);
2. have an overall grade-point-average of at least 2.75;
3. have at least a grade of 2.0 (C) in each course in the licensing area(s) and an overall average in each licensing area of at least 2.75;
4. have passing scores on the CASA or other Indiana approved alternatives (ACT/SAT);

5. have positive recommendations from the M300 instructor or equivalent diversity course instructor.

6. have submitted a completed application to the SEP with a copy of the official CASA or Indiana Approved Alternative test scores.

To be eligible to take the Education Psychology Block (i.e., P312/P313/M303/K200) candidates must meet the following requirements:

1. be admitted to the SEP at IUS;
2. have a grade of at least 2.0 (C) in M300 and in all coursework in all teaching licensing areas with a grade-point-average of at least 2.75;
3. have an overall grade-point-average of at least 2.75; and
4. be eligible for student teaching in the spring of the next academic year.

To be eligible to enroll in the General Methods/Reading Methods Block 2 candidates must meet the Summative Decision Point II requirements. These requirements include:

1. have a grade of at least 2.0 (C) and a grade-point-average of at least 2.75 in the professional education coursework and in the coursework in all licensing areas;
2. have an overall grade-point average of at least 2.75;
3. be eligible to student teach in the Spring semester following Block II (F401/M301/M314/M464); and
4. have acceptable recommendations from the instructors and field experience teachers in the Block I (K200/P312/P313/M303)

To be eligible to enroll in the Specific Methods and Student Teaching Block 3 candidates must meet the following Summative Decision Point III requirements in addition to maintaining the grades and grade-point-averages listed above:

1. have successfully completed at least 75% of the coursework in their major;
2. be able to complete all requirements for their degree by the summer following student teaching;
3. have acceptable recommendations from their Block II (M301/M314/M464/F401) instructors and field experience teachers

To be eligible to apply for a teaching license, candidates must meet all of the requirements for Summative Decision Point IV listed below:

1. have completed and satisfactorily passed all coursework in professional education including specific methods and student teaching with no grade less than a 2.0 (C) and a grade-point-average of at least 2.75;
2. have completed all coursework in the major with no grade less than a 2.0 (C) and with a grade-point-average of at least 2.75;
3. have an overall grade-point-average of at least 2.75;
4. have obtained their degree with a major in the appropriate content area for being licensed to teach.

To be eligible for licensure, candidates must:

1. complete all requirements for all Decision Points above; and
2. have passed the Praxis II Content Knowledge Test (prior to 5/31/2014 or the Indiana Content Knowledge Assessment for specified content area (based on the Indiana standards).

+*Professional Education (33)

- EDUC-W 200 Using Computers in Education (3 cr. hrs.)
 - minimum grade C
- EDUC-M 300 Teaching in a Pluralistic Society (3 cr. hrs.)
 - minimum grade C

Candidates must be admitted to the Secondary Education Program to enroll in any of the professional education blocks below (passing scores for all Praxis I tests, prior to 5/31/2014 or CASA or other state approved alternatives based on Indiana Required Standards)

First Block

- EDUC-K 200 Introductory Practicum in Special Education (must take section offered with Sec. Ed. Minor Program Coordinator) (1 cr. hrs.)
 - minimum grade S
- EDUC-P 312 Learning : Theory into Practice (3 cr. hrs.)
 - minimum grade C
- EDUC-P 313 Adolescents in a Learning Community (2 cr. hrs.)
 - minimum grade C
- EDUC-M 303 Lab/Field Experience: Junior High/Middle School (0 cr. hrs.)
 - minimum grade S

Second Block (last Fall semester)

- EDUC-F 401 Topical Explorations in Education (1 cr. hrs.)
 - minimum grade S
- EDUC-M 314 (Fall Only) General Methods for Senior High/Junior High/Middle School Teachers (3 cr. hrs.)
 - minimum grade C
- EDUC-M 301 Laboratory/Field Experience (1 cr. hrs.)
 - minimum grade S
- EDUC-M 464 Methods of Teaching Senior High/Junior High/Middle School Reading (3 cr. hrs.)
 - minimum grade C

Third Block

- EDUC-F 401 Topical Exploration in Education (0 cr. hrs.)
 - minimum grade S
- EDUC-M or EDUC-M or EDUC-M or EDUC-M or EDUC-S 441 446 452 457 490 Methods of Teaching Senior/Junior High Content (3 cr. hrs.)
 - minimum grade C
- EDUC-M 480 Student Teaching in Secondary Schools (10 cr. hrs.)

- minimum grade S

Special Education**Contact Information**

Education Office: (812) 941-2385

Website: <https://www.ius.edu/education/>

Academics**Undergraduate Degrees**

- Bachelor of Science - Special Education
- Bachelor of Science - Dual Major Elementary & Special Education

Program Information

- Program Description
- Student Learning Goals
- Program Structure
- Degree/Certificate Requirements
- Degree Program Admission Requirements
- Performance Level Requirements

Special Education (Bachelor of Science in Education)

Course work leading to the B.S. in Special Education has two components:

1. **General Education** - These requirements meet the campus-wide general education requirements.
2. **Professional and Pedagogical Studies** - Students complete courses and experiences leading to successful demonstration of what special educators need to know and be able to do.

General Education Component

Careful selection and completion of 30 credit hours of courses may allow double counting within General Education and requirements for the Special Education major. Courses within General Education marked with (M) or an approved alternative can be counted for the major and General Education.

Information Literacy/FYS (1 cr.)

- COAS-S 104 First Year Seminar (1 cr. hrs.)

- minimum grade D

Written Communication (6 crs.)

- ENG-W 131 Elementary Composition (M) (3 cr. hrs.)

- minimum grade C

One of the following:

- ENG-W 234 Technical Report Writing (3 cr. hrs.)

- minimum grade C

- ENG-W 250 Writing in Context (3 cr. hrs.)

- minimum grade C

- ENG-W 270 Argumentative Writing (3 cr. hrs.)

- minimum grade C

- ENG-W 290 Writing in Arts & Sciences (M) (cr. hrs.)

- minimum grade
- Speaking & Listening (3 crs.)
- SPCH-S 121 Public Speaking (M) (3 cr. hrs.)
 - minimum grade C
- Quantitative Reasoning (3 crs.)
- MATH-T101 Mathematics for Elementary Teachers I (M) (3 cr. hrs.)
 - minimum grade C
- Scientific Ways of Knowing (5 crs. with lab)
- BIOL-L100 Humans and the Biological World OR (5 cr. hrs.)
 - minimum grade C
- CHEM-C101/121 Elementary Chemistry + Lab OR (3/2 cr. hrs.)
 - minimum grade C
- CHEM-C104 Physical Science & Society (M) (5 cr. hrs.)
 - minimum grade C
- Social & Behavioral Ways of Knowing (6 crs.)
- One of the following:
- POLS-Y 103 Introduction to American Politics (3 cr. hrs.)
 - minimum grade C
- POLS-Y 107 Introduction to Comparative Politics (3 cr. hrs.)
 - minimum grade C
- POLS-Y 109 Introduction to International Relations (M) (3 cr. hrs.)
 - minimum grade C
- One of the following:
- HIST-H 105 American History I (3 cr. hrs.)
 - minimum grade C
- HIST-H 106 American History II (3 cr. hrs.)
 - minimum grade C
- GEOG-G 110 Introduction to Human Geography (M) (3 cr. hrs.)
 - minimum grade C
- (NOTE: Cannot use G110 & G201; only 1 allowed)
- Humanistic & Artistic Ways of Knowing (3 crs.)
- One of the following:
- FINA-F 100 Fundamental Studio (3 cr. hrs.)
 - minimum grade C
- FINA-H 100 Introduction to Art History and Visual Culture (3 cr. hrs.)
 - minimum grade C
- FINA-N 110 Introduction to Studio Art for Non Majors (3 cr. hrs.)
 - minimum grade C
- MUS-E 241 Introduction to Music Fundamentals (3 cr. hrs.)
 - minimum grade C
- MUS-M 174 Music for the Listener (3 cr. hrs.)

- minimum grade C
- THTR-T 105 Theatre Appreciation (3 cr. hrs.)
 - minimum grade C
- THTR-T 120 Acting (3 cr. hrs.)
 - minimum grade C
- Reasoning About Ethical Issues or Diversity (3 crs.)
- One of the following:
- SOC-S 163 Social Problems (3 cr. hrs.)
 - minimum grade C
- GEOG-G 201 World Regional Geography* (3 cr. hrs.)
 - minimum grade C
- *(NOTE: Cannot use G110 & G201; only 1 allowed)
- Program Requirements**
- MATH-T 102 Mathematics for Elementary Teachers II (3 cr. hrs.)
 - minimum grade C
- MATH-T 103 Mathematics for Elementary Teachers III (3 cr. hrs.)
 - minimum grade C
- One of the following (Different Discipline than used for Scientific Ways of Knowing):
- BIOL-L 100 Humans & the Biological World (3 cr. hrs.)
 - minimum grade C
- CHEM-C 101 Elementary Chemistry (3 cr. hrs.)
 - minimum grade C
- AST-A 100 The Solar System (3 cr. hrs.)
 - minimum grade C
- GEOG-G 107 Physical Systems of the Environment (3 cr. hrs.)
 - minimum grade C
- One of the following:
- PHIL-P 100 Introduction to Philosophy (3 cr. hrs.)
 - minimum grade C
- PHIL-P 140 Introduction to Ethics (3 cr. hrs.)
 - minimum grade C
- One of the following:
- ENG-L101 Western World Masterpieces I (3 cr. hrs.)
 - minimum grade C
- ENG-L102 Western World Masterpieces II (3 cr. hrs.)
 - minimum grade C
- ENG-L104 Introduction to Fiction (3 cr. hrs.)
 - minimum grade C
- ENG-L106 Introduction to Poetry (3 cr. hrs.)

- minimum grade C
- HUMA-U101 Introduction to Humanities (3 cr. hrs.)
 - minimum grade C
- HUMA-U102 Introduction to Modern Humanities (3 cr. hrs.)
 - minimum grade C

Major Requirements

- Exploration & Technology Area (6 credit hours) (cr. hrs.)
- EDUC-F 200 Examining Self as Teacher (3 cr. hrs.)
 - minimum grade B-
- EDUC-W 200 Using Computers in Education (3 cr. hrs.)
 - minimum grade B-
- Block 1 Child as Learner (17 credit hours) (cr. hrs.)
- EDUC-K 339 Methods of Teaching Language Arts (3 cr. hrs.)
 - minimum grade B-
- EDUC-P 250 General Educational Psychology (3 cr. hrs.)
 - minimum grade B-
- EDUC-K 205 Introduction to Exceptional Children (2 cr. hrs.)
 - minimum grade B-
- EDUC-K 200 Introductory Practicum in Special Education (2 cr. hrs.)
 - minimum grade S
- EDUC-M 101 Elementary Education Block 1 Clinical (1 cr. hrs.)
 - minimum grade S
- EDUC-F 401 Child as Learner Seminar 1 (0 cr. hrs.)
 - minimum grade S
- EDUC-M 300 Teaching in a Pluralistic Society (3 cr. hrs.)
 - minimum grade B-
- EDUC-K 490 Research in Special Education Topic: TBI (3 cr. hrs.)
 - minimum grade B-
- Block 2 The Literate Child (16 credit hours) (cr. hrs.)
- EDUC-K 370 Introduction to Language and Learning Disorders (3 cr. hrs.)
 - minimum grade B-
- EDUC-E 325 Social Studies in the Elementary School (3 cr. hrs.)
 - minimum grade B-
- EDUC-E 343 Mathematics in the Elementary School (3 cr. hrs.)
 - minimum grade B-
- EDUC-K 490 Research in Special Education Topic: Autism Spectrum Disorder (2 cr. hrs.)
 - minimum grade B-
- EDUC-K 495 Lab/Field Experience in Special Education VT: Block 2 (2 cr. hrs.)
 - minimum grade S
- And 1 of the following: (cr. hrs.)
- EDUC-K 344 Education of the Socially & Emotionally Disturbed 2 (3 cr. hrs.)
 - minimum grade B-
- EDUC-K 345 Academic and Behavioral Assessment of the Mildly Handicapped Child (3 cr. hrs.)
 - minimum grade B-
- Block 3 Specific Methods (15 credit hours) (cr. hrs.)
- EDUC-E 341 Methods of Teaching Reading II (3 cr. hrs.)
 - minimum grade B-
- EDUC-E 328 Science in the Elementary Schools (3 cr. hrs.)
 - minimum grade B-
- EDUC-N 443 Teaching Elem. School Math Problem Solving (2 cr. hrs.)
 - minimum grade B-
- EDUC-K 495 Lab/Field Experience in Special Education VT: Block 3 (2 cr. hrs.)
 - minimum grade B-
- EDUC-P 313 Adolescents in a Learning Community (2 cr. hrs.)
 - minimum grade B-
- And 1 of the following: (cr. hrs.)
- EDUC-K 345 Academic and Behavioral Assessment of the Mildly Handicapped Child (3 cr. hrs.)
 - minimum grade B-
- EDUC-K 344 Education of the Socially & Emotionally Disturbed 2 (3 cr. hrs.)
 - minimum grade B-
- Summer Block (6 credit hours)
 - EDUC-K 453 Management of Academic and Social Behavior (3 cr. hrs.)
 - minimum grade B-
 - EDUC-K 352 Education of Students with Learning Disorders (3 cr. hrs.)
 - minimum grade B-
- Block 4 Student Teaching (12 credit hours) (cr. hrs.)
- EDUC-K 480 Student Teaching in Special Education (9 cr. hrs.)
 - minimum grade S
- EDUC-K 362 (3 cr. hrs.)
 - minimum grade B-

Electives

Complete enough open electives as needed to reach the minimum 120 credit hour requirement.

Minor in English as a New Language/ English as a Second Language

The ENL/ESL Minor prepares students of any major with the skills needed to meet the growing demand for ENL/ESL teachers in Indiana, Kentucky and the world. You do not have to speak another language to teach English. The minor provides students with an understanding of:

- Components of language and principles of language acquisition and development
- Culture as a component of effective instruction
- Issues related to equitable and appropriate content and language assessment for language learners
- Individual differentiation options for all students—not just language learners

Dept.	Course Number	Course Name	Credit Hours	Minimum Grade
EDUC-L	436	Methods and Materials for Teaching ESL	3	B
EDUC-X	470	Socio-Psycholinguistics Application to Reading Instruction	3	B
EDUC-L	441	Issues in Bilingual Education	3	B
EDUC-L	403	Assessment Literacy for Cultural and Linguist Diversity	3	B

For Education Majors, the minor can lead to a teaching license in addition to their main licensing area with the addition of EDUC-L 239, completion of a portion of their clinical practice semester in a setting with ENL/ESL students, and passing the state licensure exam.

Graduate Study in Education

The School of Education at Indiana University Southeast offers Master of Science degrees in Education with majors in Elementary Education, Secondary Education, and Counseling. The Candidates in the Master of Science degree in Elementary or Secondary Education may choose to add an area to their license: Reading, Gifted and Talented, Technology (Computer Education) and English as a Second Language. In addition, the School offers graduate certification (licensure) programs in Reading, certain areas of Special Education, Gifted and Talented Technology (Computer Education), English as a Second Language, and Educational Leadership

(Building Level Administrator). These programs may also be used as concentrations to the Rank 1. We offer a substantial number of graduate-level courses applicable to license renewal, master's plus programs, professional development credit, or certification programs. The Master of Science Degree in Elementary or Secondary Education is designed for those holding a valid teaching license. The Master of Science Degree in Counseling is designed for those holding a valid teaching license as well as those who do not hold a teaching license but wish to become school counselors.

Find information on the School of Education web site regarding the following:

Degrees and Programs

Licensing Information

Admissions for Non-Degree-Seeking Applicants

Financial Aid

Graduate Advising at IU Southeast

Elementary Education Program Information

Program Description

The IU Southeast School of Education offers an Elementary Education program (EEP) leading to the B.S. in Elementary Education. It prepares candidates for the Indiana teaching license for Elementary Generalist (Kindergarten through Grade 6), and Kentucky teaching license for Elementary School (Primary through Grade 5). Candidates who pursue a major in Elementary Education are prepared to teach effectively in language arts, mathematics, science, and social studies.

There are 120 credit hours in the EEP, including the following four components:

1. General Education Courses—These courses meet the campus-wide general education requirements.
2. Pre-Elementary Education Courses—These courses prepare students to take elementary education courses.
3. Concentration Courses - These courses prepare students to master content knowledge.
4. Elementary Education Courses - These courses prepare students to teach in elementary schools.

Application Process

All candidates applying for admission to the elementary education undergraduate program must complete the application for admission. Applications must be submitted to the School of Education main office (HH00200) by December 1 for spring semester cohort and by August 1 for fall semester cohort. Applicants will receive formal letters notifying of their admission status.

Program Admission Requirements

To apply for admission to the Elementary Education undergraduate program, students must meet the following criteria:

1. An overall GPA 2.5 or better.

2. A GPA 2.5 or better in each Content area (Language Arts, Math, Social Studies, Science).
3. All General Education courses (except COAS-S 104), Pre-Elementary Education courses, and Concentration courses must have C or better.
4. Completed SPCH-S 121, MATH-T 101, EDUC-F 201, EDUC-F 202.
5. Completed Language Arts content courses (ENG-W 131, ENG-W 250, ENG-L 101 or ENG-L 102).
6. Including current enrollment, candidates have at least 55 credit hours towards their General Education courses, Pre-Elementary Education courses, and Concentration courses.
7. Have a 24 on the ACT (without writing) or 1100 on the SAT (without writing) or Praxis I scores of Math 175, Reading 176, and Writing 172 or a combined score of 527 (taken prior to August 31, 2013) or CASA scores of Math 220, Reading 220, and Writing 220.

Student Learning Goals

Candidates majoring in elementary education are expected to be professionals at all times and demonstrate a commitment to the development of the whole child. Content and pedagogical knowledge expected of candidates is articulated through the INTASC standards. These standards are:

1. Standard #1: Learner Development. The teacher understands how learners grow and develop, recognizing that patterns of learning and development vary individually within and across the cognitive, linguistic, social, emotional, and physical areas, and designs and implements developmentally appropriate and challenging learning experiences.
2. Standard #2: Learning Differences. The teacher uses understanding of individual differences and diverse cultures and communities to ensure inclusive learning environments that enable each learner to meet high standards.
3. Standard #3: Learning Environments. The teacher works with others to create environments that support individual and collaborative learning, and that encourage positive social interaction, active engagement in learning, and self-motivation.
4. Standard #4: Content Knowledge. The teacher understands the central concepts, tools of inquiry, and structures of the discipline(s) he or she teaches and creates learning experiences that make the discipline accessible and meaningful for learners to assure mastery of the content.
5. Standard #5: Application of Content. The teacher understands how to connect concepts and use differing perspectives to engage learners in critical thinking, creativity, and collaborative problem solving related to authentic local and global issues.
6. Standard #6: Assessment. The teacher understands and uses multiple methods of assessment to engage learners in their own growth, to monitor learner progress, and to guide the teacher's and learner's decision making.
7. Standard #7: Planning for Instruction. The teacher plans instruction that supports every student in meeting rigorous learning goals by drawing upon knowledge of content areas, curriculum, cross-disciplinary skills, and pedagogy, as well as knowledge of learners and the community context.
8. Standard #8: Instructional Strategies. The teacher understands and uses a variety of instructional strategies to encourage learners to develop deep understanding of content areas and their connections, and to build skills to apply knowledge in meaningful ways.
9. Standard #9: Professional Learning and Ethical Practice. The teacher engages in ongoing professional learning and uses evidence to continually evaluate his/her practice, particularly the effects of his/her choices and actions on others (learners, families, other professionals, and the community), and adapts practice to meet the needs of each learner.
10. Standard #10: Leadership and Collaboration. The teacher seeks appropriate leadership roles and opportunities to take responsibility for student learning, to collaborate with learners, families, colleagues, other school professionals, and community members to ensure learner growth, and to advance the profession.

Progression Requirements

Applicants will be accepted into the Elementary Undergraduate Program in cohorts and will progress through the program together. Candidates who do not move through subsequent method blocks with their original cohort may only enter a later cohort if space permits.

For a bachelor's degree in elementary education, students must satisfy all general rules for undergraduate education programs, rules for admission to the program, requirements for remaining in good standing, criteria for admission to student teaching, and eligibility for a degree described in the undergraduate general information section of the "School of Education" portion of this bulletin.

Degree completion is contingent upon students passing four summative decision points. The first decision point is at application. The second decision point is at the beginning of block 2 of the program. The third is application to student teach. The fourth decision point is at the end of student teaching and degree completion. At each summative decision point, candidates are formally evaluated on specific criteria and a decision is made regarding each student's status in the program. A candidate's continuation status may be reevaluated at points other than summative decision points if significant difficulties are noted.

1. An overall GPA 2.5 or better.
2. Each Elementary Education course must have C or better and a Satisfactory grade.
3. To complete each block and graduate from the program, students must have passed the dispositional standards, summative decision points, and exit interviews.
4. To begin Block 2, students must have completed all courses in Block 1, Social Studies content courses (POLS-Y 103, HIST-H 105 or HIST-H 106, GEOG-G 201), and Math content courses (MATH-T 102, MATH-T 103).

5. To begin Block 3, students must have completed all courses in Block 2, and Science content courses (CHEM-C 104, BIOL-L 100, GEOG-G 107).
6. To begin Block 4, students must have completed all course work.
7. Students who student teach in Spring are required to complete an 8-day classroom experience at the beginning of the elementary school year in Fall.

Special Note for Transfer Students

If you are a student who have completed the State General Education Transfer Core, you must still have to complete the following courses if they are not a part of your General Education curriculum because they are also required for admission to the Elementary Education program. Each course must have C or better.

1. SPCH-S121
2. ENG-W131
3. 2ⁿ Writing Course
4. MATH-T101
5. CHEM-C104
6. POLS-Y103
7. HIST-H105 or HIST-H106
8. ENG-L101 or ENG-L102
9. GEOG-G201

Special Education Program Information

Program Description

Candidates for the Bachelor of Science in Special Education should first review "General Requirements for Undergraduate Degrees at IUS."

The bachelor's degree in special education leads to an Indiana license to teach students with disabilities, grades P-12. This special education license is in the area of Mild Intervention. Guided experiences with a wide range of children and youth and master special educators are the foundation of the program. Students have multiple and varied experiences in schools.

There are four major summative decision points for the Special Education Program. The first decision point is admission to the program. The second decision point is at the beginning of Block 2. The third is permission to student teach. The fourth decision point is at the end of student teaching and degree completion. At each summative decision point, candidates are formally evaluated on specific criteria and a decision is made regarding each student's status in the program. A candidate's continuation status may be reevaluated at points other than summative decision points.

Student Learning Goals

Candidates majoring in special education are expected to commit to demonstrating three broad program outcomes: (a) understanding their students' needs and contexts, (b) collaboratively planning and implementing effective learning experiences, and (c) continuously assessing the effects of their professional choices. What Special Educators should know and be able to do is expressed in the standards for the Council for Exceptional Children:

1. Foundations

2. Development and Characteristics of Learners
3. Individual Learning Difference
4. Instructional Strategies
5. Learning Environments and Social Interactions
6. Language
7. Instructional Planning
8. Assessment
9. Professional and Ethical Practice
10. Collaboration

Details of those standards, as well as the developmental and content standards for Exceptional Needs: Mild Intervention can be found in the program's handbook.

Program Structure

Course work leading to the B.S. in Special Education has two components:

1. **General Education** - These requirements meet the campus-wide general education requirements.
2. **Professional and Pedagogical Studies** - Students complete courses and experiences leading to successful demonstration of what special educators need to know and be able to do.

Degree/Certificate Requirements

For a bachelor's degree in special education, students must satisfy all general rules for undergraduate education programs, rules for admission to the program, requirements for remaining in good standing, criteria for admission to student teaching, and eligibility for a degree described in the undergraduate general information section of the "School of Education" portion of this bulletin. Degree completion is contingent upon students passing four summative decision points. Information about decision points can be found on the program Web site. Completion of the degree, faculty recommendation, and passage of state-mandated tests are needed to apply for an Indiana all-grade (P-12) license in Mild Intervention or a Kentucky Learning and Behavior Disorders license for Kentucky. NOTE: To be apprised of changes in licensure rules for both states, seek regular advisement from the program coordinator and School of Education.

Degree Program Admission Requirements

Students seeking admission must meet the following requirements for admission:

1. An overall GPA 2.5 or better.
2. A GPA 2.5 or better in each Content area (Language arts, math, social studies, science).
3. All General Education courses (except COAS-S 104) and all Additional Program Requirement Courses must have grades of C or better.
4. All Education courses must have grades of B- or better.
5. Completed MATH-T 101 and EDUC-F 200.
6. Completed Language Arts content courses (SPCH-S 121, ENG-W 131, 2nd Writing, Literature or Humanities).
7. Including current enrollment, candidates have a least 51 credit hours towards their General Education courses, Pre-Special Education courses and Additional Program Requirement Courses.

8. Have a 24 on the ACT (without writing) or 1100 SAT (without writing) or Praxis I scores of Math 175, Reading 176, and writing 175 or a combined score of 527 (taken prior to August 31, 2013) or CASA scores of Math 220, Reading 220, and Writing 220.

A total maximum of 50 Special Education and Elementary Education candidates will be admitted to the cohort each semester. If more than 50 applicants meet the minimum criteria for admission, student acceptance will be determined based on a point system which is described on the program's website.

All admitted students are in a conditional status until all grades are posted and a 2.5 minimum GPA is verified for the semester prior to starting Block 1. If a student is initially admitted to the cohort as a Special Education major and subsequently changes to Elementary Education, she/he will be held to all requirements for the Elementary Education program.

Performance-Level Requirements

In order to complete the degree, special education majors must:

1. pass the First-Year Seminar and complete the degree with at least a 2.5 GPA;
2. earn a grade of B- or higher in all specialty area content courses;
3. have a grade of C or higher in each Education course;
4. have a Satisfactory in all courses graded S/F;
5. have no less than a 2.5 GPA in the required mathematics courses (each with a grade of C or higher), the communication cluster (i.e., S 121, W 131, and second writing course) and each general education group (i.e., Arts and Letters, Social Science, and Natural Science); and
6. pass all four summative decision points.

Allied Health

Indiana University Southeast offers a number of degrees and degree tracks in chemistry and biochemistry. These degrees can serve as the foundation for further graduate and professional training as well as preparing a person for entry into the workforce. The Bachelor of Science degrees are approved by the American Chemical Society. For more information about the chemistry program, contact the School of Natural Sciences.

Contact Information

Natural Sciences Office: (812) 941-2284

Website: <https://www.ius.edu/natural-sciences/programs/allied-health>

Academics

Undergraduate Degrees

- Bachelor of Science in Health Information Administration
- Bachelor of Science in Clinical Laboratory Sciences

Undergraduate Certificates

- Coding Technology
- Healthcare Documentation

School of Natural Sciences

School of Natural Sciences

Dean: Dr. Elaine Haub

Campus Office: LF 258

Telephone: (812) 941-2283

Fax: (812) 941-2637

<https://www.ius.edu/natural-sciences/>

Programs

- Allied Health
- Biology
- Chemistry
- Computer Science
- Geosciences
- Informatics
- Mathematics
- Pre-Professional
- Physics
- Sustainability and Regeneration

School Information

- Mission Statement
- General Requirements

Mission Statement

To provide an excellent science, mathematics, and computing education through teaching, scholarship and service.

The mission is supported by:

- dedicated faculty who emphasize excellent teaching to enhance student learning;
- effective mentoring for our students so they can better achieve their full potential;
- ongoing research or creative scholarship efforts that expose our students and others to the exciting world of discovery;
- delivering the benefits of analytical, communication, problem solving, and critical thinking skills that are necessary for life-long learning to students;
- assuming the role of regional science, mathematical, and computing leadership through university service efforts, technical assistance to local schools, organizations, and businesses; the visiting scientist series; continuing education; and many other service-related contributions;
- fostering an educational environment and support services where students with a wide range of abilities can receive training and become proficient in science, mathematics, and computing;
- stimulating academic surroundings for traditional and non-traditional students that extend beyond the campus to encompass the entire region.

General Requirements of the School of Natural Sciences

Admission Requirements

To be fully admitted into any of the degree granting programs offered by the School of Natural Sciences, students must complete the following:

- Completion of student undergraduate program hours of 12 or more.
- Student undergraduate program GPA of 2.0 or more.
- Completion of ENG-W 131 with a C or better.
- Completion of the First Year Seminar (FYS).
- Completion of at least one introductory course in the major chosen by the student with a C or better.

Any student that has been fully admitted into a degree granting program may have the opportunity to participate in research. Students that wish to enroll in research must request permission from a faculty sponsor and enroll in an Independent Study Course in their major or in the following course:

NATS-R 300 - Research in the Sciences (0-3 cr) P: Written consent of faculty sponsor. Provides opportunity for students who want to participate in research to do so and students who received research fellowships to finish their work when their fellowship runs out.

Minimum Grade Requirements

The chart below outlines the minimum grade requirements for all degrees, certificates, and minors granted by the School of Natural Sciences. Some degrees may have higher requirements. See specific disciplines for details.

General Education	Passing grade (Note: ENG-W 131 requires a grade of C or better)
Discipline Core (outside of Natural Science)	C
NSCI Discipline Core	C
Discipline Core Electives	C
General Electives	Passing grade

Note: Courses taken to satisfy more than one of the categories described above must meet the minimum grade requirement for both categories.

Credit Hour & Residency Requirement (Bachelor's Degrees)

Like all Baccalaureate degrees offered by IU Southeast, the School of Natural Sciences requires a minimum of 120 credit hours and a minimum of 30 credit hours of upper-level coursework (300-level or above). No more than 64 credit hours earned in accredited junior/community colleges may be applied toward a Baccalaureate degree.

The University Bachelor's Degree Residency Requirement dictates that students must complete no less than 26 credit hours at IU Southeast during their senior year and no less than 10 credit hours of coursework in the major field of study. In addition to this University Residency Requirement, the School of Natural Sciences requires that students complete the capstone course/requirement at IUS. Students may also be required to meet the program specific residency requirements (where applicable) as outlined in this Bulletin under each specific program.

Residency Requirement (Certificate Programs)

The University Certificate Program Residency Requirement dictates that a minimum of 50% of the required credit hours for a Certificate Program must be completed in residence at IU Southeast. In general, the School of Natural Sciences enforces this university residency requirement with no additions; however, students may be required to meet the program specific residency requirements (where applicable) as outlined in the Bulletin under each specific program.

Pre-Professional & Pre-Allied Health Pre-Professional Science Curriculum

Admission to professional schools is very competitive.

Most programs expect applicants to have a four-year degree. IU Southeast School of Natural Science Advisors can assist students in determining an appropriate Pre-Professional plan of study. After meeting with a School of Natural Science Advisor, students are encouraged to contact the professional school(s) in which they plan to apply to verify prerequisite coursework. School of Natural Science Advisors will help students prepare for the admission process and may also suggest alternate pathways to rewarding careers should the desired professional school application be unsuccessful. Below is a list of some of the Professional Programs for which prerequisite coursework can be completed through several degrees in the School of Natural Sciences at IU Southeast.

- Pre-Medicine
- Pre-Dentistry
- Pre-Physician Assistant
- Pre-Optometry
- Pre-Veterinary
- Pre-Occupational Therapy
- Pre-Physical Therapy
- Pre-Pharmacy

*Note: This is not an exhaustive list. Students expecting to apply to a Professional Program should contact the School of Natural Sciences at (812) 941-2184 to schedule an advising appointment. It is suggested that students also meet with an appropriate Faculty Advisor (see contact information below):

- Dr. Michelle Zimmerman (Pre-Allied Health & Pre-Pharmacy)
 - micrzym@ius.edu
- Dr. Kent Edwards (Pre-Med and General Pre-Professional)
 - kedmonds@ius.edu
- Dr. Jan Fleischer (Pre-Med and General Pre-Professional)
 - jmfleisc@ius.edu
- Dr. Gretchen Kirchner (Pre-Vet)
 - gkirchne@ius.edu

Pre-Allied Health Curriculum

Students interested in one of the allied health science degrees can take courses toward those degrees at IU Southeast. Students generally can take one to three years at IU Southeast and then must complete their

degrees at another institution, such as the Indiana University Medical Center at Indianapolis.

Any student who is interested in allied health science programs should see a School of Natural Sciences Advisor for the most current information about the availability of courses and programs and the requirements for completing degrees.

The following are some of the Allied Health Programs which students may begin at IU Southeast:

- Cytotechnology
- Dental Hygiene
- Occupational Therapy Assistant
- Physical Therapy Assistant
- Respiratory Therapy

Pre-Pharmacy

In cooperation with the Sullivan University College of Pharmacy, the School of Natural Sciences at Indiana University Southeast offers the first phase of a two-phase program, which leads to a Doctor of Pharmacy degree. The first phase, which is offered at IU Southeast, is a pre-pharmacy program that prepares students to enter the second phase that constitutes the pharmacy curriculum. The student may also be able to apply their graduate classes to complete their bachelor degrees either in Biology or Chemistry. Students should be aware that entrance into Sullivan College of Pharmacy is not guaranteed. Contact a School of Natural Sciences Advisor at <https://www.ius.edu/natural-sciences/> or (812) 941-2184 for additional information.

Biology and Allied Health Sciences

Indiana University Southeast offers a number of degrees and certificate options in biology, sustainability, and allied health. These degrees and certificates can serve as the foundation for further graduate and professional education or as the prerequisites for entry into the workforce. For further information on these degrees, contact the School of Natural Sciences at (812) 941-2284, and visit the biology home page at www.ius.edu/biology.

Mission/Vision Statement

The Mission of the Biology & Allied Health Sciences program is to provide an excellent science education through teaching, scholarship, and service. Our vision is to offer a number of degrees and certificate options in biology and allied health that support student career goals and aspirations. These degrees have a long history of providing students the foundation for further graduate and professional education or as the prerequisites for entry into the workforce. For further information on these degrees, contact the School of Natural Sciences at (812) 941-2284, and visit the biology home page at www.ius.edu/biology.

Scholarships/Awards

Four scholarships are awarded each fall. All students who are declared biology or related pre-professional majors are automatically considered. Important factors are GPA, participation in the department as Lab or Research Assistants, and contribution to service on campus or the community.

Biology

Biology is the science that studies life. It is multidisciplinary because it includes many different fields, ranging from cell biology and genetics to evolution, plant science and ecology. Some careers are applied, using biological knowledge to address problems in society and industry, while others are in research, advancing knowledge to produce new solutions.

Contact Information

Natural Sciences Office: (812) 941-2284

Website: <https://www.ius.edu/biology/>

Academics

Undergraduate Degrees

- Bachelor of Arts
- Bachelor of Science
- Bachelor of Arts-Double Major

Undergraduate Certificates

- Environmental Science

Minors

- Biology Minor
- Microbiology Minor
- Plant Sciences Minor

Learning Outcomes

Biology (Bachelor of Science)

The B.S. in Biology degree provides a stronger background in science and math than the B.A. degree and will better prepare students for research-oriented careers as professional biologists and/or fulfill the preprofessional requirements for professional degrees in Health Sciences. The degree may also serve as a terminal degree for a variety of biology professions. Courses in second semester calculus, as well as individual study in biological research, are recommended depending on the career goals. Two courses in mathematics: Calculus (MATH-M 215 or MATH-M 119) and statistics (MATH-K 300) are required; second semester calculus (MATH-M 120 or MATH-M 216) is recommended for some programs such as veterinarian medicine and pharmacy. Biology major courses may be repeated only a limited number of times including late withdrawals.

Student Learning Goals

1. Students will have a broad understanding of biology.
2. Students will be able to analyze and critique biological data.
3. Students will know how to approach biology problems
4. Students will be able to synthesize information and develop creative solutions.
5. Students will demonstrate a broad range of biological skills.
6. Students will gain relevant experience orally presenting.
7. Students will gain relevant experience in scientific writing.

Biology BS Residency Requirement

In addition to the IU Southeast Residency Requirement for Bachelor's Degrees and the School of Natural Science Residency Requirement, students pursuing the Bachelor of Science in Biology must complete a minimum of 15 credit hours in Biological Sciences, including at least two courses with associated lab, in residence at IU Southeast.

Degree Program Admission Requirements

To be fully admitted to the Bachelor of Science in Biology degree program, students must meet the *School of Natural Science's Admission Requirements* and complete BIOL-L 101 (Introduction to Biological Science I) or BIOL-L 102 (Introduction to Biological Science II) with a grade of C or better.

General Education Component

All students pursuing the Bachelor of Science in Biology must complete the campus General Education Core Requirements. See *General Education Core for all IU Southeast Baccalaureate Degrees* for a complete listing of requirements.

Core Program

All courses listed below require a grade of C or better. Courses marked with an asterisk (*) can be used to satisfy a General Education Core Requirement.

The program is divided into three tiers and students are expected to complete the courses with a C before they move to the next tier. Failure to do so may result in poor academic performance.

Tier 1: Biology: BIOL-L101*, BIOL-L102*, BIOL-L211, and BIOL-L317/Z318 or BIOL-L 346 or PLSC-B373 or PLSC-B375 (w/permission); Chemistry: CHEM-C105*/C125*, CHEM-C106/C126.

Tier 2: Biology: BIOL-L311/L319, PHSL-P416/P418 or PLSC-B370, Organismal Diversity requirement; Chemistry CHEM-C341/C343, CHEM-C342/C344; Calculus: MATH-M 119* or MATH-M 215* & Statistics: MATH-K 300.

Tier 3: Biology: Ecology requirement, BIOL-L318, BIOL-L312, BIOL-L403, Required Upper Level elective(s) 5 or 6 credits; Chemistry: CHEM-C484 (or C485); Physics* one-year sequence.

- Tier 1 (cr. hrs.)
 - minimum grade
- BIOL-L 101* Introduction to Biological Sciences 1 (5 cr. hrs.)
 - minimum grade C
- BIOL-L 102* Introduction to Biological Sciences 2 (5 cr. hrs.)
 - minimum grade C
- BIOL-L 211 Molecular Biology (3 cr. hrs.)
 - minimum grade C

Developmental Requirement (Choose one of the following as part of Tier 1)

- BIOL-L & BIOL-Z 317 & 318 Developmental Biology & Developmental Biology Lab (3/2 cr. hrs.)
 - minimum grade C

OR

- BIOL-L346 Survey of Molecular Developmental Biology (5 cr. hrs.)
 - minimum grade C

OR

- PLSC-B 373 Plant Growth Development (5 cr. hrs.)
 - minimum grade C

OR

- PLSC-B 375 Horticulture Plants (with Coordinator permission) (5 cr. hrs.)
 - minimum grade C
- CHEM-C 105* Principles of Chemistry I (3 cr. hrs.)
 - minimum grade C
- CHEM-C 125* Experimental Chemistry I (2 cr. hrs.)
 - minimum grade C
- CHEM-C 106 Principles of Chemistry II (3 cr. hrs.)
 - minimum grade C
- CHEM-C 126 Experimental Chemistry II (2 cr. hrs.)
 - minimum grade C

- Tier 2 (cr. hrs.)
 - minimum grade

- BIOL-L & BIOL-L 311 & 319 Genetics & Genetics Lab (3/3 cr. hrs.)
 - minimum grade C

Physiology Requirement (Choose one of the following as part of Tier 2)

- PHSL-P & PHSL-P 416 & 418 Comparative Animal Physiology & Lab in Comparative Animal Physiology (3/2 cr. hrs.)
 - minimum grade C

OR

- PLSC-B 370 Plant Physiology (5 cr. hrs.)
 - minimum grade C

OR

- PHSL-P215 Human Physiology (5 cr. hrs.)
 - minimum grade C

AND

Organismal Diversity Requirement (Choose one of the following as part of Tier 2)

- PLSC-B 364 Summer Flowering Plants (5 cr. hrs.)
 - minimum grade C

OR

- MICR-M & MICR-M 310 & 315 Microbiology & Microbiology Lab (3/2 cr. hrs.)
 - minimum grade C

OR

- ZOOL-Z ZOOL-Z 373 & 383 Entomology & Laboratory in Entomology (3/2 cr. hrs.)

- minimum grade C
- CHEM-C 341 Organic Chemistry Lectures I (3 cr. hrs.)
 - minimum grade C
- CHEM-C 343 Organic Chemistry Laboratories I (2 cr. hrs.)
 - minimum grade C
- CHEM-C 342 Organic Chemistry Lectures II (3 cr. hrs.)
 - minimum grade C
- CHEM-C 344 Organic Chemistry Laboratories II (2 cr. hrs.)
 - minimum grade C
- MATH-M OR MATH-M 215* OR 119* Calculus OR Brief Survey of Calculus 1 (5 3 cr. hrs.)
 - minimum grade C
- MATH-K 300 Statistical Techniques for Health Professions (3 cr. hrs.)
 - minimum grade C
- (cr. hrs.)
 - minimum grade
- Tier 3 (cr. hrs.)
 - minimum grade
- Ecology Requirement (Choose one of the following as part of Tier 3) (cr. hrs.)
 - minimum grade
- BIOL-L BIOL-L BIOL-L MICR-M 303 343 473 & 474 420 Field Biology OR Applied Conservation Biology OR Ecology & Ecology Lab OR Environmental Microbiology (3 5 3 5-6 cr. hrs.)
 - minimum grade C
- BIOL-L 318 Evolution (5 cr. hrs.)
 - minimum grade C
- BIOL-L 312 Cell Biology (3 cr. hrs.)
 - minimum grade C
- BIOL-L 403 Biology Seminar (1 cr. hrs.)
 - minimum grade C
- Any biology course 300-level or above Required Biology Elective (5 or 3/2 cr. hrs.)
 - minimum grade C
- CHEM-C 484 Biomolecules and Catabolism (3 cr. hrs.)
 - minimum grade C
- PHYS-P OR PHYS-P 201 or 221 General Physics 1 or Physics 1 (5 5 cr. hrs.)
 - minimum grade C
- PHYS-P OR PHYS-P 202 or 222 General Physics 2 or Physics 2 (5 5 cr. hrs.)
 - minimum grade C

General & Upper-Level Electives

Students must complete a minimum of 120 credit hours and 30 credit hours at the 300-level or above. Elective courses may be necessary to complete the minimum credit hour requirements.

Biology (Bachelor of Arts)

The liberal arts track and biology core curriculum expose the student to major subject areas in biology while providing considerable flexibility for each student. For example, minimal mathematics and chemistry requirements allow students to develop minor subject areas or a second major in another science area, or in an outside field such as sociology, journalism, business or geosciences. This degree is suitable for students who may apply for admission into law school or for those who seek employment in business, environmental studies, or industry. Biology major courses may be repeated only a limited number of times including late withdrawals.

The B.A. degree will not automatically fulfill requirements for entrance into medical, dental, optometry, medical technology, other allied health programs, or most graduate school programs. Students desiring eventual admission into a professional program or laboratory-related fields should follow the B.S. in Biology degree program.

Student Learning Goals

1. Students will have a broad understanding of biology.
2. Students will be able to analyze and critique biological data.
3. Students will know how to approach biology problems.
4. Students will be able to synthesize information and develop creative solutions.
5. Students will demonstrate a broad range of biological skills.
6. Students will gain relevant experience orally presenting.
7. Students will gain relevant experience in scientific writing..

Biology BA Residency Requirement

In addition to the IU Southeast Residency Requirement for Bachelor's Degrees and the School of Natural Science Residency Requirement, students pursuing the Bachelor of Arts in Biology must complete a minimum of 15 credit hours in Biological Sciences, including at least two courses with associated lab, in residence at IU Southeast

General Education Core & BA Distribution Component

All students pursuing the Bachelor of Arts in Biology must complete the campus General Education Core Requirements. See General Education Core for all IU Southeast Baccalaureate Degrees for a complete listing of requirements.

Students must also complete the campus BA Distribution requirements as stated in Bachelor of Arts Degree Requirements.

Core Program

All courses listed below require a grade of C or better.

Courses marked with an asterisk (*) can be used to satisfy a General Education Core Requirement or a BA Distribution Requirement.

The program is divided into three tiers and students are expected to complete the courses with a C before they move to the next tier. Failure to do so may result in poor academic performance.

Tier 1: Biology BIOL-L101*, BIOL-L102*, BIOL-L211, and BIOL-L317/ZOOL-Z318 or BIOL-L 346 or PLSC-B373 or PLSC-B 375 (w/permission); Chemistry: CHEM-C 101*/C121* & CHEM-C102/C122; Mathematics*: MATH-M 122, MATH-M 125, or MATH-M 126.

Tier 2: Biology BIOL-L311/L319, PHSL-P416/P418, PLSC-B370 or PHSL-P 215 & Organismal Diversity requirement; Computer Literacy: CSCI-C 106.

Tier 3: Biology Ecology requirement, BIOL-L318, BIOL-L312, BIOL-L403, Required Upper Level elective(s) 5 or 6 credits.

- Tier 1 (cr. hrs.)
 - minimum grade
- BIOL-L 101* Introduction to Biological Sciences 1 (5 cr. hrs.)
 - minimum grade C
- BIOL-L 102* Introduction to Biological Sciences 2 (5 cr. hrs.)
 - minimum grade C
- BIOL-L 211 Molecular Biology (3 cr. hrs.)
 - minimum grade C

Developmental Requirement (Choose one of the following as part of Tier 1)

- BIOL-L BIOL-Z 317 & 318 Developmental Biology Developmental Biology Lab (3/2 cr. hrs.)
 - minimum grade C

OR

- BIOL-L346 Survey of Molecular Developmental Biology (5 cr. hrs.)
 - minimum grade C

OR

- PLSC-B 373 Plant Growth & Development (5 cr. hrs.)
 - minimum grade C

OR

- PLSC-B 375 Horticulture Plants (with Coordinator permission) (5 cr. hrs.)
 - minimum grade C

- CHEM-C 101* Elementary Chemistry I (3 cr. hrs.)

- minimum grade C

- CHEM-C 121* Elementary Chemistry I Lab (2 cr. hrs.)

- minimum grade C

- CHEM-C 102 Elementary Chemistry II (3 cr. hrs.)

- minimum grade C

- CHEM-C 122 Elementary Chemistry II lab (2 cr. hrs.)

- minimum grade C

- MATH-M 122* or 125* or 126* College Algebra Pre-Calculus Trigonometric Functions (3 cr. hrs.)

- minimum grade C

Tier 2

- BIOL-L & BIOL-L 311 & 319 Genetics & Genetics Lab (3/3 cr. hrs.)
 - minimum grade C

Physiology Requirement (Choose one of the following as part of Tier 2)

- PHSL-P PHSL-P 416 & 418 Comparative Animal Physiology * Lab in Comparative Animal Physiology (3/2 cr. hrs.)
 - minimum grade C

OR

- PLSC-B 370 Plant Physiology (5 cr. hrs.)

- minimum grade C

OR

- PHSL-P215 Human Physiology (5 cr. hrs.)

- minimum grade C

Organismal Diversity Requirement (Choose one of the following as part of Tier 2)

- PLSC-B MICR-M & MICR-M ZOOL-Z & ZOOL-Z 364 310 315 373 & 383 Summer Flowering Plants OR Microbiology & Microbiology Lab OR Entomology & Laboratory in Entomology (5 3/2 3/2 cr. hrs.)
 - minimum grade C

Tier 3

Ecology Requirement (Choose one of the following as part of Tier 3)

- BIOL-L BIOL-L BIOL-L MICR-M 303 343 473 & 474 420 Field Biology OR Applied Conservation Biology OR Ecology & Ecology Lab OR Environmental Microbiology (3 5 3/2 5-6 cr. hrs.)
 - minimum grade C

- BIOL-L 318 Evolution (5 cr. hrs.)

- minimum grade C

- BIOL-L 312 Cell Biology (3 cr. hrs.)

- minimum grade C

- BIOL-L 403 Biology Seminar (1 cr. hrs.)

- minimum grade C

- Any biology course(s) 300-level or above Required Biology Elective (5 or 3/2 cr. hrs.)
 - minimum grade C

General & Upper-Level Electives

Students must complete a minimum of 120 credit hours and 30 credit hours at the 300-level or above. Elective courses may be necessary to complete the minimum credit hour requirements.

Minor in Biology

Minor Requirement

All courses listed below require a grade of C or better

Course requirements include at least 20 credit hours chosen from the biological science courses listed below.

The 20 credit hours may include one and only one introductory biology course such as BIOL-L101, BIOL-L102, PLSC-B 101, & ZOOL-Z 103.

- ANAT-A 464 Human Tissue Biology (5 cr. hrs.)
 - minimum grade C
- BIOL-K 312 Immunology (3 cr. hrs.)
 - minimum grade C
- BIOL-K 313 Laboratory in Immunology (2 cr. hrs.)
 - minimum grade C
- BIOL-L 211 Molecular Biology (3 cr. hrs.)
 - minimum grade C
- BIOL-L 303 Field Biology (3 cr. hrs.)
 - minimum grade C
- BIOL-L 304 Marine Biology (3 cr. hrs.)
 - minimum grade C
- BIOL-L 311 Genetics (3 cr. hrs.)
 - minimum grade C
- BIOL-L 312 Cell Biology (3 cr. hrs.)
 - minimum grade C
- BIOL-L 313 Cell Biology Laboratory (3 cr. hrs.)
 - minimum grade C
- BIOL-L 317 Developmental Biology (3 cr. hrs.)
 - minimum grade C
- BIOL-L 318 Evolution (5 cr. hrs.)
 - minimum grade C
- BIOL-L 319 Genetics Laboratory (3 cr. hrs.)
 - minimum grade C
- BIOL-L 323 Molecular Biology Laboratory (3 cr. hrs.)
 - minimum grade C
- BIOL-L 341 Natural History of Coral Reefs (3 cr. hrs.)
 - minimum grade C
- BIOL-L 346 Survey of Molecular Developmental Biology (5 cr. hrs.)
 - minimum grade C
- BIOL-L 473 Ecology (3 cr. hrs.)
 - minimum grade C
- BIOL-L 474 Laboratory in Ecology (2 cr. hrs.)
 - minimum grade C
- BIOL-Z 318 Developmental Biology Laboratory (2 cr. hrs.)
 - minimum grade C
- GEOL-G 210 Oceanography (3 cr. hrs.)
 - minimum grade C
- MICR-M 310 Microbiology (3 cr. hrs.)
 - minimum grade C
- MICR-M 315 Microbiology Laboratory (2 cr. hrs.)
 - minimum grade C
- MICR-M 350 Microbial Physiology and Biochemistry (3 cr. hrs.)
 - minimum grade C
- MICR-M 360 Microbial Physiology Laboratory (2 cr. hrs.)
 - minimum grade C
- MICR-M 420 Environmental Microbiology (5-6 cr. hrs.)
 - minimum grade C
- MICR-M 485 Microbial Genetics Laboratory (3 cr. hrs.)
 - minimum grade C
- PHSL-P 416 Comparative Animal Physiology (3 cr. hrs.)
 - minimum grade C
- PHSL-P 418 Lab in Comparative Animal Physiology (2 cr. hrs.)
 - minimum grade C
- PLSC-B 364 Summer Flowering Plants (5 cr. hrs.)
 - minimum grade C
- PLSC-B 370 Plant Physiology (5 cr. hrs.)
 - minimum grade C
- PLSC-B 373 Plant Growth and Development (5 cr. hrs.)
 - minimum grade C
- PLSC-B 375 Horticultural Plants: Biotechnology, Physiology and Development (1 cr. hrs.)
 - minimum grade C
- ZOOL-Z 373 Entomology (3 cr. hrs.)
 - minimum grade C
- ZOOL-Z 383 Entomology Laboratory (2 cr. hrs.)
 - minimum grade C
- ZOOL-Z 460 Ethology (Animal Behavior) (3 cr. hrs.)
 - minimum grade C

- ZOOL-Z 466 Endocrinology (3 cr. hrs.)
 - minimum grade C

Minor in Microbiology

The Minor in Microbiology degree provides an opportunity for students to supplement their major in another discipline with acknowledged course work in the biological sciences.

Prerequisite requirements are usually required for upper level course work and must be fulfilled before the courses can be taken. Biology major courses may be repeated only a limited number of times including late withdrawals.

Minor Requirements

All courses listed below require a grade of C or better.

Course requirements include at least 20 credit hours of either lecture or lab courses in the biological sciences.

The 20 credit hours may include no more than one introductory biology course such as BIOL-L 102, PLSC-B 101, or ZOOL-Z 103.

Introductory Course Options (may select 1 course)

- BIOL-L 102 Introduction to Biological Sciences 2 (5 cr. hrs.)
 - minimum grade C
- PLSC-B 101 Plant Biology (5 cr. hrs.)
 - minimum grade C
- ZOOL-Z 103 Animal Biology Lectures & Lab (5 cr. hrs.)
 - minimum grade C

Minor Specific Course Options

- BIOL-K 312 Immunology (3 cr. hrs.)
 - minimum grade C
- BIOL-L 319 Genetics Laboratory (3 cr. hrs.)
 - minimum grade C
- MICR-M 310 Microbiology (3 cr. hrs.)
 - minimum grade C
- MICR-M 315 Microbiology Laboratory (2 cr. hrs.)
 - minimum grade C
- MICR-M 420 Environmental Microbiology (5-6 cr. hrs.)
 - minimum grade C
- BIOL-L 312 Cell Biology (3 cr. hrs.)
 - minimum grade C
- BIOL-L 313 Cell Biology Laboratory (3 cr. hrs.)
 - minimum grade C

Minor in Plant Sciences

The Minor in Plant Sciences provides an opportunity for students to supplement their major in another discipline with acknowledged course work in the plant sciences.

Biology major courses may be repeated only a limited number of times including late withdrawals.

Minor Requirements

All courses listed below require a grade of C or better.

Course requirements include at least 15 credit hours of either lecture or lab courses in the plant sciences. The 15 credit hours may include no more than one introductory biology course such as BIOL-L 102 or PLSC-B 101.

Introductory Course Options (may select 1 course)

- BIOL-L 102 Introduction to Biological Sciences 2 (5 cr. hrs.)
 - minimum grade C
- PLSC-B 101 Plant Biology (5 cr. hrs.)
 - minimum grade C

Minor Specific Course Options

- PLSC-B 373 Plant Growth & Development (5 cr. hrs.)
 - minimum grade C
- PLSC-B 375 Horticulture Plants (5 cr. hrs.)
 - minimum grade C
- PLSC-B 370 Plant Physiology Lecture & Lab (5 cr. hrs.)
 - minimum grade C
- PLSC-B 364 Summer Flowering Plants (5 cr. hrs.)
 - minimum grade C

Biology and Chemistry (Bachelor of Arts)

This program is designed for students who desire to have a solid background in both chemistry and biology. This is especially recommended for individuals who plan to enter medical, dental, optometry, or other allied-medical schools.

Student Learning Goals

Upon completing the BA in Biology & Chemistry, students will...

1. have a broad understanding of chemistry & biology.
2. be able to analyze and critique biological data.
3. be able to evaluate and synthesize biological information from multiple sources.
4. demonstrate a broad range of biological skills.
5. present scientific work orally.
6. present scientific work in writing.
7. have applied knowledge in the fundamental areas of chemistry.
8. have applied laboratory knowledge and hands-on skills.
9. have written legible and complete experimental records.

Biology & Chemistry BA Residency Requirement

In addition to the IU Southeast Residency Requirement for Bachelor's Degrees and the School of Natural Science Residency Requirement, students pursuing the Bachelor

of Arts in Biology & Chemistry must complete a minimum of 15 credit hours in Biological Sciences, including at least two courses with associated lab, as well as 15 credit hours in Chemistry, in residence at IU Southeast.

Degree Program Admission Requirements

To be fully admitted to the Bachelor of Arts in Biology & Chemistry degree program, students must meet the School of Natural Science's admission requirements and complete BIOL-L 101 (Introduction to Biological Science I), CHEM-C 105 (Principles of Chemistry I), & CHEM-C 125 (Experimental Chemistry I) all with grades of C or better.

General Education & BA Distribution Components

All students pursuing the Bachelor of Arts in Biology & Chemistry must complete the campus General Education Core Requirements. See *General Education Component for all IU Southeast Baccalaureate Degrees* for a complete listing of requirements.

Students must also complete the campus BA Distribution requirements as stated in the Bachelor of Arts Degree Requirements.

Core Program

All courses listed below require a grade of C or better.

Courses marked with an asterisk (*) can be used to satisfy a General Education Core Requirement or a BA Distribution Requirement.

Technical Writing Requirement

- ENG-W 234* Technical Report Writing (3 cr. hrs.)
 - minimum grade C

Physics and Mathematics Requirements

- MATH-M 215* Calculus I (5 cr. hrs.)
 - minimum grade C
- MATH-M 216 Calculus II (5 cr. hrs.)
 - minimum grade C
- PHYS-P OR PHYS-P 201* OR 221* General Physics: Mechanics, Heat, and Sound OR Physics I (5 cr. hrs.)
 - minimum grade C
- PHYS-P OR PHYS-P 202 OR 222 General Physics: Electricity, Magnetism, Light & Nuclear Physics; or Physics II (5 cr. hrs.)
 - minimum grade C

Major Specific Requirements

- CHEM-C 105* Principles of Chemistry I (3 cr. hrs.)
 - minimum grade C
- CHEM-C 106 Principles of Chemistry II (3 cr. hrs.)
 - minimum grade C
- CHEM-C 125* Experimental Chemistry I (2 cr. hrs.)
 - minimum grade C
- CHEM-C 126 Experimental Chemistry II (2 cr. hrs.)

- minimum grade C
 - CHEM-C 341 Organic Chemistry I Lecture (3 cr. hrs.)
 - minimum grade C
 - CHEM-C 342 Organic Chemistry II Lecture (3 cr. hrs.)
 - minimum grade C
 - CHEM-C 343 Organic Chemistry I Laboratory (2 cr. hrs.)
 - minimum grade C
 - CHEM-C 344 Organic Chemistry II Laboratory (2 cr. hrs.)
 - minimum grade C
 - CHEM-C 317 Equilibria and Electrochemistry (3 cr. hrs.)
 - minimum grade C
 - CHEM-C 318 Spectroscopy and Separations (3 cr. hrs.)
 - minimum grade C
 - CHEM-C 315 Chemical Measurements Lab I (3 cr. hrs.)
 - minimum grade C
 - CHEM-C 361 Physical Chemistry of Bulk Matter (3 cr. hrs.)
 - minimum grade C
 - CHEM-C 484 Biomolecules and Catabolism (3 cr. hrs.)
 - minimum grade C
 - BIOL-L 101* Introduction to Biological Sciences I (5 cr. hrs.)
 - minimum grade C
 - BIOL-L 102* Introduction to Biological Sciences II (5 cr. hrs.)
 - minimum grade C
 - BIOL-L 211 Molecular Biology (3 cr. hrs.)
 - minimum grade C
 - BIOL-L 311 Genetics (3 cr. hrs.)
 - minimum grade C
 - BIOL-L 319 Genetics Laboratory (3 cr. hrs.)
 - minimum grade C
 - BIOL-L 312 Cell Biology (3 cr. hrs.)
 - minimum grade C
- Developmental Requirement (Select one option below)
- BIOL-L & BIOL-Z 317 & 318 Developmental Biology & Developmental Biology Lab (3/2 cr. hrs.)
 - minimum grade C
 - BIOL-L 346 Molecular Developmental Biology (3/2 cr. hrs.)
 - minimum grade C
 - PLSC-B 373 Plant Growth & Development (5 cr. hrs.)

- minimum grade C
- PLSC-B 375 Horticultural Plants (with coordinator permission) (5 cr. hrs.)
 - minimum grade C

Physiology Requirement (Select one option below)

- PLSC-B 370 Plant Physiology (5 cr. hrs.)
 - minimum grade C
- PHSL-P & PHSL-P 416 & 418 Comparative Animal Physiology & Comparative Animal Physiology Lab (3/2 cr. hrs.)
 - minimum grade C

Capstone Courses

- CHEM-C 301 or 302 Chemistry Seminar (1 cr. hrs.)
 - minimum grade C
- BIOL-L 403 Biology Seminar (1 cr. hrs.)
 - minimum grade C

General & Upper-Level Electives

Students must complete a minimum of 120 credit hours and 30 credit hours at the 300-level or above. Elective courses may be necessary to complete the minimum credit hour requirements.

Chemistry

Indiana University Southeast offers a number of degrees and degree tracks in chemistry and biochemistry. These degrees can serve as the foundation for further graduate and professional training as well as preparing a person for entry into the workforce. The Bachelor of Science degrees are approved by the American Chemical Society. For more information about the chemistry program, contact the School of Natural Sciences.

Contact Information

Natural Sciences Office: (812) 941-2284
Website: <https://www.ius.edu/chemistry/>

Academics

Undergraduate Degrees

- Bachelor of Arts
- Bachelor of Arts - Double Major (Biology and Chemistry)
- Bachelor of Science

Undergraduate Certificates

- Environmental Science Certificate
- Sustainability Certificate

Minors

- Chemistry Minor
- Environmental Chemistry Minor
- Sustainability Minor

Program Information

Mission/Vision Statement

The Chemistry Program at IU Southeast is committed to providing a complete quality undergraduate education necessary for chemistry majors to be competitive in

the job market and to succeed in graduate/professional schools. The program is dedicated to offering quality courses to meet the needs of nursing, education, and other majors.

Scholarships/Awards

Students entering the university in pursuit of a chemistry degree complete for the four year renewable Malcom Kochert Scholarship for Physical Sciences. Three chemistry scholarships (Rand, Roy Goode, & Brian Hill) are available for chemistry juniors and seniors.

Chemistry (Bachelor of Science)

The Bachelor of Science degrees are approved by the American Chemical Society. These degrees are especially recommended for students who plan to pursue graduate studies in chemical sciences, including analytical, biological, inorganic, organic, medicinal, pharmaceutical, polymer, and physical chemistry, as well as those who are interested in pursuing advanced degrees in medicine, pharmacy, and dentistry. Students completing this program will receive a certificate from the American Chemical Society.

Chemistry

Student Learning Goals

Upon completion of the requisite courses for a Bachelor of Science in Chemistry, the students will have:

1. applied knowledge in the fundamental areas of chemistry
2. applied laboratory knowledge and hands-on skills
3. written legible and complete experimental records
4. communicated chemical information in both written and oral forms
5. produced research under a chemistry faculty's supervision.

Chemistry BS Residency Requirement

The chemistry department enforces the IU Southeast Residency Requirement and the School of Natural Sciences Residency Requirement for Bachelor's degrees with no additions.

Degree Requirements

To be fully admitted to the Bachelor of Science in Chemistry degree program, students must meet the School of Natural Science's admission requirements and complete CHEM-C 105 (Principles of Chemistry I) & CHEM-C 125 (Experimental Chemistry I) with grade of C or better.

General Education Component

All students pursuing the Bachelor of Science in Chemistry must complete the campus General Education Core Requirements. See *General Education Component for all IU Southeast Baccalaureate Degrees* for a complete listing of requirements.

Core Program (for both Chemistry BS Tracks)

All courses listed below require a grade of C or better. Courses marked with an asterisk (*) can be used to satisfy a General Education Core Requirement.

Technical Writing

- ENG-W 234* Technical Report Writing (3 cr. hrs.)
 - minimum grade C

Biology, Mathematics, & Physics

- BIOL-L 101* Introduction to Biological Sciences I (5 cr. hrs.)
 - minimum grade C
- MATH-M 215* Calculus I (5 cr. hrs.)
 - minimum grade C
- MATH-M 216 Calculus II (5 cr. hrs.)
 - minimum grade C
- MATH-M 311 Calculus III (3 cr. hrs.)
 - minimum grade C
- PHYS-P 221* Physics I (5 cr. hrs.)
 - minimum grade C
- PHYS-P 222 Physics II (5 cr. hrs.)
 - minimum grade C

Core Chemistry

- CHEM-C 105* Principles of Chemistry I (3 cr. hrs.)
 - minimum grade C
- CHEM-C 106 Principles of Chemistry II (3 cr. hrs.)
 - minimum grade C
- CHEM-C 125* Experimental Chemistry I (2 cr. hrs.)
 - minimum grade C
- CHEM-C 126 Experimental Chemistry II (2 cr. hrs.)
 - minimum grade C
- CHEM-C 341 Organic Chemistry I Lecture (3 cr. hrs.)
 - minimum grade C
- CHEM-C 342 Organic Chemistry II Lecture (3 cr. hrs.)
 - minimum grade C
- CHEM-C 343 Organic Chemistry I Laboratory (2 cr. hrs.)
 - minimum grade C
- CHEM-C 344 Organic Chemistry II Laboratory (2 cr. hrs.)
 - minimum grade C
- CHEM-C 317 Equilibria and Electrochemistry (3 cr. hrs.)
 - minimum grade C
- CHEM-C 318 Spectroscopy and Separations (3 cr. hrs.)
 - minimum grade C
- CHEM-C 315 Chemical Measurements Lab I (3 cr. hrs.)
 - minimum grade C

- minimum grade C
- CHEM-C 361 Physical Chemistry of Bulk Matter (3 cr. hrs.)
 - minimum grade C
- CHEM-C 362 Physical Chemistry of Molecules (3 cr. hrs.)
 - minimum grade C
- CHEM-C 364 Introduction of Basic Measurements (3 cr. hrs.)
 - minimum grade C
- CHEM-C 409 Chemical Research (3 cr. hrs.)
 - minimum grade C
- CHEM-C 430 Inorganic Chemistry (3 cr. hrs.)
 - minimum grade C
- CHEM-C 484 Biomolecules and Catabolism (3 cr. hrs.)
 - minimum grade C

Capstone

- CHEM-C 301 or 302 Chemistry Seminar (1 cr. hrs.)
 - minimum grade C

Chemistry BS - Traditional Track

In addition to the Core Program Requirements stated above, students pursuing the Chemistry BS - Traditional Track must complete the Science Elective Requirement by selecting a minimum of 22 credit hours from the subjects listed below. All courses taken to satisfy the Science Elective requirement require a grade of C or better. Other courses may be used to satisfy this requirement if approved by the Chemistry Coordinator. Speak with your advisor for more information.

Allied Health (AHLT – 200-level or above)
 Anatomy (ANAT – 200-level or above)
 Astronomy (AST – 200-level or above)
 Biology (BIOL 200-level or above)
 Chemistry (CHEM - 200-level or above & outside of major requirements)
 Computer Science (CSCI - 200-level or above)
 Physical Geography (GEOG - 100-level or above)
 Geology (GEOL - 100-level or above)
 Mathematics (MATH - 200-level or above & outside of major requirements)
 Microbiology (MICR - 200-level or above)
 Physiology (PHSL - 200-level or above)
 Physics (PHYS - 200-level or above & outside of requirements)
 Plant Sciences (PLSC - 200-level or above)
 Zoology (ZOOL - 200-level or above)

Chemistry BS - Biochemistry Track

In addition to the Core Program Requirements stated above, students pursuing the Chemistry BS - Biochemistry Track must complete the Biochemistry Track Requirements listed below. All courses taken to satisfy the Biochemistry Track Requirements require a grade of C or better.

Additional Biology & Biochemistry

- BIOL-L102* Introduction to Biological Sciences II (5 cr. hrs.)
 - minimum grade C
- BIOL-L211 Molecular Biology (3 cr. hrs.)
 - minimum grade C
- CHEM-C485 Biosynthesis and Physiology (3 cr. hrs.)
 - minimum grade C
- CHEM-C486 Biochemistry Laboratory (2 cr. hrs.)
 - minimum grade C

Science Electives

Students pursuing the Chemistry BS - Biochemistry Track must complete the Science Elective Requirement by selecting a minimum of 9 credit hours from the subjects listed below. All courses taken to satisfy the Science Elective requirement require a grade of C or better. Other courses may be used to satisfy this requirement if approved by the Chemistry Coordinator. Speak with your advisor for more information.

Allied Health (AHLT - 200 level or above)
 Anatomy (ANAT - 200 level or above)
 Biology (BIOL - 200-level or above & outside of major requirements)
 Chemistry (CHEM - 200-level or above & outside of major requirements)
 Computer Science (CSCI - 200-level or above)
 Physical Geography (GEOG - 100-level or above)
 Geology (GEOL - 100-level or above)
 Mathematics (MATH - 200-level or above & outside of major requirements)
 Microbiology (MICR - 200-level or above)
 Physiology (PHSL - 200-level or above)
 Physics (PHYS - 200-level or above & outside of requirements)
 Plant Sciences (PLSC - 200-level or above)
 Zoology (ZOOL - 200-level or above)

General & Upper-Level Electives

Students must complete a minimum of 120 credit hours and 30 credit hours at the 300-level or above. Elective courses may be necessary to complete the minimum credit hour requirements.

Chemistry (Bachelor of Arts)

This degree is recommended for those students wanting to go to pre-professional schools or those interested in working in chemical industries.

Chemistry

The Business Management track is recommended for students who plan to pursue careers in industry, government, law, sales or other areas where business and administrative skills could enhance success in the field. It could also provide the basis for further studies in either the field of chemistry or business. Graduates of this program will have a seamless transition in the business of science and will have completed the required courses for entry into the MBA program.

The Biochemistry track is recommended for those students wanting to go on to medical, dental, pharmacy and other health-related pre-professional occupations, and those interested in working in chemical industries with emphasis in biotechnology and pharmaceuticals, which would require a strong background in biochemistry.

Student Learning Goals

Upon completion of the requisite courses for a Bachelor of Arts in Chemistry, the students will have:

1. applied knowledge in the fundamental areas of chemistry
2. applied laboratory knowledge and hands-on skills
3. written legible and complete experimental records
4. communicated chemical information in both written and oral forms

Chemistry BA Residency Requirement

The chemistry department enforces the IU Southeast Residency Requirement and the School of Natural Sciences Residency Requirement for Bachelor's degrees with no additions.

Degree Program Admission Requirements

To be fully admitted to the Bachelor of Arts in Chemistry degree program, students must meet the School of Natural Science's admission requirements and complete CHEM-C 105 (Principles of Chemistry I) and CHEM-C 125 (Experimental Chemistry II) with grade of C or better.

General Education & BA Distribution Component

All students pursuing the Bachelor of Arts in Chemistry must complete the campus General Education Core Requirements. See General Education Component for all IU Southeast Baccalaureate Degrees for a complete listing of requirements.

Students must also complete the campus BA Distribution requirements as stated in Bachelor of Arts Degree Requirements.

Core Program (for all Chemistry BA Tracks)

All courses listed below require a grade of C or better.

Courses marked with an asterisk (*) can be used to satisfy a General Education Core Requirement or a BA Distribution Requirement.

Technical Writing

- ENG-W 234* Technical Report Writing (3 cr. hrs.)
 - minimum grade C

Core Chemistry

- CHEM-C 105* Principles of Chemistry I (3 cr. hrs.)
 - minimum grade C
- CHEM-C 106 Principles of Chemistry II (3 cr. hrs.)
 - minimum grade C
- CHEM-C 125* Experimental Chemistry I (2 cr. hrs.)
 - minimum grade C

- CHEM-C 126 Experimental Chemistry II (2 cr. hrs.)
 - minimum grade C
- CHEM-C 341 Organic Chemistry 1 Lectures (3 cr. hrs.)
 - minimum grade C
- CHEM-C 342 Organic Chemistry 2 Lectures (3 cr. hrs.)
 - minimum grade C
- CHEM-C 343 Organic Chemistry Laboratory 1 (2 cr. hrs.)
 - minimum grade C
- CHEM-C 344 Organic Chemistry Laboratory 2 (2 cr. hrs.)
 - minimum grade C

Capstone

- CHEM-C 301 or 302 Chemistry Seminar 1 or Chemistry Seminar 2 (1 cr. hrs.)
 - minimum grade C

Chemistry BA - Traditional Track

In addition to the Core Program Requirements stated above, students pursuing the Traditional Track must complete the Traditional Track Requirements listed below. All courses taken to satisfy the Traditional Track Requirements require a grade of C or better. Courses marked with an asterisk (*) can be used to satisfy a General Education Core Requirement or a BA Distribution Requirement.

- BIOL-L 100* OR 101* OR 102* Humans and the Biological World OR Introduction to Biological Sciences I OR Introduction to Biological Sciences II (3 or 5 cr. hrs.)
 - minimum grade C
- MATH-M 215* Calculus I (5 cr. hrs.)
 - minimum grade C
- MATH-M 216 Analytic Geometry and Calculus II (5 cr. hrs.)
 - minimum grade C
- PHYS-P 201* OR 221* General Physics 1 OR Physics 1 (5 cr. hrs.)
 - minimum grade C
- PHYS-P 202 OR 222 General Physics 2 OR Physics 2 (5 cr. hrs.)
 - minimum grade C
- CHEM-C 317 Equilibria and Electrochemistry (3 cr. hrs.)
 - minimum grade C
- CHEM-C 318 Spectroscopy and Separations (3 cr. hrs.)
 - minimum grade C
- CHEM-C 315 Chemical Measurements Lab I (3 cr. hrs.)
 - minimum grade C
- CHEM-C 361 Physical Chemistry of Bulk Matter (3 cr. hrs.)

- minimum grade C

Chemistry BA - Business Management Track

In addition to the Core Program Requirements stated above, students pursuing the Business Management Track must complete the Business Management Track Requirements listed below. All courses taken to satisfy the Business Management Track Requirements require a grade of C or better. Courses marked with an asterisk (*) can be used to satisfy a General Education Core Requirement or a BA Distribution Requirement.

Science and Mathematics

- BIOL-L 100* OR 101* OR 102* Humans and the Biological World OR Introduction to Biological Sciences I OR Introduction to Biological Sciences II (3 or 5 cr. hrs.)
 - minimum grade C
- MATH-M 215* Calculus I (5 cr. hrs.)
 - minimum grade C
- MATH-M 216 Calculus II (5 cr. hrs.)
 - minimum grade C
- PHYS-P 201* OR 221* General Physics 1 OR Physics 1 (5 cr. hrs.)
 - minimum grade C
- PHYS-P 202 OR 222 General Physics 2 OR Physics 2 (5 cr. hrs.)
 - minimum grade C
- CHEM-C 317 Equilibria and Electrochemistry (3 cr. hrs.)
 - minimum grade C
- CHEM-C 318 Spectroscopy and Separations (3 cr. hrs.)
 - minimum grade C
- CHEM-C 315 Chemical Measurements Lab I (3 cr. hrs.)
 - minimum grade C
- CHEM-C 361 Physical Chemistry of Bulk Matter (3 cr. hrs.)
 - minimum grade C

Business Courses

- BUS-A 201 Introduction to Financial Accounting (3 cr. hrs.)
 - minimum grade C
- BUS-A 202 Introduction to Managerial Accounting (3 cr. hrs.)
 - minimum grade C
- BUS-F 301 Financial Management (3 cr. hrs.)
 - minimum grade C
- BUS-M 301 Introduction to Marketing Management (3 cr. hrs.)
 - minimum grade C
- BUS-K 321 Management of Information Technology (3 cr. hrs.)

- minimum grade C
- BUS-P 301 Operations Management (3 cr. hrs.)
 - minimum grade C
- ECON-E 201* Introduction to Microeconomics (3 cr. hrs.)
 - minimum grade C
- ECON-E 202 Introduction to Macroeconomics (3 cr. hrs.)
 - minimum grade C
- ECON-E 280 Applied Statistics for Business & Economics I (3 cr. hrs.)
 - minimum grade C

Chemistry BA - Biochemistry Track

In addition to the Core Program Requirements stated above, students pursuing the Biochemistry Track must complete the Biochemistry Track Requirements listed below. All courses taken to satisfy the Biochemistry Track Requirements require a grade of C or better. Courses marked with an asterisk (*) can be used to satisfy a General Education Core Requirement or a BA Distribution Requirement.

Science and Mathematics

- MATH-M 119* OR 215 Brief Survey of Calculus I OR Analytic Geometry with Calculus I (3 or 5 cr. hrs.)
 - minimum grade C
- BIOL-L 101* Introduction of Biological Sciences I (5 cr. hrs.)
 - minimum grade C
- PHYS-P 201* OR 221* General Physics 1 OR Physics 1 (5 cr. hrs.)
 - minimum grade C

Biochemistry Courses

- CHEM-C 484 Biomolecules and Catabolism (3 cr. hrs.)
 - minimum grade C
- CHEM-C 485 Biosynthesis and Physiology (3 cr. hrs.)
 - minimum grade C
- CHEM-C 486 Biochemistry Laboratory (3 cr. hrs.)
 - minimum grade C
- CHEM-CElectives Choose two additional Chemistry Courses, 300-level or above (6 credits minimum cr. hrs.)
 - minimum grade C

General & Upper-Level Electives

Students must complete a minimum of 120 credit hours and 30 credit hours at the 300-level or above. Elective courses may be necessary to complete the minimum credit hour requirements.

Minor in Chemistry

Minor Requirements

All courses below require a grade of C or higher.

Chemistry Core (complete each of the following)

- CHEM-C 105 Principles of Chemistry I (3 cr. hrs.)
 - minimum grade C
- CHEM-C 106 Principles of Chemistry II (3 cr. hrs.)
 - minimum grade C
- CHEM-C 125 Experimental Chemistry I (2 cr. hrs.)
 - minimum grade C
- CHEM-C 126 Experimental Chemistry II (2 cr. hrs.)
 - minimum grade C
- CHEM-C 341 Organic Chemistry I Lecture (3 cr. hrs.)
 - minimum grade C
- CHEM-C 343 Organic Chemistry I Laboratory (2 cr. hrs.)
 - minimum grade C

Chemistry Electives (Choose two of the following) Note: other 300-400 level Chemistry courses may be approved by the Chemistry coordinator. Speak with advisor for more information.

- CHEM-C 303 Environmental Chemistry (3 cr. hrs.)
 - minimum grade C
- CHEM-C 315 Chemical Measurements Lab I (3 cr. hrs.)
 - minimum grade C
- CHEM-C 317 Equilibria and Electrochemistry (3 cr. hrs.)
 - minimum grade C
- CHEM-C 318 Spectroscopy and Separations (3 cr. hrs.)
 - minimum grade C
- CHEM-C 333 Experimental Environmental Chemistry (3 cr. hrs.)
 - minimum grade C
- CHEM-C 342 Organic Chemistry II Lecture (3 cr. hrs.)
 - minimum grade C
- CHEM-C 344 Organic Chemistry II Laboratory (2 cr. hrs.)
 - minimum grade C
- CHEM-C 361 Physical Chemistry of Bulk Matter (3 cr. hrs.)
 - minimum grade C
- CHEM-C 362 Physical Chemistry of Molecules (3 cr. hrs.)
 - minimum grade C
- CHEM-C 364 Introduction to Basic Measurements (3 cr. hrs.)
 - minimum grade C
- CHEM-C 390 Special Topics in Chemistry (with permission only) (3 cr. hrs.)

- minimum grade C
- CHEM-C 430 Inorganic Chemistry (3 cr. hrs.)
 - minimum grade C
- CHEM-C 470 Polymer Chemistry (3 cr. hrs.)
 - minimum grade C
- CHEM-C 484 Biomolecules and Catabolism (3 cr. hrs.)
 - minimum grade C
- CHEM-C 485 Biosynthesis and Physiology (3 cr. hrs.)
 - minimum grade C
- CHEM-C 486 Biochemistry Lab (2 cr. hrs.)
 - minimum grade C
- CHEM-C 490 Individual Study (with permission only) (1-6 cr. hrs.)
 - minimum grade C

Minor in Environmental Chemistry

Minor Requirements

All courses below require a grade of C or higher.

- CHEM-C105 Principles of Chemistry I (3 cr. hrs.)
 - minimum grade C
- CHEM-C106 Principles of Chemistry II (3 cr. hrs.)
 - minimum grade C
- CHEM-C125 Experimental Chemistry I (2 cr. hrs.)
 - minimum grade C
- CHEM-C126 Experimental Chemistry II (2 cr. hrs.)
 - minimum grade C
- CHEM-C341 Organic Chemistry I Lectures (3 cr. hrs.)
 - minimum grade C
- CHEM-C343 Organic Chemistry Laboratory I (2 cr. hrs.)
 - minimum grade C
- CHEM-C303 Environmental Chemistry (3 cr. hrs.)
 - minimum grade C
- CHEM-C317 Equilibria and Electrochemistry (3 cr. hrs.)
 - minimum grade C
- CHEM-C318 Spectroscopy and Separations (3 cr. hrs.)
 - minimum grade C
- CHEM-C 333 OR 315 Experimental Environmental Chemistry; OR Chemical Measurements Laboratory (2 OR 3 cr. hrs.)
 - minimum grade C

Certificate in Coding Technology

Program Description

An 18 credit hour program that trains students to code information using ICD-9-CM, CPT, and HCPCS in the health care setting. Introduction to ICD-10-CM basic coding principles also covered as part of the program as well as billing and reimbursement concepts for commercial insurance carriers, Medicare, Medicaid, Tricare, and Workers Compensation.

Student Learning Goals

1. Apply coding guidelines to selection of ICD-9-CM/ICD-10-CM, CPT, and HCPCS codes.
2. Demonstrate correlation of ICD-9-CM/ICD-10-CM codes to CPT and HCPCS code for billing and reimbursement purposes for all third party payers.
3. Apply HIPAA standards as related to confidentiality, privacy and security of the medical record.

Coding Technology Certificate Requirement

In addition to the IU Southeast Certificate Residency Requirement (minimum of 50% of total credits), students completing the Certificate in Medical Coding are required to complete the following courses in residence at IU Southeast: AHLT-M 390, AHLT-M 391, & AHLT-M 392.

Core Program

All courses listed below require a grade of C or better.

- AHLT-C OR AHLT-A 150 OR 215 Body Structure and Function OR Basic Human Anatomy (3 5 cr. hrs.)
 - minimum grade C
- AHLT-M OR AHLT-M 195 OR 330 Medical Terminology (3 cr. hrs.)
 - minimum grade C
- AHLT-M 390 Coding I (3 cr. hrs.)
 - minimum grade C
- AHLT-M 391 Coding II (3 cr. hrs.)
 - minimum grade C
- AHLT-M 392 Intro to HIM and Reimbursement (3 cr. hrs.)
 - minimum grade C
- AHLT-R 200 Pathology (3 cr. hrs.)
 - minimum grade C

- <https://usss.iu.edu/apps/disclosures/StudentDisclosures/SE01.51.0713/51.0713-Gedt.html>.

Certificate in Environmental Science

Minor Requirements

All courses below require a grade of C or higher.

- CHEM-C105 Principles of Chemistry I (3 cr. hrs.)
 - minimum grade C
- CHEM-C106 Principles of Chemistry II (3 cr. hrs.)
 - minimum grade C

- CHEM-C125 Experimental Chemistry I (2 cr. hrs.)
 - minimum grade C
- CHEM-C126 Experimental Chemistry II (2 cr. hrs.)
 - minimum grade C
- CHEM-C 341 Organic Chemistry I Lectures (3 cr. hrs.)
 - minimum grade C
- CHEM-C343 Organic Chemistry Laboratory I (2 cr. hrs.)
 - minimum grade C
- CHEM-C303 Environmental Chemistry (3 cr. hrs.)
 - minimum grade C
- CHEM-C 317 Equilibria and Electrochemistry (3 cr. hrs.)
 - minimum grade C
- CHEM-C 318 Spectrochemistry & Separations (3 cr. hrs.)
 - minimum grade C
- CHEM-C 338 Geographic Information Science (3 cr. hrs.)
 - minimum grade C
- GEOL-G 333 OR 315 Experimental Environmental Chemistry; OR Chemical Measurements Laboratory (2 OR 3 cr. hrs.)
 - minimum grade C

Gainful Employment Disclosure for the Environmental Science Certificate: <https://apps.ussu.iu.edu/disclosures/plans/SE01.03.0104/Gedt.html>

Computer Science

Computer Science is the chief discipline for teaching engineering principles and the tools used in software applications development. Training students in these principles and the use of software development tools is one of the primary goals of Computer Science at IU Southeast.

Contact Information

Natural Sciences Office: (812) 941-2284
Website: <https://www.iu.edu/computer-science/>

Academics

Undergraduate Degrees

- Bachelor of Science

Undergraduate Certificates

- Information Technology Certificate
- Network Technology
- Web Programming

Minors

- Minor in Computer Science

Program Information

Mission/Vision Statement

Our mission is to serve our constituencies in teaching, research, and service.

In teaching, we strive to provide an environment for our students to learn of computer science in particular and instill the quest for knowledge about the greater world around them.

Through research, the faculty endeavors to generate new knowledge and stay current in a constantly changing discipline.

In service, we connect academic expertise and personal interests to our professional, university and the greater community common good.

Computer Science (Bachelor of Science)

A baccalaureate degree is offered in Computer Science.

This program recognizes the need to provide the understanding and knowledge of computer science appropriate for the varied careers available. Students may choose to emphasize either Mathematics and Science, or Business and Information Systems in their study of Computer Science at IU Southeast.

Computer Science

Student Learning Goals

1. Bachelor of Science graduates will have clear understanding of the theoretical foundations of computing science, hardware structure, and programming algorithms and languages.
2. Graduates will be able to apply theory to the solution of practical business problems and to the analysis of existing algorithms and techniques, and to recommend techniques and algorithms appropriate to specific circumstances in the areas of automated systems.
3. Graduates will also be able to develop and evaluate new solutions in information technology areas.
4. Science/mathematics option graduates will seek employment in networking, hardware, and systems-level programming; or transfer to graduate schools for higher studies. Information systems graduates will be prepared for the business world, understanding business problems and creating computer-based solutions through programming, systems analysis, and design; or may also decide to transfer to graduate schools for higher studies in business-based computing.

Computer Science BS Residency Requirement

The Computer Science department enforces the IU Southeast Residency Requirement and the School of Natural Sciences Residency Requirement for Bachelor's degrees with no additions.

Degree Program Admission Requirements

To be fully admitted to the Bachelor of Science in Computer Science degree program, students must meet the School of Natural Science's admission requirements and complete CSCI-C 201 (Java Programming I) with a grade of C or better.

General Education Component

All students pursuing the Bachelor of Science in Computer Science must complete the campus General Education Core Requirements. See *General Education Component for all IU Southeast Baccalaureate Degrees* for a complete listing of requirements.

Core Program

All courses listed below for the Information Systems and/or the Science/Mathematics Track require a grade of C or better. Courses marked with an asterisk (*) can be used to satisfy a General Education Core Requirement.

Each student will select one of two major option areas in which to pursue advanced courses: (1) information systems or (2) science/mathematics. Within each option area there are required advanced sequences in computer science and related disciplines that enable students to tailor their advanced coursework to meet any one of several career objectives. Please note that taking the course requirements for either option may add up to a number less than the required 120 credit hours. The student should fulfill the remaining hours with electives.

Note: Students must petition the department coordinator for acceptance of any computer science-related coursework more than seven years old.

Information Systems Track

The Information Systems Option prepares students seeking employment in business or industry or who may pursue a graduate degree in information systems.

Within this option, the student may select courses that prepare them for careers in areas such as applications programming, business systems design and implementation, and information systems management.

Technical Writing Requirement (choose one)

- ENG-W 234* Technical Report Writing (3 cr. hrs.)
 - minimum grade C
- OR (3 cr. hrs.)
 - minimum grade C
- ENG-W 290* Writing in the Arts and Sciences (3 cr. hrs.)
 - minimum grade C

Mathematics, Science, & Business Requirements

A. Mathematics-3 courses

Complete one calculus sequence

- MATH-M AND 119* AND Brief Survey of Calculus I AND (3 cr. hrs.)
 - minimum grade C
- MATH-M 120 Brief Survey of Calculus II (3 cr. hrs.)
 - minimum grade C

OR

- MATH-M AND 215* AND Calculus I AND (5 cr. hrs.)
 - minimum grade C
- MATH-M 216 Calculus II (5 cr. hrs.)

- minimum grade C

AND Choose one Statistics Course

- MATH-K 300 Statistical Techniques for Health Professions (3 cr. hrs.)
 - minimum grade C

OR

- ECON-E 280 Applied Statistics for Business & Econ I (3 cr. hrs.)
 - minimum grade C

B. Physical Sciences- 3 options, 1 or 2 courses

- PHYS-P 100* Physics in the Modern World (5 cr. hrs.)
 - minimum grade C

OR

- PHYS-P AND 201* AND General Physics I AND (5 cr. hrs.)
 - minimum grade C

- PHYS-P 202 General Physics II (5 cr. hrs.)

- minimum grade C

OR

- PHYS-P AND 221* AND Physics 1 AND (5 cr. hrs.)

- minimum grade C

- PHYS-P 222 Physics 2 (5 cr. hrs.)

- minimum grade C

C. Business and Economics

- BUS-A 201 Introduction to Financial Accounting (3 cr. hrs.)
 - minimum grade C
- BUS-A 202 Introduction to Managerial Accounting (3 cr. hrs.)
 - minimum grade C
- ECON-E 201* Introduction to Microeconomics (3 cr. hrs.)
 - minimum grade C
- ECON-E 202 Introduction to Macroeconomics (3 cr. hrs.)
 - minimum grade C
- BUS-F 301 Financial Management (3 cr. hrs.)
 - minimum grade C
- BUS-M 301 Introduction to Marketing Management (3 cr. hrs.)
 - minimum grade C
- BUS-P 301 Operations Management (3 cr. hrs.)
 - minimum grade C
- BUS-K 321 Management of Information Technology (3 cr. hrs.)
 - minimum grade C

Computer Science Requirements

- CSCI-C 201 Computer Programming II (4 cr. hrs.)
 - minimum grade C
- CSCI-C 202 Computer Programming (4 cr. hrs.)
 - minimum grade C
- CSCI-C 251 Foundations of Digital Computing (4 cr. hrs.)
 - minimum grade C
- CSCI-C 311 Programming Languages (4 cr. hrs.)
 - minimum grade C
- CSCI-C 335 Computer Structures (4 cr. hrs.)
 - minimum grade C
- CSCI-C 343 Data Structures (4 cr. hrs.)
 - minimum grade C
- CSCI-C 346 Software Engineering (4 cr. hrs.)
 - minimum grade C
- CSCI-B 438 Foundations of Computer Networking (4 cr. hrs.)
 - minimum grade C
- CSCI-C 455 Analysis of Algorithms I (4 cr. hrs.)
 - minimum grade C
- CSCI-P 4451 Design Capstone (2 cr. hrs.)
 - minimum grade C
- CSCI-P 4461 Implementation Capstone (2 cr. hrs.)
 - minimum grade C
- CSCI-B 461 Database Concepts (4 cr. hrs.)
 - minimum grade C
- CSCI-B/C/P 4XX Two elective courses in CSCI-B, -C or -P numbered 400 or above. (6-8 cr. hrs.)
 - minimum grade C

¹CSCI-P445 and P446 must be completed as a Fall/Spring Sequence. If a student fails to complete CSCI-P446 the semester immediately following the completion of CSCI-P445, the student must repeat CSCI-P445 in a future semester in order to complete the sequence.

Science/Mathematics Track

The Science/Mathematics Option prepares students seeking employment in the technical areas of computer applications or who may pursue a graduate degree in computer science. Within this option, the student may select courses that prepare them for careers in areas such as systems software design and implementation and scientific computing applications.

Technical Writing Requirement (choose one)

- ENG-W 234* Technical Report Writing (3 cr. hrs.)
 - minimum grade C
 - OR (cr. hrs.)
 - minimum grade
 - ENG-W 290* Writing in the Arts and Sciences (3 cr. hrs.)
 - minimum grade C
- Mathematics Requirement (complete each course listed below)**
- MATH-M 215* Calculus I (5 cr. hrs.)
 - minimum grade C
 - MATH-M 216 Calculus II (5 cr. hrs.)
 - minimum grade C
 - MATH-M 303 Linear Algebra for Undergraduates (3 cr. hrs.)
 - minimum grade C
 - MATH-M 360 Elements of Probability Theory (3 cr. hrs.)
 - minimum grade C
 - MATH-M 3xx/4xx One approved MATH-M course at 300 or 400 level (3 cr. hrs.)
 - minimum grade C

Natural and Physical Sciences Requirement (minimum of 15 credits required; must include General Chemistry Sequence or the Calculus Based Physics Sequence)

- Physical Science Sequence (choose either CHEM-C 105/C125 & CHEM-C 106/C126 OR PHYS-P 221 & PHYS-P 222)
- CHEM-C 105/125 Principles of Chemistry I + lab; AND (5 cr. hrs.)
 - minimum grade C
 - CHEM-C 106/126 Principles of Chemistry II + lab (5 cr. hrs.)
 - minimum grade C

OR

- PHYS-P 221 Physics I AND (5 cr. hrs.)
 - minimum grade C
- PHYS-P222 Physics II (5 cr. hrs.)
 - minimum grade C

Natural & Physical Science Electives (to reach minimum of 15 credit hours)

Various Courses selected from among other natural and physical science courses to reach 15 credit hours 5+C

Computer Science Requirements

- CSCI-C 201 Computer Programming II (4 cr. hrs.)
 - minimum grade C
- CSCI-C 202 Computer Programming (4 cr. hrs.)

- minimum grade C
- CSCI-C 251 Foundations of Digital Computing (4 cr. hrs.)
 - minimum grade C
- CSCI-C 311 Programming Languages (4 cr. hrs.)
 - minimum grade C
- CSCI-C 335 Computer Structures (4 cr. hrs.)
 - minimum grade C
- CSCI-C 343 Data Structures (4 cr. hrs.)
 - minimum grade C
- CSCI-C 346 Software Engineering (4 cr. hrs.)
 - minimum grade C
- CSCI-C 455 Analysis of Algorithms (4 cr. hrs.)
 - minimum grade C
- CSCI-P 436 Introduction to Operating Systems (4 cr. hrs.)
 - minimum grade C
- CSCI-P 4451 Design Capstone (cr. hrs.)
 - minimum grade
- CSCI-P 4461 Implementation Capstone (cr. hrs.)
 - minimum grade
- CSCI-B/C/P 4XX 3 elective courses in CSCI-B, -C or -P numbered 400 or above. (9-12 cr. hrs.)
 - minimum grade C

¹CSCI-P445 and P446 must be completed as a Fall/Spring Sequence. If a student fails to complete CSCI-P446 the semester immediately following the completion of CSCI-P445, the student must repeat CSCI-P445 in a future semester in order to complete the sequence.

General & Upper-Level Electives

Students must complete a minimum of 120 credit hours and 30 credit hours at the 300-level or above. Elective courses may be necessary to complete the minimum credit hour requirements.

Minor in Computer Science

Minor Requirements

All courses below require a grade of C or higher.

Core Program

- CSCI-C 201 Computer Programming II (4 cr. hrs.)
 - minimum grade C
- CSCI-C 202 Computer Programming (4 cr. hrs.)
 - minimum grade C
- CSCI-C 251 Foundations of Digital Computing (4 cr. hrs.)

- minimum grade C

Specific Requirements for Concentrations

Concentration area (one required) with C minimum grade in all courses.

1. Information Technology Option: CSCI-A 247, CSCI-N 341 and CSCI-N 342.
2. Computer Networking Option: CSCI-A 247, CSCI-B 438 and CSCI-C 335.
3. Database Systems Option: CSCI-C 343 and CSCI-B 461
4. Client Server Option: BUS-K 321, CSCI-N 341, and CSCI-N 342.

Certificate in Information Technology

The Information Technology Certificate (ITC) is a 15-19 credit hour program designed for students of any major who aspire to incorporate computer information technology in their specific field. A student will acquire a strong background in problem solving techniques by completing two computer-programming courses.

Student Learning Goals

Upon completion of the ITC, students will be capable of the following:

- understanding, troubleshooting, and managing computing resources
- deploying technology in industry situations.

IT Certificate Residency Requirement

The Computer Science Department enforces the IU Southeast Certificate Residency Requirement (minimum of 50% of total credits) with no additions.

Admission Requirements

To be accepted into the ITC Program, a student must satisfy IUS admission requirements (see *Requirements for Entering Students*). Additionally, two years of high school mathematics or the equivalent score on the math placement test is indispensable. All courses required for the IT Certificate must be completed with a grade of C or higher. An overall GPA of at least a 2.0 is required.

IT Certificate Core

All courses below must be completed with a grade of C or higher.

- CSCI-C or BUS-K 106* or 201 Introduction to Computers and their Use (3 cr. hrs.)
 - minimum grade C

Choose one programming sequence (2 courses, 6-8 credit hours)

- CSCI-A 201 Introduction to Programming I (3 cr. hrs.)
 - minimum grade C
- CSCI-A 202 Introduction to Programming II (3 cr. hrs.)
 - minimum grade C

OR

- CSCI-C 201 Computer Programming II (4 cr. hrs.)
 - minimum grade C

- CSCI-C 202 Introduction to Software Systems (4 cr. hrs.)
 - minimum grade C

OR

- INFO-I 210 Information Infrastructure I (4 cr. hrs.)
 - minimum grade C
- INFO-I 211 Information Infrastructure II (4 cr. hrs.)
 - minimum grade C

IT Certificate Electives

All courses below require a grade of C or higher

Complete one of the following Tracks (one track is required):

- Information Systems Track (6 Credit Hours) (cr. hrs.)
 - minimum grade
- CSCI-A 121 Cyberspace Influences on Privacy, Security, and Society (3 cr. hrs.)
 - minimum grade C
- CSCI-N 211 Introduction to Databases (3 cr. hrs.)
 - minimum grade C
- CSCI-A 211 Word Processing Applications (3 cr. hrs.)
 - minimum grade C
- CSCI-A 212 Spreadsheet Applications (3 cr. hrs.)
 - minimum grade C
- CSCI-A 213 Database Applications (3 cr. hrs.)
 - minimum grade C
- CSCI-A 247 Network Technologies and Administration (3 cr. hrs.)
 - minimum grade C
- Fine Arts Track (6 Credit Hours) (cr. hrs.)
 - minimum grade
- FINA-P323 Introduction to Web Design (3 cr. hrs.)
 - minimum grade C
- FINA-S254 Beginning Typography (3 cr. hrs.)
 - minimum grade C
- FINA-S351 Graphic Design 2 (3 cr. hrs.)
 - minimum grade C
- FINA-S352 Graphid Design 3 (3 cr. hrs.)
 - minimum grade C
- FINA-T338 Special Topics in Digital Media (3 cr. hrs.)
 - minimum grade C

Geoscience Track (6 Credit Hours)

- GEOG-G338 Geographic Information Science (3 cr. hrs.)
 - minimum grade C
- GEOG-G438 Advanced Geographic Information Systems (3 cr. hrs.)
 - minimum grade C

Journalism Track (6 Credit Hours)

- JOUR-J210 Visual Communication (3 cr. hrs.)
 - minimum grade C
- JOUR-J362 Journalism Multimedia Storytelling (3 cr. hrs.)
 - minimum grade C
- JOUR-J425 Supervision of School Media (3 cr. hrs.)
 - minimum grade C

Nursing Track (6 Credit Hours)

- NURS-H335 Data Analysis/Practice and Research (cr. hrs.)
- XXXX-Xxxx Any Course From Another Listed Track (3 cr. hrs.)
 - minimum grade C

Sociology Track (6 Credit Hours)

- SOC-S380 Introduction to Methods and Social Research I (3 cr. hrs.)
 - minimum grade C
- SOC-S381 Introduction to Methods and Social Research II (3 cr. hrs.)
 - minimum grade C

Psychology Track (6 Credit Hours)

- PSY-P341 Research and Quantitative Methods in Psychology I (3 cr. hrs.)
 - minimum grade C
- PSY-P342 Research and Quantitative Methods in Psychology II (3 cr. hrs.)
 - minimum grade C
- PSY-P354 Statistical Analysis in Psychology (3 cr. hrs.)
 - minimum grade C

Business Track (6 Credit Hours)

- BUS-K321 Management of Information Technology (3 cr. hrs.)
 - minimum grade C
- BUS-K330 Special Topics: Information Technology Management Issues (3 cr. hrs.)
 - minimum grade C
- BUS-K340 Enterprise Resource Planning Systems (3 cr. hrs.)
 - minimum grade C
- BUS-K440 Business Intelligence (3 cr. hrs.)
 - minimum grade C
- BUS-P301 Operations Management (3 cr. hrs.)
 - minimum grade C

- BUS-P330 Project Management (3 cr. hrs.)
 - minimum grade C
- BUS-P421 Supply Chain Management (3 cr. hrs.)
 - minimum grade C
- ECON-E280 Applied Statistics for Business and Economics I (3 cr. hrs.)
 - minimum grade C
- ECON-E281 Applied Statistics for Business and Economics II (3 cr. hrs.)
 - minimum grade C

Education Track (6 Credit Hours)

- EDUC-W or EDUC-R 200 or 531 Computer in Education (3 cr. hrs.)
 - minimum grade C
- EDUC-W 506 Using the Internet in K-12 Classrooms (3 cr. hrs.)
 - minimum grade C
- EDUC-W 520 Technical Issues in Computer-Based Education (3 cr. hrs.)
 - minimum grade C
- EDUC-W 540 Computer-Based Teaching Methods (3 cr. hrs.)
 - minimum grade C
- Criminal Justice Track (6 Credit Hours) (cr. hrs.)
- CJUS-P295 Criminal Justice Data, Methods, and Resources (3 cr. hrs.)
 - minimum grade C
- XXXX-Xxxx Any Course From Another Listed Track (cr. hrs.)

Certificate in Network Technology

The IU Southeast Certificate in Network Technology is an introductory program for teaching students about designing, configuring and maintaining computer networks. Upon completion of this program, students have the skills and knowledge for various entry-level positions in the field of information technology and computer networking. Possible careers may include IT technician, PC technician, computer network technician, network support technician, and computer support specialist. Graduates with this certificate can go on to complete their bachelor's degree or immediately enter the workforce.

Dept.	Course Number	Title	Credit Hours	Minimum Grade
CSCI-C	201	Computer Programming I	4	C
CSCI-C	202	Computer Programming II	4	C

CSCI-A	247	Network Technologies and Administration	3	C
CSCI-B	438	Fundamentals of Computer Networks	4	C

Certificate in Web Programming

The IU Southeast Certificate in Web Programming is an introductory program for students to gain the technical skills and techniques to build dynamic websites and applications. High quality web design is essential for the success of organizations, and they rely on web developers to design and maintain their online presence for customers around the world. Graduates with this certificate can go on to complete their bachelor's degree or immediately enter the workforce.

Complete the following courses:

Dept.	Course Number	Title	Credit Hours	Minimum Grade
CSCI-C	201	Computer Programming I	4	C
CSCI-C	202	Computer Programming II	4	C
CSCI-A	213	Database Applications	3	C

Complete one of the following tracks:

Informatics Track				
Dept.	Course Number	Title	Credit Hours	Minimum Grade
INFO-I	330	Legal and Social Informatics	3	C
INFO-I	427	Search of Security Informatics	3	C

Computer Science Track				
Dept.	Course Number	Title	Credit Hours	Minimum Grade
CSCI-N	341	Introduction to Client-side Web Programming	3	C
CSCI-N	342	Server-side Programming	3	C

for the
Web

Geosciences

Contact Information

Natural Sciences Office: (812) 941-2284
Website: <https://www.ius.edu/geosciences/>

Academics

Undergraduate Degrees

- Bachelor of Arts

Undergraduate Certificates

- Certificate in Sustainability

Minors

- Geography Minor
- Geology Minor
- Geosciences Minor

Program Information

Mission/Vision Statement

The mission of the Geoscience program is to provide an excellent scientific education through teaching, scholarship, and service. Our program offers a number of tracks in the Geosciences that support student career goals and aspirations. This program has a history of providing students with the knowledge and skills necessary for pursuing professional development and/or advanced education; and in preparation for employment.

Scholarships/Awards

Students entering the university in pursuit of a Geoscience degree can complete for the four year renewable Malcom Kochert Scholarship for Physical Sciences.

Geoscience (Bachelor of Arts)

The Geosciences program offers a Bachelor of Arts in Geosciences with five concentrations: Human Geography, Geographic Information Science, Environmental Geography, Physical Geography, and Geology. These disciplines prepare students for working in a broad range of Geoscience careers including the private sector, local, state and federal government, and as a preparation for graduate studies.

Geosciences

Student Learning Goals

1. Geoscience majors will acquire substantive knowledge of global spatial patterns and concepts central to the study geoscience.
2. Geoscience majors will acquire the analytical and technical skills necessary to perform spatial analysis and research using GIS or other technologies.
3. Geoscience majors will compete successfully in the professional job market or gain admittance to an advanced Geoscience graduate program.

Geoscience BA Residency Requirement

The Geoscience Department enforces the IU Southeast Residency Requirement and the School of Natural Sciences' Residency Requirement with no additions.

Degree Program Admission Requirements

To be fully admitted to the Bachelor of Arts in Geosciences degree program, students must meet the School of Natural Science's admission requirements and complete GEOG-G 107 (Physical Systems of the Environment) or GEOL-G 100 (General Geology) with a grade of C or better.

General Education & BA Distribution Components

All students pursuing the Bachelor of Arts in Geosciences must complete the campus General Education Core Requirements. See *General Education Component for all IU Southeast Baccalaureate Degrees* for a complete listing of requirements.

Students must also complete the campus BA Distribution requirements as stated in *Bachelor of Arts Degree Requirements*.

Core Program

All courses listed below require a grade of C or better.

Courses marked with an asterisk (*) can be used to satisfy a General Education Core Requirement or a BA Distribution Requirement.

Note: Students are eligible to complete no more than two geography tracks and may not double dip courses taken for the Geography/Geology Concentration Requirements, Upper-Level Geography/Geology Requirement, Geography/Geology Elective Requirements, & Geography/Geology Capstone to count for any of the other tracks, including the Geology Track.

Required Math (FOR ALL GEOGRAPHY TRACKS)

Note: Students are eligible to complete no more than two geography tracks.

- MATH-M118* or higher level Finite Mathematics (3 cr. hrs.)
 - minimum grade C

Required Math (FOR GEOLOGY TRACK)

- MATH-M215* Calculus I (5 cr. hrs.)
 - minimum grade C

Geoscience Core Requirements for all Geography Tracks and the Geology Tracks

- GEOL-G100* General Geology (5 cr. hrs.)
 - minimum grade C
- GEOG-G201* World Regional Geography (3 cr. hrs.)
 - minimum grade C
- GEOG-G338 Geographic Information Science (All students pursuing the GIS Track must complete this course on the IU Southeast campus.) (3 cr. hrs.)
 - minimum grade C

Required Geography Courses (required for all Geography Tracks)

- GEOG-G107* Physical Systems of the Environment (3 cr. hrs.)

- minimum grade C
- GEOG-G108*Physical Systems of the Environment - Lab(2 cr. hrs.)
 - minimum grade C
- GEOG-G110*Introduction to Human Geography(3 cr. hrs.)
 - minimum grade C
- GEOG-G333Introductory Cartography(3 cr. hrs.)
 - minimum grade C

Environmental Geography Track

Additional course work required outside of Geosciences for Environmental Track.

- BIOL-L200*Environmental Biology & Conservation(3 cr. hrs.)
 - minimum grade C

Specific Requirements for Environmental Track - Upper Level Course

- GEOG-G315Environmental Conservation(3 cr. hrs.)
 - minimum grade C

Environmental Track Concentration Course: Students must select one.

- GEOG-G307*Biogeography(3 cr. hrs.)
 - minimum grade C
- GEOG-G308*Disasters: Natural/Human Induced(3 cr. hrs.)
 - minimum grade C
- GEOG-G432Current Issues in Environmental Conservation(3 cr. hrs.)
 - minimum grade C
- GEOL-G300*Environmental and Urban Geology(3 cr. hrs.)
 - minimum grade C

Geography/Geology Electives

Students must select 6 additional credit hours at the 300-400 level, from Geography and Geology courses, that relate to the track, with approval of the Geoscience advisor.

Capstone

Students must select one capstone course. Students that wish to use the Internship or Research to satisfy the Capstone requirement must be pre-approved by the Geoscience Coordinator.

- GEOG-G450Undergraduate Readings and Research in Geography(3 cr. hrs.)
 - minimum grade C
- GEOG-G460Internship Geographical Analysis(3 cr. hrs.)
 - minimum grade C
- GEOG-G490Senior Seminar in Geography(3 cr. hrs.)
 - minimum grade C

Geographic Information Science Track

Additional coursework required outside of Geosciences for GIS Track

- MATH-K300Statistics(3 cr. hrs.)
 - minimum grade C

Choose one of the following Computer Science courses:

- CSCI-A201Introduction to Programming(3 cr. hrs.)
 - minimum grade C
- CSCI-N211Introduction to Databases(3 cr. hrs.)
 - minimum grade C

Specific Requirements for GIS Track - Upper Level Course

- GEOG-G438Advanced Geographic Information Science(3 cr. hrs.)
 - minimum grade C

GIS Track Concentration Course

- GEOG-G439Seminar in Geographic Information Science(3 cr. hrs.)
 - minimum grade C

Geography/Geology Electives

Students must select 6 additional credit hours at the 300-400 level, from Geography and Geology courses, that relate to the track, with approval of the Geoscience advisor.

Capstone

Students must select one capstone course. Students that wish to use the Internship or Research to satisfy the Capstone requirement must be pre-approved by the Geosciences Coordinator.

- GEOG-G450Undergraduate Research and Readings in Geography(3 cr. hrs.)
 - minimum grade C
- GEOG-G460Geography Internship(3 cr. hrs.)
 - minimum grade C
- GEOG-G490Senior Seminar in Geography(3 cr. hrs.)
 - minimum grade C

Human Geography Track

Specific Requirements for Human Geography Track - Upper Level Courses: students must select one.

- GEOG-G323Geography of Latin America(3 cr. hrs.)
 - minimum grade C
- GEOG-G326Geography of North America(3 cr. hrs.)
 - minimum grade C
- GEOG-G425Africa: Contemporary Geographic Problems(3 cr. hrs.)
 - minimum grade C

Human Geography Track Concentration Course - Students must select one.

- GEOG-G213 Introduction to Economic Geography(3 cr. hrs.)
 - minimum grade C
- GEOG-G307*Biogeography: Distribution of Life(3 cr. hrs.)
 - minimum grade C
- GEOG-G418*Historical Geography(3 cr. hrs.)
 - minimum grade C

Geography/Geology Electives

Students must select 6 additional credit hours at the 300-400 level, from Geography and Geology courses, that relate to the track, with approval of the Geoscience advisor.

Capstone

Students must select one capstone course. Students that wish to use the Internship or Research to satisfy the Capstone requirement must be pre-approved by the Geosciences Coordinator.

- GEOG-G450 Undergraduate Research and Readings in Geography(3 cr. hrs.)
 - minimum grade C
- GEOG-G460 Internship Geographical Analysis(3 cr. hrs.)
 - minimum grade C
- GEOG-G490 Senior Seminar in Geography(3 cr. hrs.)
 - minimum grade C

Physical Geography Track

Additional coursework required outside of Geosciences

Students must select 5 additional credit hours from approved laboratory courses in Biology (BIOL, PLSC, or ZOOL), Chemistry, or Physics.

Specific Requirements for Physical Geography Track - Upper Level Courses (Students must select one)

- GEOG-G304*Physical Meteorology & Climatology(3 cr. hrs.)
 - minimum grade C
- GEOG-G308*Natural Disasters(3 cr. hrs.)
 - minimum grade C
- GEOG-G404 Geography of Soils(3 cr. hrs.)
 - minimum grade C
- GEOL-G415*Geomorphology(3 cr. hrs.)
 - minimum grade C

Physical Geography Track Concentration

Students must select one course, but that course must be different than the one chosen as an upper level course.

- GEOG-G304*Physical Meteorology & Climatology(3 cr. hrs.)
 - minimum grade C
- GEOG-G308*Disasters: Natural/Human Induced(cr. hrs.)
 - minimum grade
- GEOG-G404 Geography of Soils(3 cr. hrs.)
 - minimum grade C
- GEOL-G415*Geomorphology(3 cr. hrs.)
 - minimum grade C
- GEOL-G451 Principles of Hydrogeology(3 cr. hrs.)
 - minimum grade C

Geography/Geology Electives

Students must select 6 additional credit hours at the 300-400 level, from Geography and Geology courses, that relate to the track, with approval of the Geoscience advisor.

Capstone

Students must select one capstone course. Students that wish to use the Internship or Research to satisfy the Capstone requirement must be pre-approved by the Geosciences Coordinator.

- GEOG-G450 Undergraduate Research and Readings in Geography(3 cr. hrs.)
 - minimum grade C
- GEOG-G460 Internship Geographical Analysis(3 cr. hrs.)
 - minimum grade C
- GEOG-G490 Senior Seminar in Geography(3 cr. hrs.)
 - minimum grade C
-

Geology Track

Additional coursework required outside of Geosciences

Students on the Geology Track are required to complete 15 additional credit hours in Biology (BIOL, PLSC, or ZOOL), Chemistry, or Physics. It is recommended that students take a 10 credit hour sequence from one Natural Science Discipline (General Chemistry or General Physics) approved by the Geoscience Advisor.

Required Geology Courses

- GEOL-G221*Introductory Mineralogy(4 cr. hrs.)
 - minimum grade C
- GEOL-G222 Introduction to Petrology(4 cr. hrs.)
 - minimum grade C

- GEOL-G334 Principles of Sedimentology and Stratigraphy (4 cr. hrs.)
 - minimum grade C

Specific Requirement for Geology Track - Upper Level Course

- GEOL-G415*Geomorphology (3 cr. hrs.)
 - minimum grade C

Geology Track Concentration Course: students must select one course

- GEOG-G304*Physical Meteorology and Climatology (3 cr. hrs.)
 - minimum grade C
- GEOG-G404 Geography of Soils (3 cr. hrs.)
 - minimum grade C
- GEOL-G300*Environmental and Urban Geology (3 cr. hrs.)
 - minimum grade C
- GEOL-G415*Geomorphology (3 cr. hrs.)
 - minimum grade C

Geography/Geology Electives

Students must select 6 additional credit hours at the 300-400 level, from Geography and Geology courses, that relate to the track, with approval of the Geoscience advisor.

Capstone

Students must select one capstone course. Both Internship and Research must be pre-approved by the Geosciences Coordinator.

- GEOL-G410 Undergraduate Research in Geology (3 cr. hrs.)
 - minimum grade C
- GEOL-G460 Internship in Geology (3 cr. hrs.)
 - minimum grade C

General & Upper-Level Electives

Students must complete a minimum of 120 credit hours and 30 credit hours at the 300-level or above. Elective courses may be necessary to complete the minimum credit hour requirements.

Minor in Geology

Required Courses

- GEOL-G 100 Earth Science – Geologic Aspects (5 cr. hrs.)
 - minimum grade C
- GEOL-G 221 Introductory Mineralogy (4 cr. hrs.)
 - minimum grade C
- GEOL-G 222 Introduction to Petrology (4 cr. hrs.)
 - minimum grade C

Electives

Students must select 6 additional credit hours in Geology courses at the 300-400 level, with at least 3 credit hours in lecture-based courses, with approval of the Geoscience advisor.

Minor in Geoscience

Required course. Students must select one.

- GEOG-G 107 Physical Systems of the Environment (3 cr. hrs.)
 - minimum grade C
- GEOL-G 100 Earth Science: Geologic Aspects (5 cr. hrs.)
 - minimum grade C

Course required for all Geoscience Concentration. Students must select one.

- AST-A 100 The Solar System (3 cr. hrs.)
 - minimum grade C
- AST-A 105 Stars and Galaxies (3 cr. hrs.)
 - minimum grade C
- GEOG-G 201 World Regional Geography (3 cr. hrs.)
 - minimum grade C
- GEOL-G 221 Introductory Mineralogy (4 cr. hrs.)
 - minimum grade C

Electives

Students must select 9-12 additional credit hours from Astronomy, Geography, and/or Geology courses, with at least 6 credit hours in lecture-based courses at the 300-400 level, with approval of the Geoscience advisor. Students cannot earn a minor in Geoscience if they apply for a Geoscience major or a Geography or Geology minor.

Minor in Geography

The Geography Minor is useful to all students interested in broadening their knowledge of the natural and socio-economic systems of the World. The Geography Minor is an important addition to many majors, in particular Biology, Chemistry, Education, and Geology.

Required Courses (Complete all three)

- GEOG-G 107 Physical Systems of the Environment (3 cr. hrs.)
 - minimum grade C
- GEOG-G 110 Introduction to Human Geography (3 cr. hrs.)
 - minimum grade C
- GEOG-G 201 World Regional Geography (3 cr. hrs.)
 - minimum grade C

Course required for all Geography Concentration. Students must select one.

- GEOG-G 333 Introductory Cartography (3 cr. hrs.)

- minimum grade C
- GEOG-G 338 Introduction of Geographic Information Science (3 cr. hrs.)
 - minimum grade C

Electives

Students must select 6 additional credit hours from Geography and Geology courses, with at least 3 credit hours in lecture-based courses at the 300-400 level, with approval of the Geoscience advisor.

Informatics

Contact Information

Natural Sciences Office: (812) 941-2284
Website: <https://www.ius.edu/informatics/>

Academics

Undergraduate Degrees

- Bachelor of Science
 - Biology
 - Business
 - Chemistry
 - Criminal Justice
 - Computer Networking
 - Digital Media
 - Geoscience
 - Health Science
 - Journalism
 - Pre-M.B.A.
 - Psychology
 - Sociology
- Bachelor of Science (Online)

Minors

- Informatics Minor

Program Information

Mission/Vision Statement

The Department of Informatics fosters a broad and interdisciplinary view of informatics and uses this view to serve our constituencies in teaching, research, and civic engagement.

In teaching, we strive to prepare our students to become life-long learners as well as highly skilled professionals with strong technical and analytical skills that can be applied to other disciplines, such as arts & humanities, business, health sciences, natural sciences, and social sciences.

Through research, the faculty endeavors to generate new knowledge and stay current in a constantly changing social and psychology dimension of information technology. The faculty introduces research results in the classroom and laboratory, and fosters the development of undergraduate research techniques thus promoting these necessary skills in our students.

In civic engagement, we thematically link community-based research, collaborative projects, service-learning, mentored internships, reflective experiential learning, and study abroad opportunities for helping our students advance on this essential learning goal.

Informatics (Bachelor of Science)

Students who successfully complete the Bachelor of Science in Informatics will have a sound understanding of Informatics and will wield a broad range of informatics skills to approach and synthesize information, and develop creative Informatics solutions. The students will also be conversant in both oral and written forms of interdisciplinary communication to facilitate the application of theory and methods to the socio-technical problems facing society today.

Informatics

Student Learning Goals

1. The graduate will be able to serve as a liaison between an organization's nontechnical personnel and its information technology personnel; thus providing the vital communication link between end users of technology and those who develop the technology for the end users.
2. The graduate will be able to recognize opportunities for the application of "off-the-shelf" technology to the day-to-day problems faced by the graduate's organization. Furthermore, the graduate, in many cases, will be able to apply this off-the-shelf technology directly to solving these problems.
3. The graduate will be able to recognize and propose the creation of new information technology solutions to the organization's long-term problems. The graduate will contribute to the development of these new solutions by representing the nontechnical end users in the development process.

Informatics BS Residency Requirement

The Informatics Department enforces the IU Southeast Residency Requirement and the School of Natural Sciences Residency Requirement with no additions.

Degree Program Admission Requirements

To be fully admitted to the Bachelor of Science in Informatics degree program, students must meet the School of Natural Science's admission requirements and complete INFO-I 101 (Introduction to Informatics) with a grade of C or better.

General Education Component

All students pursuing the Bachelor of Science in Informatics must complete the campus General Education Core Requirements. See General Education Component for all IU Southeast Baccalaureate Degrees for a complete listing of requirements.

Core Program

All courses listed below require a grade of C or better. Courses marked with an asterisk (*) can be used to satisfy a General Education Core Requirement.

Technical Writing Requirement

- ENG-W 234* Technical Report Writing (3 cr. hrs.)
 - minimum grade C

Information Technology Fluency Requirement

- INFO-I 110 Basic Tools of Informatics I - Programming Concepts (1.5 cr. hrs.)

- minimum grade C
- INFO-I 111 Basic Tools of Informatics I - Introduction to Databases (1.5 cr. hrs.)
 - minimum grade C

Choose one option set from the following two options.

Note: The course sets in the options cannot be mixed and matched. Students must select and complete an option in its entirety.

- INFO-I 330 Legal and Social Informatics of Security AND (3 cr. hrs.)
 - minimum grade C
- INFO-I 427 Search Informatics (3 cr. hrs.)
 - minimum grade C

OR

- CSCI-N 341 Introduction to Client-side Web Programming AND (3 cr. hrs.)
 - minimum grade C
- CSCI-N 342 Server-side Programming for the Web (3 cr. hrs.)
 - minimum grade C

International Dimension

Choose from one of the following options:

1. Three semesters in the same foreign language, or demonstrated equivalent proficiency.
 2. An international experience approved by the program director.
 3. Two courses from the IU Southeast Informatics International Dimension list, displayed below. **Note: These courses cannot be used to satisfy other General Education requirements or Cognate Requirements for the BS in Informatics.** See <http://www.ius.edu/natural-sciences/programs/informatics/degree-requirements/international-dimension/index.html> to see if additional course options have been added since publication of this Bulletin.
- FINA-A 150 African, New World and Oceanic Art (3 cr. hrs.)
 - minimum grade D-
 - HIST-F 100 Issues in Latin American History (3 cr. hrs.)
 - minimum grade D-
 - HIST-F 232 Upheaval in 20th-Century Latin America (3 cr. hrs.)
 - minimum grade D-
 - HIST-G 100 Issues in Asian History (3 cr. hrs.)
 - minimum grade D-
 - HIST-H 207 Modern East Asian Civilization (3 cr. hrs.)
 - minimum grade D-
 - PHIL-P 170 Introduction to Asian Philosophy (3 cr. hrs.)
 - minimum grade D-
 - POLS-Y 107 Introduction to Comparative Politics (3 cr. hrs.)
 - minimum grade D-
 - POLS-Y 109 Introduction to International Relations (3 cr. hrs.)
 - minimum grade D-
 - POLS-Y 369 Introduction to East Asian Politics (3 cr. hrs.)
 - minimum grade D-
 - BUS-D 300 International Business Administration (3 cr. hrs.)
 - minimum grade D-
 - EALC-J 202 Second Year Japanese 2 (3 cr. hrs.)
 - minimum grade D-
 - FINA-A 362 Art of Japan (3 cr. hrs.)
 - minimum grade D-
 - FINA-A 451 Art of the South Pacific (3 cr. hrs.)
 - minimum grade D-
 - FREN-F 250 Second Year French II: Language & Culture (3 cr. hrs.)
 - minimum grade D-
 - FREN-F 363 Introduction a la France Moderne (3 cr. hrs.)
 - minimum grade D-
 - GER-G 250 Intermediate German II (3 cr. hrs.)
 - minimum grade D-
 - HIST-E 100 Intro to African History (3 cr. hrs.)
 - minimum grade D-
 - INFO-I 356 Globalization, Where We Fit In (3 cr. hrs.)
 - minimum grade D-
 - MUS-M 375 Survey of Ethnic and Popular Music of the World (3 cr. hrs.)
 - minimum grade D-
 - PHIL-P 334 Buddhist Philosophy (3 cr. hrs.)
 - minimum grade D-
 - PHIL-P 374 Early Chinese Philosophy (3 cr. hrs.)
 - minimum grade D-
 - PSY-P 457 Topics in Psychology (3 cr. hrs.)
 - minimum grade D-
 - SOC-S 308 Global Society (3 cr. hrs.)
 - minimum grade D-
 - SPAN-S 250 Second Year Spanish II (3 cr. hrs.)
 - minimum grade D-

- SPAN-S 275 Hispanic Culture and Conversation (3 cr. hrs.)
 - minimum grade D-
- SPAN-S 411 Spain: The Cultural Context (3 cr. hrs.)
 - minimum grade D-
- SPCH-S 427 Cross Cultural Communication (3 cr. hrs.)
 - minimum grade D-

Informatics Core Requirements

- INFO-I 101 Introduction to Informatics (4 cr. hrs.)
 - minimum grade C
- INFO-I 201 Mathematical Foundations of Informatics (4 cr. hrs.)
 - minimum grade C
- INFO-I 202 Social Informatics (3 cr. hrs.)
 - minimum grade C
- INFO-I 210 Information Infrastructure I (4 cr. hrs.)
 - minimum grade C
- INFO-I 211 Information Infrastructure II (4 cr. hrs.)
 - minimum grade C
- INFO-I 300 Human-Computer Interaction (3 cr. hrs.)
 - minimum grade C
- INFO-I 308 Information Representation (3 cr. hrs.)
 - minimum grade C
- INFO-I 421 Applications for Data Mining (3 cr. hrs.)
 - minimum grade C
- INFO-Y 395 Career Development for Informatics Majors (1 cr. hrs.)
 - minimum grade C

Upper Division Major Electives

Select two of the following Upper Division Informatics courses.

- INFO-I 303 Organizational Informatics (3 cr. hrs.)
 - minimum grade C
- INFO-I 320 Distributed Systems and Collaborative Computing (3 cr. hrs.)
 - minimum grade C
- INFO-I 441 Interaction Design Practice (3 cr. hrs.)
 - minimum grade C

Capstone Course Requirement

Choose one of the following options (INFO-I-494/495 or INFO-I-491)

- INFO-I 494 Design and Development of an Information System; and (3 cr. hrs.)
 - minimum grade C
- INFO-I 495 Design and Development of an Information System (3 cr. hrs.)
 - minimum grade C

OR

- INFO-I 491 Capstone Project Internship* (3-6 cr. hrs.)
 - minimum grade C

***NOTE:** If the internship is selected, students are required to complete 6 credit hours INFO-I 491 for their capstone project internship, i.e. 360 hours of supervised work. There is a maximum of 6 credit hours allowed for INFO-I 491. Capstone project internship proposals must be pre-approved by the Informatics coordinator in writing before any work on the internship begins. Contact the Informatics coordinator at least 2 semesters in advance to the planned semester to discuss your proposal and its approval formalities.

Cognate-Specific Requirements

Students pursuing the B.S. in Informatics must select a cognate area or "track" and complete course work identified in the grids below to complete their degree. Cognate courses may not "double count" as International Dimension courses but may "double count" with General Education Requirements. Courses marked with an asterisk (*) will satisfy a General Education Requirement.

Choose one from the approved list of IU Southeast Cognate Areas: (**Note:** each cognate's specific courses are listed as follows.)

- Biology
- Business
- Chemistry
- Criminal Justice
- Computer Networking
- Digital Media
- Geosciences
- Health Science
- International Relations
- Journalism
- Pre-M.B.A.
- Psychology
- Public Service & Public Policy
- Sociology

Biology Cognate Core

- BIOL-L 101* Introduction to Biological Sciences 1 (5 cr. hrs.)
 - minimum grade C
- BIOL-L 102* Introduction to Biological Sciences 2 (5 cr. hrs.)
 - minimum grade C
- BIOL-L 211 Molecular Biology (3 cr. hrs.)
 - minimum grade C

Biology Cognate Electives

Choose two lectures and at least one corresponding, concurrent lab.

- BIOL-L 311/ 319 Genetics/ Genetics Laboratory (3-5 cr. hrs.)
 - minimum grade C
- BIOL-L 312/ 313 Cell Biology/ Cell Biology Laboratory (3-5 cr. hrs.)
 - minimum grade C
- MICR-M 310/ 315 Microbiology/ Microbiology Laboratory (3-5 cr. hrs.)
 - minimum grade C

Business Cognate Core

- BUS-A 201 Introduction to Financial Accounting (3 cr. hrs.)
 - minimum grade C
- ECON-E 201* Introduction to Microeconomics (3 cr. hrs.)
 - minimum grade C
- ECON-E 280 Applied Statistics for Business and Economics I (3 cr. hrs.)
 - minimum grade C

Business Cognate Electives

Choose any three courses from the list below.

- BUS-F 301 Financial Management (3 cr. hrs.)
 - minimum grade C
- BUS-K 321 Management Information Systems (3 cr. hrs.)
 - minimum grade C
- BUS-M 300 Introduction to Marketing* (3 cr. hrs.)
 - minimum grade C
- BUS-P 301 Operations Management (3 cr. hrs.)
 - minimum grade C
- BUS-Z 302 Managing and Behavior in Organizations (3 cr. hrs.)
 - minimum grade C

**Note: BUS-M 301 Introduction to Marketing Management may be substituted for BUS-M 300, but BUS-M 301 has ECON-E 202 as an additional prerequisite.*

Chemistry Cognate Core

- CHEM-C 105* Principles of Chemistry I (3 cr. hrs.)
 - minimum grade C
- CHEM-C 106 Principles of Chemistry II (3 cr. hrs.)
 - minimum grade C
- CHEM-C 125* Experimental Chemistry I (2 cr. hrs.)
 - minimum grade C
- CHEM-C 341 Organic Chemistry I Lectures (3 cr. hrs.)
 - minimum grade C

- CHEM-C 362 Physical Chemistry of Molecules (3 cr. hrs.)
 - minimum grade C

Chemistry Cognate Electives

Choose any two courses from the list below.

- CHEM-C 361 Physical Chemistry of Bulk Matter (3 cr. hrs.)
 - minimum grade C
- CHEM-C 342 Organic Chemistry Lectures 2 (3 cr. hrs.)
 - minimum grade C
- CHEM-C 318 Spectrochemistry and Separations (3 cr. hrs.)
 - minimum grade C
- CHEM-C 484 Biomolecules and Catabolism (3 cr. hrs.)
 - minimum grade C
- CHEM-C 485 Biosynthesis and Physiology (3 cr. hrs.)
 - minimum grade C

Computer Networking Cognate Core

Note: If a CSCI Cognate Course is closed or is NOT offered in the desired semester, the Informatics student needs to contact the Informatics Coordinator during the registration window of the said semester to find and preapprove a substitute course. Preapproval before taking the substitute course is mandatory.

- CSCI-A 247 Network Technologies and Administration (3 cr. hrs.)
 - minimum grade C
- CSCI-B 438 Fundamentals of Computer Networks (3 cr. hrs.)
 - minimum grade C
- CSCI-C 343 Data Structures (4 cr. hrs.)
 - minimum grade C
- CSCI-B 461 Database Concepts (4 cr. hrs.)
 - minimum grade C

Criminal Justice Cognate Core

Note: Criminal Justice Informatics students may not be required to meet all prerequisites listed elsewhere in the bulletin; however, to enroll in certain courses, you may need to contact your Academic Advisor for permission.

- CJUS-P 100 Intro to Criminal Justice (3 cr. hrs.)
 - minimum grade C
- CJUS-P 200 Theories of Crime and Deviance (3 cr. hrs.)
 - minimum grade C
- CJUS-P 295 Criminal Justice Data, Methods, & Resources (3 cr. hrs.)
 - minimum grade C

Criminal Justice Cognate Electives

Choose any three courses from the list below.

- CJUS-P 374 Substantive Criminal Law (3 cr. hrs.)
 - minimum grade C
- CJUS-P 302 Courts and Criminal Justice (3 cr. hrs.)
 - minimum grade C
- CJUS-P 301 Police in Contemporary Society (3 cr. hrs.)
 - minimum grade C

Digital Media Cognate Core

Note: For the courses listed here, Digital Media Informatics students may not be required to meet the FINA prerequisites as they are shown elsewhere in this bulletin; however, to enroll in certain courses, you may need to contact your Academic Advisor for permission.

- FINA-P 273 Computer Art and Design I (3 cr. hrs.)
 - minimum grade C
- FINA-S 250 Graphic Design I (3 cr. hrs.)
 - minimum grade C
- FINA-S 351 Typography I (3 cr. hrs.)
 - minimum grade C
- FINA-S 352 Graphic Design III (3 cr. hrs.)
 - minimum grade C
- FINA-T 338 Special Topics in Digital Media (3 cr. hrs.)
 - minimum grade C
- FINA-P 323 Intro to Web Design (3 cr. hrs.)
 - minimum grade C

Geosciences Cognate Core

- MATH-K 300 Statistical Techniques for Health Professions (3 cr. hrs.)
 - minimum grade C
- GEOG-G 338 Geographic Information Science (3 cr. hrs.)
 - minimum grade C
- GEOG-G 438 Advanced Geographic Information Science (3 cr. hrs.)
 - minimum grade C
- GEOG-G 439 Seminar in Geographic Information Science (3 cr. hrs.)
 - minimum grade C

Geoscience Cognate Electives

Choose one course from the list below with program director approval.

- GEOG-G 450 Undergraduate Readings & Research in Geography (3 cr. hrs.)
 - minimum grade C

- GEOG-G 460 Internship Geographical Analysis (3 cr. hrs.)
 - minimum grade C

Health Science Cognate Core

Note: Several of the Health Science Cognate courses must be completed online through IUPUI. IUPUI tuition is required for these select courses. Contact your Academic Advisor for more information.

- AHLT-M 390 Coding I (3 cr. hrs.)
 - minimum grade C
- AHLT-M 391 Coding II (3 cr. hrs.)
 - minimum grade C
- HIM-M 322 Hospital Organization Management (3 cr. hrs.)
 - minimum grade C
- HIM-M 325 Healthcare Information Requirements and Standards (3 cr. hrs.)
 - minimum grade C
- HIM-M 350 Medical Science I (3 cr. hrs.)
 - minimum grade C
- HIM-M 420 Healthcare Information Project Management (3 cr. hrs.)
 - minimum grade C
- HIM-M 345 Medicine and the Law (1 cr. hrs.)
 - minimum grade C
- HIM-M 470 Healthcare Reimbursement Systems (3 cr. hrs.)
 - minimum grade C

International Relations Cognate Core

- POLS-Y 107* Introduction to Comparative Politics (3 cr. hrs.)
 - minimum grade C
- POLS-Y 109* Introduction to International Relations (3 cr. hrs.)
 - minimum grade C
- POLS-Y 205 Analyzing Politics (3 cr. hrs.)
 - minimum grade C

International Relations Cognate Electives - Choose 3 of the following:

- POLS-Y 349 Comparative Public Policy (3 cr. hrs.)
 - minimum grade C
- POLS-Y 354 Ethnicity & Nationalism (3 cr. hrs.)
 - minimum grade C
- POLS-Y 360 US Foreign Policy (3 cr. hrs.)
 - minimum grade C
- POLS-Y 374 International Organizations (3 cr. hrs.)

- minimum grade C
- POLS-Y 376 International Political Economy (3 cr. hrs.)
 - minimum grade C
- POLS-Y 471 Terrorism (3 cr. hrs.)
 - minimum grade C
- Topics Course Globalization(3 cr. hrs.)
 - minimum grade C
- Topics Course Human Rights(3 cr. hrs.)
 - minimum grade C

Journalism Cognate Core

- JOUR-C 200* Introduction to Mass Communication (3 cr. hrs.)
 - minimum grade C
- JOUR-J 200* Writing for Mass Media (3 cr. hrs.)
 - minimum grade C
- JOUR-J 210 Visual Communication (3 cr. hrs.)
 - minimum grade C
- JOUR-J 341 Newspaper Reporting (3 cr. hrs.)
 - minimum grade C
- FINA-P 323 Introduction to Web Design (3 cr. hrs.)
 - minimum grade C

Pre-MBA Cognate Core

- BUS-A 201 Introduction to Financial Accounting (3 cr. hrs.)
 - minimum grade C
- BUS-A 202 Introduction to Managerial Accounting (3 cr. hrs.)
 - minimum grade C
- ECON-E 201 Introduction to Microeconomics (3 cr. hrs.)
 - minimum grade C
- ECON-E 202 Introduction to Macroeconomics (3 cr. hrs.)
 - minimum grade C
- ECON-E 280 Applied Statistics for Business and Economics I (3 cr. hrs.)
 - minimum grade C
- BUS-F 301 Financial Management (3 cr. hrs.)
 - minimum grade C
- BUS-K 321 Management Information Systems (3 cr. hrs.)
 - minimum grade C
- BUS-P 301 Operations Management (3 cr. hrs.)
 - minimum grade C

- BUS-M 301 Introduction to Marketing Management (3 cr. hrs.)
 - minimum grade C
- MATH-M 119 Brief Survey of Calculus I (3 cr. hrs.)
 - minimum grade C

Psychology Cognate Core

- PSY-P 101* Introductory Psychology 1 (3 cr. hrs.)
 - minimum grade C
- PSY-P 102* Introductory Psychology 2 (3 cr. hrs.)
 - minimum grade C
- PSY-P 341 Research and Quantitative Methods I (3 cr. hrs.)
 - minimum grade C
- PSY-P 342 Research and Quantitative Methods II (3 cr. hrs.)
 - minimum grade C
- PSY-P 493 Independent Study* (1-3 cr. hrs.)
 - minimum grade C

**NOTE: Students enrolling in PSYC-P 493 must have program director's approval. Students will work with a professor to propose and carry out at least a one credit hour Informatics project related to any 300- or 400- level psychology class.*

Psychology Cognate Electives

Choose any one course from the list below.

- PSY-P 324 Abnormal Psychology (3 cr. hrs.)
 - minimum grade C
- PSY-P 329 Sensation and Perception (3 cr. hrs.)
 - minimum grade C
- PSY-P 335 Cognitive Psychology (3 cr. hrs.)
 - minimum grade C
- PSY-B 378 Introduction to Industrial Psychology (3 cr. hrs.)
 - minimum grade C

Public Service & Public Policy Cognate Core

- POLS-Y 103* Introduction to American Politics (3 cr. hrs.)
 - minimum grade C
- POLS-Y 205 Analyzing Politics (3 cr. hrs.)
 - minimum grade C

Public Service & Public Policy Cognate Electives

Choose four of the following

- POLS-Y 302 Public Bureaucracy in Modern Society (3 cr. hrs.)
 - minimum grade C

- POLS-Y 303 Public Policy (3 cr. hrs.)
 - minimum grade C
- POLS-Y 304 Constitutional Law (3 cr. hrs.)
 - minimum grade C
- POLS-Y 306 State Politics (3 cr. hrs.)
 - minimum grade C
- POLS-Y 349 Comparative Public Policy (3 cr. hrs.)
 - minimum grade C
- POLS-Y 379 Ethics in Public Policy (3 cr. hrs.)
 - minimum grade C
- POLS-Y 402 Public Budgeting (3 cr. hrs.)
 - minimum grade C
- POLS-Y 403 Legal Issues in Public Bureaucracy (3 cr. hrs.)
 - minimum grade C
- POLS-Y 404 Public Personnel Management (3 cr. hrs.)
 - minimum grade C

Sociology Cognate Core

- SOC-S 163* Social Problems (3 cr. hrs.)
 - minimum grade C
- SOC-S 380 Methods and Statistics 1 (3 cr. hrs.)
 - minimum grade C
- SOC-S 381 Methods and Statistics 2 (3 cr. hrs.)
 - minimum grade C

Sociology Cognate Electives

Choose any three courses from the list below.

- SOC-S 305 Population (3 cr. hrs.)
 - minimum grade C
- SOC-S 314 Social Aspects of Health & Medicine (3 cr. hrs.)
 - minimum grade C
- SOC-S 319 Science, Technology & Society (3 cr. hrs.)
 - minimum grade C
- SOC-S 360 Topics in Social Policy (3 cr. hrs.)
 - minimum grade C
- SOC-S 405 Selected Social Institutions (3 cr. hrs.)
 - minimum grade C
- SOC-R 481 Evaluation Research Methods (3 cr. hrs.)
 - minimum grade C

General & Upper-Level Electives

Students must complete a minimum of 120 credit hours and 30 credit hours at the 300-level or above. Elective courses may be necessary to complete the minimum credit hour requirements.

Bachelor of Science in Informatics - Online Collaborative

Program Description

This is a joint degree offered by six campuses of IU, under the direction of the [Office of Collaborative Academic Programs](#). A faculty team, with representation from each campus, developed the shared curricular framework for this degree. The joint degree format permits the campuses to share faculty resources and thereby provide educational opportunities to students in their regions that those students might not otherwise have. Students may take informatics courses from any of the six participating campuses and have those courses apply to their degree at their home campus.

Learning Outcomes

1. Foundations of Informatics and Computing
 1. Knowledge of discrete mathematics (Sets, functions, etc.)
 2. Ability to understand and apply statistics for data analysis
 3. Ability to understand and apply the concepts of probability
 4. Basics of computers and informatics (including hardware, software, survey of informatics cognates)
 5. Knowledge of basic information representation: (binary, octal, and hex number systems)
2. Problem Solving and Programming
 1. Basic problem solving techniques (pseudocoding, flow charting)
 2. Low level representation of data (bit, byte, int, float, char, unicode, string, audio, video, image)
 3. Fundamental programming skills (variables, conditionals, loops, subprograms, and parameter passing)
 4. Proficiency in at least one programming language. Proficiency is defined as the ability to design, implement, test, and debug structured and object-oriented programs.
 5. Ability to design, implement, test, and debug web-based solutions
 6. Ability to discuss and/or construct memory based structures and algorithms (Arrays (single, multidimensional), Lists (single, double, circular), stacks, queues, binary trees)
3. Analysis and Design of Large Systems
 1. Ability to use object oriented modeling to devise a solution to a large-scale problem
 2. Ability to perform functional decomposition of a large-scale problem
 3. Ability to develop a data model and subsequent design and implementation

- of a database for a discipline-specific problem (including knowledge of XML and SQL)
4. Ability to carry out key tasks of project management as it relates to large information systems projects
 5. Ability to identify elements of proper interface design, and ability to build user-centered interfaces
4. Collaboration and Teamwork with Emphasis on Virtual Teams
1. Proficiency of contemporary technological tools for communication and collaboration
 2. Proficiency of technological tools for collaboratively designing and coding programs
 3. Ability to effectively utilize oral, written, and visual communications of both qualitative and quantitative information within the context of a team
 4. Skills, behaviors and attitudes necessary to function as an effective team member
5. Societal and Ethical Implications of Informatics
1. Articulate legal and ethical issues when using the creative work of others; respect the intellectual property of others
 2. Awareness of societal laws and ethical use of information including the use of scenarios and cases to show the applications of ethical principles
 3. Understanding of information privacy laws
 4. Create a personal code of ethics; articulate principles for resolving ethical conflicts
 5. Applications of ethical principles in research (IRB, human subject studies, animal studies, maintaining anonymity and proper data handling)
6. Application of Informatics Skills to Another Area of Specialization (cognate)
1. Assessed by each cognate area

Degree Requirements

Students receiving the Bachelor of Science in Informatic degree must complete 120 total credit hours including:

- General Education Core (30 cr.)
 - Informatics Core (48 cr.)
 - Specialization Area (15 cr.)
 - Electives as needed to complete 120 total credit hours
-
- A minimum of 30 credit hours at the 300- or 400-level
 - Courses required for the major must be completed with a grade of C or higher
 - A minimum GPA of 2.0 is required
 - Courses are 3 credit hours unless otherwise noted

Informatics Core (48 cr.)

Note about required INFO-C courses: These courses were created for joint online program, and are not exact replicas of the INFO-I courses taken by students in the on-campus program. Instead they contain the breadth of possibilities

offered by all participating campuses combined and when viewed in their entirety provide the same core learning outcomes as the on-campus face-to-face programs.

Dept.	Course Number	Course Name	Credit Hours	Minimum Grade
INFO-C	100	Informatics Foundations	3	C
INFO-C	112	Tools of Informatics: Programming and Databases	3	C
INFO-C	201	Mathematical Foundations of Informatics	3	C
INFO-C	203	Social Informatics	3	C
INFO-C	210	Problem Solving and Programming I	3	C
INFO-C	211	Problem Solving and Programming II	3	C
INFO-C	300	Human Computer Interaction	3	C
INFO-C	307	Data Representation and Organization	3	C
INFO-C	399	Database Systems	3	C
INFO-C	413	Web Design and Development	3	C
INFO-C	450	System Design	3	C
INFO-C	451	System Implementation	3	C
INFO-C	452	Project Management	3	C
INFO-	XXX	Informatics Electives	9	C

Specialization Area (15 cr.)

Students must complete one of the following specializations: Business, Health Information Management, or Legal Informatics.

Business

- BUS-J 404 Business and Society
- BUS-Z 440 Personnel: Human Resource Management
- Complete one of the following:
 - BUS-A 200 Foundations of Accounting

- BUS-A 201 Introduction to Financial Accounting
- BUS-A 202 Introduction to Managerial Accounting
- Complete one of the following:
 - BUS-M 300 Introduction to Marketing
 - BUS-M 301 Introduction to Marketing Management
- Complete one of the following:
 - BUS-F 301 Financial Management
 - BUS-F 302 Financial Decision Making

Health Information Management

- Complete one of the following:
 - HIM-M 330 Medical Terminology
 - HIM-M 195 Medical Terminology
 - AHLT-M 195 Medical Terminology
 - AHLT-M 330 Medical Terminology
- Complete one of the following:
 - HIM-M 108 Introduction to Health Information Management
 - HIM-M 101 Introduction to Health Records
 - AHLT-M 192 Introduction to Health Information Management and Reimbursement
 - AHLT-M 392 Introduction to Health Information Management and Reimbursement
- Complete one of the following:
 - HIM-M 325 Health Information Requirements and Standards I
 - HIM-M 301 Healthcare Quality and Information Management
- Complete one of the following:
 - HIM-M 425 Quantitative Analysis of Health Information
 - HIM-M 107 Computer Application in Health Information Technology
- Complete one of the following:
 - HIM-M 350/351 (6 cr.) Pathophysiology and Pharmacology for HIM I & II
 - HIM-M 410 Computer Systems in Healthcare

Legal Informatics

- INFO-C 401 Foundations in Legal Informatics
- INFO-C 402 Legal and Social Informatics of Security
- INFO-C 403 Electronic Discovery
- INFO-C 404 Litigation Support Systems and Courtroom Presentations
- INFO-C 405 Technology and the Law

Academic Policies Specific to this Collaborative Degree Program

1. Movement between on-campus degree programs and the collaborative B.S. in Informatics

To provide flexibility in scheduling for students, while maintaining the continuity of the informatics program, the faculty will identify specific points in the informatics curriculum when students can move back and

forth between the online and on-campus programs. At any other point in the program, students who are currently enrolled in an on-campus informatics program must receive permission from their advisor and the campus informatics director to change to the collaborative online program. Similarly, students who are currently enrolled in the collaborative online program must receive permission to change to an on-campus program. The student's campus of enrollment will determine how often such permission may be granted to a particular student.

Minor in Informatics

Students interested in the Informatics Minor are required to take the following:

- Three courses from the Informatics core course list.
- Two courses from the upper division Informatics courses.

Why obtain a Minor in Informatics?

- Informatics and computing are affecting almost all human endeavors.
- Adding an Informatics Minor will complement and enhance a student's major area of study.
- The graduate will more effectively use technology in her/his vocations and avocations.

Suggested Informatics Minor Tracts (Sequence)

Transdisciplinary Track - Informatics Minor (can be completed in 1 year - Spring, Summer, Fall)

- INFO-I 101
- INFO-I 202
- INFO-I 303
- INFO-I 330
- INFO-I 356

The Transdisciplinary Track is recommended for students pursuing a non-technical major. Many of the courses on the Transdisciplinary Track are offered online, so it is a very flexible track that can be accommodated into one's schedule easily. Students interested in the Transdisciplinary Track should contact the Academic Advisors in the School of Natural Sciences (LF 258) for personal guidance on developing a semester-by-semester course plan.

Design Track - Informatics Minor

- INFO-I 101
- INFO-I 210
- INFO-I 300
- INFO-I 303
- INFO-I 330

Technical Track - Informatics Minor

- INFO-I 101
- INFO-I 210
- INFO-I 308
- INFO-I 320
- INFO-I 427

Note: INFO-I 110 and INFO-I 111 are recommended for students with no prior exposure to computer programming.

Mathematics

Indiana University Southeast offers Bachelor of Arts and Bachelor of Science degrees in mathematics which provide a sound background for students who plan on studying for advanced degrees in mathematics, as well as for students who plan on following careers in industry, business, or education.

Contact Information

Natural Sciences Office: (812) 941-2284
Website: <https://www.ius.edu/mathematics/>

Academics

Undergraduate Degrees

- Bachelor of Arts
- Bachelor of Science

Minors

- Mathematics Minor

Mathematics (Bachelor of Science)

The Bachelor of Science in Mathematics gives a sound preparation in mathematics along with substantial background in the natural sciences. The BS in Mathematics will prepare students for a career in the actuarial field, statistics, or data analysis, or graduate study in mathematics, statistics, or related fields. The degree can be readily completed along with a degree in secondary education for students who wish to teach high school mathematics. With suitable electives, the degree may prepare a student for graduate study in computer science or careers in software development, management science, finance, or other areas in business or industry. Students preparing for graduate study in mathematics are encouraged to take both sequences, MATH-M 403-404 and MATH-M 413-414.

Mathematics

Because the BS in Mathematics shares many courses with the BS in Secondary Education with a major in mathematics, it is straightforward to complete a double degree in these areas. It is also not difficult to complete double degrees in Computer Science/Math-Science Option with the BS in Mathematics. The BS in Mathematics can be combined with coursework in business for those interested in careers in actuarial science, finance, or management science.

Student Learning Goals

1. Students will acquire mathematical knowledge.
2. Students will develop analytical and reasoning skills.
3. Students will be prepared for further study and for careers in their field.

Mathematics BS Residency Requirement

The Mathematics Department enforces the IU Southeast Residency Requirement and School of Natural Sciences Residency Requirement with no additions.

Degree Program Admission Requirements

To be fully admitted to the Bachelor of Science in Mathematics degree program, students must meet the School of Natural Science's admission requirements and complete MATH-M 215 (Analytic Geometry with Calculus I) with a grade of C or better.

General Education Component

All students pursuing the Bachelor of Science in Mathematics must complete the campus General Education Core Requirements. See *General Education Component for all IU Southeast Baccalaureate Degrees* for a complete listing of requirements.

Core Program

All courses listed below require a grade of C or better. Courses marked with an asterisk (*) can be used to satisfy a General Education Core Requirement.

Written Communication

- ENG-W 234* Technical Report Writing (3 cr. hrs.)

- minimum grade C

AND

- MATH-M 380* History of Mathematics (3 cr. hrs.)

- minimum grade C

OR

- MATH-M 436 Introduction to Geometries (3 cr. hrs.)

- minimum grade C

Career Focus

Two semesters of the same foreign language OR eight hours of courses in the School of Education, OR eight hours in Computer Science above the CSCI-C 201-202 sequence already required by the BS in Mathematics 8 C

Science Requirements

- BIOL Three (3) credit hours in Biology (3 cr. hrs.)

- minimum grade C

- CSCI-C 201 Computer Programming II (4 cr. hrs.)

- minimum grade C

- CSCI-C 202 Introduction to Software Systems (4 cr. hrs.)

- minimum grade C

Student must choose one of two options:

Physics PHYS-P 221-222 or CHEM-C 105-125 and C106-126

- PHYS-P 221* Physics I (5 cr. hrs.)

- minimum grade C

- PHYS-P 222 Physics II (5 cr. hrs.)

- minimum grade C

OR

- CHEM-C 105* Principles of Chemistry I (3 cr. hrs.)
 - minimum grade C
- CHEM-C 125* Experimental Chemistry I (2 cr. hrs.)
 - minimum grade C
- CHEM-C 106 Principles of Chemistry II (3 cr. hrs.)
 - minimum grade C
- CHEM-C 126 Experimental Chemistry II (2 cr. hrs.)
 - minimum grade C

Mathematics Core

- MATH-M 215* Analytic Geometry and Calculus I (5 cr. hrs.)
 - minimum grade C
- MATH-M 216 Analytic Geometry and Calculus II (5 cr. hrs.)
 - minimum grade C
- MATH-M 303 Linear Algebra for Undergraduates (3 cr. hrs.)
 - minimum grade C
- MATH-M 311 Calculus 3 (3 cr. hrs.)
 - minimum grade C
- MATH-M 360 Elements of Probability (3 cr. hrs.)
 - minimum grade C
- MATH-M 391 Introduction to Mathematical Reasoning (3 cr. hrs.)
 - minimum grade C
- MATH-M 493 Senior Thesis in Mathematics (1 cr. hrs.)
 - minimum grade C

Mathematics Sequence

Students must take MATH-M 403 and MATH-M413.

- MATH-M 403 Introduction to Modern Algebra I (3 cr. hrs.)
 - minimum grade C
- MATH-M 413 Introduction to Analysis I (3 cr. hrs.)
 - minimum grade C

Mathematics Electives (Select 3 of the following.)

Note: Courses selected to satisfy the Written Communication Requirement and the Math Sequence Requirement may not double count as Mathematics Electives.

- MATH-M 312 Calculus IV (3 cr. hrs.)
 - minimum grade C
- MATH-M 313 Elementary Differential Equations with Applications (3 cr. hrs.)
 - minimum grade C

- MATH-M 366 Elements of Statistical Inference (3 cr. hrs.)
 - minimum grade C
- MATH-M 380 History of Mathematics (3 cr. hrs.)
 - minimum grade C
- MATH-M 403 Introduction to Modern Algebra I (3 cr. hrs.)
 - minimum grade C
- MATH-M 404 Introduction to Modern Algebra II (3 cr. hrs.)
 - minimum grade C
- MATH-M 405 Number Theory (3 cr. hrs.)
 - minimum grade C
- MATH-M 413 Introduction to Analysis I (3 cr. hrs.)
 - minimum grade C
- MATH-M 414 Introduction to Analysis II (3 cr. hrs.)
 - minimum grade C
- MATH-M 415 Elementary Complex Variables with Applications (3 cr. hrs.)
 - minimum grade C
- MATH-M 421 Elementary Topology I (3 cr. hrs.)
 - minimum grade C
- MATH-M 422 Elementary Topology II (3 cr. hrs.)
 - minimum grade C
- MATH-M 435 Introduction to Differential Geometry (3 cr. hrs.)
 - minimum grade C
- MATH-M 436 Introduction to Geometries (3 cr. hrs.)
 - minimum grade C
- MATH-M 471 Numerical Analysis I (3 cr. hrs.)
 - minimum grade C

Because the B.S. in Secondary Education (teaching major in mathematics) requires a substantial amount of mathematics, it is straightforward to complete a B.S. in Mathematics as well as the B.S. in Secondary Education by completing the latter degree and taking several additional courses. Likewise, it is straightforward to complete the B.S. in Mathematics along with the B.S. in Computer Science (Mathematics/Science Option), by completing the latter degree and taking several additional courses. Students pursuing either option will receive a double degree (not a double major) by completing all required courses for each degree. Please contact the Mathematics Department advisor for more information.

General & Upper-Level Electives

Students must complete a minimum of 120 credit hours and 30 credit hours at the 300-level or above. Elective courses may be necessary to complete the minimum credit hour requirements.

Mathematics (Bachelor of Arts)

The Bachelor of Arts in Mathematics gives a sound preparation in mathematics for students who desire a broad liberal arts education. A BA in mathematics will prepare a student for graduate study in mathematics, statistics, or related fields, as well as career paths suitable for all liberal arts degrees, such as law. A BA in mathematics will prepare a student to enter careers in statistics, data analysis, or the actuarial field. With suitable electives, a the degree will prepare a student for further study in management science, finance, or other areas. Students preparing for graduate study in mathematics are encouraged to take both sequences, MATH-M 403-404 and MATH-M 413-414.

Mathematics

Student Learning Goals

1. Students will acquire mathematical knowledge.
2. Students will develop analytical reasoning skills.
3. Students will be prepared for further study and for careers in their field.

Mathematics BA Residency Requirement

The Mathematics Department enforces the IU Southeast Residency Requirement and the School of Natural Science Residency Requirement with no additions.

Degree Program Admission Requirements

To be fully admitted to the Bachelor of Arts in Mathematics degree program, students must meet the School of Natural Science's admission requirements and complete MATH-M 215 (Analytic Geometry & Calculus I) with a grade of C or better.

General Education Component

All students pursuing the Bachelor of Arts in Mathematics must complete the campus General Education Core Requirements. See *General Education Component for all IU Southeast Baccalaureate Degrees* for a complete listing of requirements.

Students must also complete the campus BA Distribution requirements as stated in *Bachelor of Arts Degree Requirements*.

Written Communication

- ENG-W 234* Technical Report Writing (3 cr. hrs.)
 - minimum grade C

Choose one of the following:

- MATH-M 380* History of Mathematics (3 cr. hrs.)
 - minimum grade C

OR

- MATH-M 436 Introduction to Geometries (3 cr. hrs.)
 - minimum grade C

Science Requirement

- CSCI-C 201 Computer Programming II (4 cr. hrs.)
 - minimum grade C

Mathematics Core

- MATH-M 215 Analytic Geometry and Calculus I (5 cr. hrs.)
 - minimum grade C
- MATH-M 216 Analytic Geometry and Calculus II (5 cr. hrs.)
 - minimum grade C
- MATH-M 303 Linear Algebra for Undergraduates (3 cr. hrs.)
 - minimum grade C
- MATH-M 311 Calculus III (3 cr. hrs.)
 - minimum grade C
- MATH-M 360 Elements of Probability (3 cr. hrs.)
 - minimum grade C
- MATH-M 391 Introduction to Mathematical Reasoning (3 cr. hrs.)
 - minimum grade C

Mathematics Sequence

Students must take the MATH-M 403 and MATH-M 413.

- MATH-M 403 Introduction to Modern Algebra I (3 cr. hrs.)
 - minimum grade C
- MATH-M 413 Introduction to Analysis 1 (3 cr. hrs.)
 - minimum grade C

Mathematics Elective

The student must take one additional mathematics course at the 300 or 400 level (excluding K 300).

Note: Courses selected to satisfy the Written Communication Requirement and the Math Sequence Requirement may not double count as the Mathematics Elective.

These requirements are a minimum; those students who are planning graduate study in mathematics are strongly encouraged to take both of the sequences M 403-M 404 and M 413-M 414. In addition, it is strongly recommended that the candidate take electives in areas related to mathematics. Depending on interests and goals, the candidate may choose these from other mathematics offerings; from computer science offerings such as C 251; from physics offerings such as P 221-P 222; from chemistry offerings such as C 105-C 106; or from various education courses leading to certification.

- MATH-M 312 Calculus IV (3 cr. hrs.)
 - minimum grade C
- MATH-M 313 Elementary Differential Equations with Applications (3 cr. hrs.)
 - minimum grade C
- MATH-M 366 Elements of Statistical Inference (3 cr. hrs.)
 - minimum grade C

- MATH-M 380 History of Mathematics (3 cr. hrs.)
 - minimum grade C
- MATH-M 403 Introduction to Modern Algebra I (3 cr. hrs.)
 - minimum grade C
- MATH-M 404 Introduction to Modern Algebra II (3 cr. hrs.)
 - minimum grade C
- MATH-M 405 Number Theory (3 cr. hrs.)
 - minimum grade C
- MATH-M 413 Introduction to Analysis I (3 cr. hrs.)
 - minimum grade C
- MATH-M 414 Introduction to Analysis II (3 cr. hrs.)
 - minimum grade C
- MATH-M 415 Elementary Complex Variables with Applications (3 cr. hrs.)
 - minimum grade C
- MATH-M 421 Elementary Topology I (3 cr. hrs.)
 - minimum grade C
- MATH-M 422 Elementary Topology II (3 cr. hrs.)
 - minimum grade C
- MATH-M 425 Graph (Network) Theory and Combinatorial Theory (3 cr. hrs.)
 - minimum grade C
- MATH-M 435 Introduction to Differential Geometry (3 cr. hrs.)
 - minimum grade C
- MATH-M 436 Introduction to Geometries (3 cr. hrs.)
 - minimum grade C
- MATH-M 447 Mathematical Models and Applications I (3 cr. hrs.)
 - minimum grade C
- MATH-M 471 Numerical Analysis I (3 cr. hrs.)
 - minimum grade C

General & Upper-Level Electives

Students must complete a minimum of 120 credit hours and 30 credit hours at the 300-level or above. Elective courses may be necessary to complete the minimum credit hour requirements.

Minor in Mathematics

Minor Requirements

All courses listed below require a grade of C or better.

Complete all three courses below:

- MATH-M 215 Calculus I (5 cr. hrs.)
 - minimum grade C

- MATH-M 216 Calculus II (5 cr. hrs.)
 - minimum grade C
- MATH-M 311 Calculus III (3 cr. hrs.)
 - minimum grade C

Complete one of the three courses below: 3

- MATH-M 303 Linear Algebra for Undergraduates (3 cr. hrs.)
 - minimum grade C
- MATH-M 313 Elementary Differential Equations with Applications (3 cr. hrs.)
 - minimum grade C
- MATH-M 360 Elements of Probability (3 cr. hrs.)
 - minimum grade C

Physics

Contact Information

Natural Sciences Office: (812) 941-2284

Website: <https://www.ius.edu/physics/>

Academics

Undergraduate Degrees

- Bachelor of Arts

Minors

- Physics Minor

Program Information

Vision Statement

Physics is the connection of explanatory concepts, principles, theories and hypotheses to the physical world.

These connections are often made in a quantitative way using the language of mathematics. Verification of the accuracy of these conceptual connections rests in measurements made of the physical world.

It is the actual process of how the scientific community makes the connection between concepts and physical measurements which insures that scientific knowledge is reliable. This is science's most important feature.

Communicating an understanding of this process to students is the primary goal of all physics courses taught at IUS.

Physics (Bachelor of Arts)

The physics department at IUS has a vibrant atmosphere despite its small size. Small class sizes and a small student to teacher ratio are conducive to effective learning, manifested in the fact that the gain scores in national standardized assessment tests in the introductory physics courses are considerably higher than the national average. All full-time physics faculty members at IUS hold a Ph. D. degree. The faculty members engage in research and scholarship and publish regularly in internationally recognized peer-reviewed journals. Plenty of opportunities exists for undergraduate students to gain professional experience by working closely with faculty and getting involved in their research projects.

Physics

Student Learning Goals

1. Students will understand the role of empirical data in establishing scientific knowledge.
2. Students will understand that, in addition to empirical evidence, science involves skepticism and rational arguments; that it is not an opinion but is rather a reasoned consensus among informed experts that improves over time.
3. Students will understand several paradigm examples of the fundamental conceptual models in Physics that underlie our current understanding of the physical world.

Physics BA Residency Requirement

In addition to the University Credit Hour & Residency Requirement, Physics Majors must complete the Capstone Course (PHYS-S406) and a minimum of two upper-level (300-400 level) Physics courses in residence at IU Southeast.

Degree Program Admission Requirements

To be fully admitted to the Bachelor of Arts in Physics degree program, students must meet the School of Natural Science's admission requirements and complete PHYS-P221 (Physics I) with a grade of C or better.

General Education Component

All students pursuing the Bachelor of Arts in Physics must complete the campus General Education Core Requirements. See *General Education Component for all IU Southeast Baccalaureate Degrees* for a complete listing of requirements.

Students must also complete the campus BA Distribution requirements as stated in *Bachelor of Arts Degree Requirements*. Courses marked with an asterisk (*) below will satisfy a General Education or BA Distribution Requirement.

Mathematics Requirements

- MATH-M 215* Analytic Geometry and Calculus I (5 cr. hrs.)
 - minimum grade C
- MATH-M 216 Analytic Geometry and Calculus II (5 cr. hrs.)
 - minimum grade C
- MATH-M 311 Calculus III (3 cr. hrs.)
 - minimum grade C
- MATH-M 313 Differential Equations (3 cr. hrs.)
 - minimum grade C

Chemistry Requirements

- CHEM-C 105* General Chemistry I (3 cr. hrs.)
 - minimum grade C
- CHEM-C 125* Experimental Chemistry I (2 cr. hrs.)
 - minimum grade C
- CHEM-C 106 General Chemistry II (3 cr. hrs.)

- minimum grade C

- CHEM-C 126 Experimental Chemistry II(2 cr. hrs.)

- minimum grade C

Computer Science Requirements

- CSCI-C 201 Computer Programming II (4 cr. hrs.)
 - minimum grade C
- CSCI-C 202 Introduction to Software Systems(4 cr. hrs.)
 - minimum grade C

Physics Requirements

- PHYS-P221* Physics I(5 cr. hrs.)
 - minimum grade C
- PHYS-P222 Physics II(5 cr. hrs.)
 - minimum grade C
- PHYS-P301 Physics III(3 cr. hrs.)
 - minimum grade C
- PHYS-P309 Intermediate Physics Lab(2 cr. hrs.)
 - minimum grade C
- PHYS-P331 Theory of Electricity and Magnetism I (3 cr. hrs.)
 - minimum grade C
- PHYS-P340 Thermodynamics and Statistical Mechanics(3 cr. hrs.)
 - minimum grade C
- PHYS-P441 Analytical Mechanics (3 cr. hrs.)
 - minimum grade C
- PHYS-P453 Intro. to Quantum Mechanics (3 cr. hrs.)
 - minimum grade C
- PHYS-S406 Physics Research/Capstone (1 cr. hrs.)
 - minimum grade C

General & Upper-Level Electives

Students must complete a minimum of 120 credit hours and 30 credit hours at the 300-level or above. Elective courses may be necessary to complete the minimum credit hour requirements.

Minor in Physics

Minor Requirements

All courses listed below require a grade of C or better.

Complete a minimum of 18 credit hours of physics.

- PHYS-P 201 & 202 General Physics I & II (5/5 cr. hrs.)
 - minimum grade C

OR

- PHYS-P 221 & 222 Physics I & II (5/5 cr. hrs.)

- minimum grade C

Complete each of the following

- PHYS-P 301 Physics III (3 cr. hrs.)

- minimum grade C

- PHYS-P 309 Modern Physics Lab (2 cr. hrs.)

- minimum grade C

- PHYS-P One additional course, 300-level or above (3 cr. hrs.)

- minimum grade C

Sustainability and Regeneration

Contact Information

Natural Sciences Office: (812) 941-2284

Website: <https://www.ius.edu/sustainability/>

Academics

Undergraduate Degrees

- Bachelor of Arts
- Bachelor of Science

Undergraduate Certificates

- Sustainability Certificate

Minors

- Sustainability and Regeneration Minor

Learning Outcomes

1. Comprehend the three pillars of sustainability and regeneration: Environmental, Social and Economic.
2. Explain the inter-relationships of Environmental, Social and Economic sustainability and regeneration.
3. Identify sustainability and regeneration principles within the student's concentration.
4. Document how sustainability and regeneration principles have influenced personal and professional values.
5. Analyze basic local, national and global problems using sustainability and regeneration principles.
6. Apply principles of sustainability and regeneration to propose solutions to local, national and global problems.
7. Evaluate and synthesize sustainability and regeneration information from multiple sources.
8. Present sustainability and regeneration work orally.
9. Present sustainability and regeneration work in writing.

Sustainability and Regeneration (Bachelor of Science)

Program Description

The Brundtland Commission (formerly, the World Commission on Environment and Development, 1987) envisioned the concept: sustainable development is development that "meets the needs of the present generation without compromising the ability of future generations to meet their own needs." The logical components of a sustainable development strategy encompass environmental, economic, social, and

political elements. This bachelor's curriculum is a truly multidisciplinary program, based on the three pillars of sustainability: environmental, social and economic.

Students attracted to the sustainability degree are expected to work for governments, private businesses, and special interest organizations that seek to sustain and improve both current and future conditions for life on earth. The interdisciplinary degree seeks to provide them with skills and perspectives that will serve the development of their own rewarding careers in this field.

The strengths of the BS program are:

- Offers a holistic interdisciplinary approach.
- Engages students in relevant civic engagement opportunities in the Southern Indiana - Louisville metropolitan region.
- Provides an alternative program for students interested in environmental issues but less interested in scientific occupations.
- Enhances the practical experience with courses in the social sciences, humanities, natural sciences, and business.
- Requires application of knowledge with independent research in a project.

Degree Requirements

- *General*

Complete 120 total credit hours, with at least 30 at the 300-400 (upper division) level, and a program cumulative grade point average of 2.0.

- *General Education Requirements (30 credit hours)*

Complete the [University General Education](#) requirements. Note: Some of the course options in some categories of the General Education curriculum also fulfill specific major requirements. Please see annotations in major grid below, identifying these double-duty courses, for maximizing your degree completion efficiency.

- *Major*
 - *Breadth Requirements (15 credit hours)*

Dept.	Course Number	Title	Credit Hours	Minimum Grade	Pre-Requisites
<i>Mathematics and Statistics</i>					
MATH-A	118 ¹	Finite Math for Social and Biological Sciences	3	C	MATH-M 101 with a C- or better or ALEKS Score >25
<i>and</i>					
MATH-K	300	Statistical Techniques for Health Professions	3	C	MATH-M 101 with a C- or better or ALEKS Score >25
<i>or</i>					
PSY-P	341	Research in	3	C	PSY-P 101,

		Psychology I			102, and MATH-A or MATH-M 118
or					
SOC-S	380	Methods of Social Research	3	C	Co-Req: SOC-S 260
or					
ECON-E	280	Applied Statistics for Business and Economics			MATH-M 122 and BUS-K 201
<i>Social and Natural Sciences</i>					
GEOG-G	338	Geographic Information Science	3	C	None
or					
ECON-E	338	Business and Economic Applications of Geographical Information Systems	3	C	ECON-E 200 and ECON-E 280 with C- and Junior Standing
and					
SOC-S	163 ²	Social Problems	3	C	None
or					
SOC-S	203	Sociological Concepts and Perspectives	3	C	None
<i>Research Writing: Choose one</i>					
ENG-W	231 ³	Professional Writing Skills	3	C	ENG-W 131
ENG-W	234 ³	Technical Report Writing	3	C	ENG-W 131
ENG-W	270 ³	Argumentative Writing	3	C	ENG-W 131

¹ Fulfills General Education Quantitative Reasoning requirement too.

² Fulfills General Education Social and Behavioral Sciences requirement too.

³ Fulfills General Education Second Level Written Communications Requirements too.

- Primary Sustainability Courses (12 credit hours)

Dept.	Course Number	Title	Credit Hours	Minimum Grade	Pre-Requisites
SUST-S	211	Sustainability and		C	None

		Regeneration: The Essentials			
PHYS-P	120	Energy and Technology	3	C	None
PHIL-P	237	Environmental Ethics	3	C	ENG-W 131
SOC-S	309	The Community	3	C	3 credits in Sociology

- Secondary Sustainability Courses (9 credit hours)

Complete one course from each discipline, Environmental, Social, and Economic Sustainability

Dept.	Course Number	Title	Credit Hours	Minimum Grade	Pre-Requisites
<i>Environmental Sustainability: Choose one</i>					
EDUC-Q	450/550	Science Technology and Society for a Changing World	3	C	None
BIOL-L	200	Environmental Biology and Conservation			None
<i>Social Sustainability: Choose one</i>					
SOC-S	305	Population	3	C	SOC-S 163 or 3 credit hours of introductory sociology.
SOC-S	308	Global Society	3	C	SOC-S 163 or 3 credit hours of introductory sociology.
<i>Economic Sustainability: Choose one</i>					
POLS-Y	376	International Political Economy	3	C	None
ECON-E	363	Environmental and Natural Resource Economics	3	C	ECON-E 201 and ECON-E 202

- Specialization Area (12-13 credit hours)

Choose one specialization area and complete a minimum of 12-13 credit hours in that area, beyond what was taken for Secondary Sustainability area above. Upper level (300-400 level) courses not used to fulfill the required secondary courses above may be used to fulfill this requirement. Course list is subject to change. Please consult with academic advisor for current

offerings. Check schedule of classes for necessary pre-requisites.

Environmental Sustainability Track Options

Dept.	Course Number	Title	Credit Hours	Minimum Grade
BIOL-L	303	Field Biology	3	C
BIOL-L	343	Applied Conservation Biology	3	C
BIOL-L	473/474	Ecology (lecture+lab)	3	C
CHEM-C	303	Environmental Chemistry	3	C
CHEM-C	305	Environmental Chemistry Seminar	1	C
CHEM-C	318	Spectrochemistry and Separations	3	C
CHEM-C	333	Experimental Environmental Chemistry	3	C
EDUC-Q	450	Science, Technology, & Society for a Changing World	3	C
GEOG-G	307	Biogeography	3	C
GEOG-G	314	Urban Geography	3	C
GEOG-G	315	Environmental Conservation	3	C
GEOG-G	338	Geographic Information Science	3	C
GEOG-G	369	Geography of Food	3	C
GEOL-G	300	Environmental and Urban Geology	3	C
GEOL-G	400	Energy: Sources and Needs	3	C
GEOG-G	432	Current Issues in Environmental Conservation	3	C
GEOG-G	438	Advanced Geographic Information Systems	3	C
GEOG-G	439	GIS and Environmental Analysis	3	C
MICR-M	420	Environmental Microbiology	3	C
PHYS-P	310	Environmental Physics	3	C

Social Sustainability Track Options

Dept.	Course Number	Title	Credit Hours	Minimum Grade
HIST-F	350	The Environment in Latin American History	3	C
HIST-F	360	Natural Disasters in Latin American History	3	C
HIST-H	373	History of Science and Technology	3	C
POLS-Y	303	Policy Making in the U.S	3	C
REL-R	371	Religion, Ethics, and the Environment	3	C
SOC-R	463	Inequality and Society	3	C
SOC-S	305	Populations	3	C
SOC-S	308	Global Society	3	C
SUST-S	361	Sustainability Abroad	3	C

Economic Sustainability Track Options

Dept.	Course Number	Title	Credit Hours	Minimum Grade
ECON-E	363	Environmental and Natural Resource Economics	3	C
POLS-Y	376	International Political Economy	3	C
SOC-S	360	Topics in Social Policy	3	C
SOC-S	419	Social Movements and Collective Action	3	C
SOC-S	403	Industry, Labor, and Community	3	C

Internship Option

Students may elect a COAS-S 399 Internship as part of the specialization area. A maximum of 2 credit hours of

internship credit may be applied to the specialization area; and must be pre-approved by faculty member sponsoring the internship.

- *Required Associated Discipline Minor (15-20)*

Bachelor's of Science students choose and complete a minor related to their area of specialization. Courses taken elsewhere in the degree may count toward the minor requirements.

Environmental Sustainability

- Biology
- Environmental Chemistry
- Geography
- Geology
- Geosciences
- Microbiology
- Physics

Social Sustainability

- Creative Writing
- History
- Literature
- Philosophy
- Professional Writing
- Psychology
- Sociology
- Writing

Economic Sustainability:

- Economics
- Political Science
- *Senior Experience Requirements (6 credit hours)*

To begin work on the Senior Experience, students must have completed all primary and secondary coursework as well as a minimum of 5 credits of specialization courses. As part of the Senior Experience, all students must complete one Experiential Learning Course and the Sustainability Capstone course.

Dept.	Course Number	Title	Credit Hours	Minimum Grade	Pre-Requisite
<i>Experiential Learning Option</i>					
SUST-S	491	Internship in Sustainability	3	C	Instructor Permission
SUST-S	415	Research in Sustainability and Regeneration	3	C	Instructor Permission
<i>Capstone Course</i>					
SUST-S	410	Readings in Sustainability and Regeneration	3	C	Completion of all primary and secondary courses; and 5 credits

toward
specialization.

Sustainability and Regeneration (Bachelor of Arts)

Program Description

The Brundtland Commission (formerly, the World Commission on Environment and Development, 1987) envisioned the concept: sustainable development is development that "meets the needs of the present generation without compromising the ability of future generations to meet their own needs." The logical components of a sustainable development strategy encompass environmental, economic, social, and political elements. This bachelor's curriculum is a truly multidisciplinary program, based on the three pillars of sustainability: environmental, social and economic.

Students attracted to the sustainability degree are expected to work for governments, private businesses, and special interest organizations that seek to sustain and improve both current and future conditions for life on earth. The interdisciplinary degree seeks to provide them with skills and perspectives that will serve the development of their own rewarding careers in this field.

The strengths of the BA program are:

- Offers a holistic interdisciplinary approach.
- Engages students in relevant civic engagement opportunities in the Southern Indiana - Louisville metropolitan region.
- Provides an alternative program for students interested in environmental issues but less interested in scientific occupations.
- Enhances the liberal arts experience with courses in the social sciences, humanities, natural sciences, and business.

Degree Requirements

- *General*

Complete 120 total credit hours, with at least 30 at the 300-400 (upper division) level, and a program cumulative grade point average of 2.0.

- *General Education Requirements (30 credit hours)*

Complete the [University General Education](#) requirements. Note: Some of the course options in some categories of the General Education curriculum also fulfill specific major requirements. Please see annotations in major grid below, identifying these double-duty courses, for maximizing your degree completion efficiency.

- *Bachelor of Arts Distribution Requirements (27 credits hours)*

Complete the additional BA Distribution requirements beyond General Education. Note: Some of the course options in some categories of the BA Distribution curriculum also fulfill specific major requirements. Please see annotations in major grid below, identifying these double-duty courses, for maximizing your degree completion efficiency.

- *Major*

- *Breadth Requirements (9 credit hours)*

Dept.	Course Number	Title	Credit Hours	Minimum Grade	Pre-Requisites
<i>Mathematics:</i>					
MATH-A	118 ¹	Finite Math for Social and Biological Sciences	3	C	MATH-M 101
<i>Social Sciences: Choose one</i>					
SOC-S	163 ²	Social Problems	3	C	None
SOC-S	203 ²	Sociological Concepts & Perspectives	3	C	None
<i>Research Writing: Choose one</i>					
ENG-W	231 ³	Professional Writing Skills	3	C	ENG-W 131
ENG-W	234 ³	Technical Report Writing	3	C	ENG-W 131
ENG-W	270 ³	Argumentative Writing	3		ENG-W 131

¹Fulfills General Education Quantitative Reasoning requirement too.

²Together fulfill both the General Education and BA Distribution Requirements in Social Sciences too.

³Fulfills General Education Second Level Writing requirement too.

- *Primary Sustainability Courses (12 credit hours)*

Dept.	Course Number	Title	Credit Hours	Minimum Grade	Pre-Requisites
SUST-S	211	Sustainability and Regeneration: The Essentials	3	C	None
PHYS-P	120 ¹	Energy and Technology	3	C	None
PHIL-P	237	Environmental Ethics	3	C	ENG-W 131
SOC-S	309	The Community	3	C	3 credits in Sociology.

¹Also fulfills BA Distribution requirement in Natural Sciences.

- *Secondary Sustainability Courses (9 credits)*

Complete one course from each discipline, Environmental, Social and Economic sustainability.

Dept.	Course Number	Title	Credit Hours	Minimum Grade	Pre-Requisites
<i>Environmental Sustainability: Choose one</i>					
EDUC-Q	450	Science Technology and Society for a Changing World	3	C	None
BIOL-L	200	Environmental Biology and Conservation	3	C	None
<i>Social Sustainability: Choose one</i>					
SOC-S	305	Population	3	C	3 credits in Sociology
SOC-S	308	Global Society	3	C	3 credits in Sociology
<i>Economic Sustainability: Choose One</i>					
POLS-Y	376	International Political Economy	3	C	None
ECON-E	363	Environmental and Natural Resource Economics	3	C	ECON-E 201 and ECON-E 202

- *Specialization Area Requirements (12-13)*

Choose one specialization area and complete a minimum of 12-13 credit hours in that area, beyond what was taken for Secondary Sustainability area above. Upper level (300-400 level) courses not used to fulfill the required secondary courses above may be used to fulfill this requirement. Course list is subject to change. Please consult with academic advisor for current offerings. Check schedule of classes for necessary pre-requisites.

Environmental Sustainability Options

Dept.	Course Number	Title	Credit Hours	Minimum Grade
BIOL-L	303	Field Biology	3	C
BIOL-L	343	Applied Conservation Biology	3	C
BIOL-L	473/474	Ecology (lecture+lab)	5	C
CHEM-C	303	Environmental Chemistry	3	C
CHEM-C	305	Environmental Chemistry Seminar	1	C

CHEM-C	318	Spectrochemistry and Separations	3	C
CHEM-C	333	Experimental Environmental Chemistry	3	C
EDUC-Q	450	Science, Technology, & Society for a Changing World	3	C
GEOG-G	307	Biogeography	3	C
GEOG-G	314	Urban Geography	3	C
GEOG-G	315	Environmental Conservation	3	C
GEOG-G	338	Geographic Information Science	3	C
GEOG-G	369	Geography of Food	3	C
GEOL-G	300	Environmental and Urban Geology	3	C
GEOL-G	400	Energy: Sources and Needs	3	C
GEOG-G	432	Current Issues in Environmental Conservation	3	C
GEOG-G	438	Advanced Geographic Information Systems	3	C
GEOG-G	439	GIS and Environmental Analysis	3	C
MICR-M	420	Environmental Microbiology	3	C
PHYS-P	310	Environmental Physics	3	C

Social Sustainability Options

Dept.	Course Number	Title	Credit Hours	Minimum Grade
HIST-F	350	The Environment in Latin American History	3	C
HIST-F	360	Natural Disasters in Latin American History	3	C
HIST-H	373	History of Science	3	C

POLS-Y	303	Policy Making in the U.S.	3	C
REL-R	371	Religion, Ethics, and the Environment	3	C
SOC-R	463	Inequality and Society	3	C
SOC-S	305	Populations	3	C
SOC-S	308	Global Society	3	C
SUST-S	361	Sustainability Abroad	3	C

Economic Sustainability Options

Dept.	Course Number	Title	Credit Hours	Minimum Grade
ECON-E	363	Environmental and Natural Resource Economics	3	C
POLS-Y	376	International Political Economy	3	C
SOC-S	360	Topics in Social Policy	3	C
SOC-S	419	Social Movements and Collective Action	3	C
SOC-S	403	Industry, Labor, and Community	3	C

Internship Option

Students may elect a COAS-S 399 Internship as part of the specialization area. A maximum of 2 credit hours of internship credit may be applied to the specialization area; and must be pre-approved by faculty member sponsoring the internship.

- *Senior Experience Requirements (6 credit hours)*

To begin work on Senior Experience, student must have completed all primary & secondary coursework as well as a minimum of 5 credits of specialization courses. As part of the Senior Experience, all students must complete one Experiential Learning Course and the Sustainability Capstone course.

Dept.	Course Number	Title	Credit Hours	Minimum Grade	Pre-Requisite
<i>Experiential Learning: Choose one</i>					

SUST-S 491	Internship3 in Sustainability	C	Instructor Permission
SUST-S 415	Research3 in Sustainability and Regeneration	C	Instructor Permission
<i>Capstone</i> SUST-S 410	Readings3 in Sustainability and Regeneration	C	Completion of all primary and secondary courses as well as 5 credits toward specialization area.

- Economic Sustainability (Choose one)
- ECON-E363 Environmental & Natural Resources (3 cr. hrs.)
 - minimum grade C
 - POLS-Y376 International Political Economy (3 cr. hrs.)
 - minimum grade C

Certificate in Sustainability

The certificate program provides an interdisciplinary combination of courses in a liberal arts setting that will prepare students for careers in environmental and sustainability education, advocacy, and management. The Brundtland Commission (formerly, the World Commission on Environment and Development, 1987) envisioned the concept: sustainable development is development that “meets the needs of the present generation without compromising the ability of future generations to meet their own needs.” The logical components of a sustainable development strategy encompass environmental, economic, social, and political elements. Students attracted to the environmental and sustainability management certificate are expected to work for governments, private businesses, and special interest organizations that seek to sustain and improve both current and future conditions for life on earth. The interdisciplinary certificate program seeks to provide them with skills and perspectives that will serve the development of their own rewarding careers in this field. The strengths of the certificate program are: Offers a holistic interdisciplinary approach; Engages students in relevant civic engagement opportunities in the Southern Indiana - Louisville metropolitan region; Provides an alternative program for students interested in environmental issues but less interested in scientific occupations; Enhances the liberal arts experience with courses in the social sciences, humanities, natural sciences, education and business.

Student Learning Goals

1. Comprehend the three pillars of sustainability: Environmental, Social and Economic.
2. Explain their inter-relationships Environmental, Social and Economic sustainability.
3. Identify sustainability principles within their academic specialty.
4. Be able to begin to analyze local, national and global problems using sustainability principles
5. Be able to begin to apply principles of sustainability to propose solution local, national and global problems.
6. Document how sustainability principles have influenced personal and professional values.

Sustainability Certificate Residency Requirement

The Sustainability Certificate program enforces the IU Southeast Certificate Residency Requirement (minimum of 50% of total credits) with no additions.

Core Program

All courses listed below require a grade of C or better.

- Primary Courses (Complete each of the following)
- PHYS-P 120 Energy & Technology (3 cr. hrs.)

Minor in Sustainability and Regeneration

The Minor in Sustainability provides an interdisciplinary combination of courses in a liberal arts setting that will prepare students for careers in environmental and sustainability education, advocacy, and management.

Minor Requirements

All courses listed below require a grade of C or better.

Primary Courses (Complete each of the following)

- SUST-S 211 Sustainability and Regeneration: The Essentials (3 cr. hrs.)
 - minimum grade C
- PHYS-P 120 Energy & Technology (3 cr. hrs.)
 - minimum grade C
- PHIL-P 237 Environmental Ethics (3 cr. hrs.)
 - minimum grade C
- SOC-S 309 The Community (3 cr. hrs.)
 - minimum grade C

Secondary Courses (Complete one course from each discipline below)

Environmental Science (Choose one)

- EDUC-Q 450 & 550 Science Technology & Society in a Changing World (3 cr. hrs.)
 - minimum grade C
- BIOL-L 200 Environmental Biology (3 cr. hrs.)
 - minimum grade C

Social Sustainability (Choose one)

- SOC-S 305 Populations & Human Ecology (3 cr. hrs.)
 - minimum grade C
- SOC-S 308 Global Society (3 cr. hrs.)
 - minimum grade C

- minimum grade C
- PHIL-P 237 Environmental Ethics (3 cr. hrs.)
 - minimum grade C
- SOC-S 309 The Community (3 cr. hrs.)
 - minimum grade C
- Secondary Courses (Complete one course from each discipline below)
- Environmental Science (Choose one)
 - EDUC-Q 450 & 550 Science Technology & Society in a Changing World (3 cr. hrs.)
 - minimum grade C
 - BIOL-L 200 Environmental Biology (3 cr. hrs.)
 - minimum grade C
- Social Sustainability (Choose one)
 - SOC-S 305 Populations & Human Ecology (3 cr. hrs.)
 - minimum grade C
 - SOC-S 308 Global Society (3 cr. hrs.)
 - minimum grade C
- Economic Sustainability (Choose one)
 - ECON-E363 Environmental & Natural Resources (3 cr. hrs.)
 - minimum grade C
 - POLS-Y376 International Political Economy (3 cr. hrs.)
 - minimum grade C
- Specialization Are (Choose one are and complete a minimum of 8 credit hours in that area.)
- Environmental Sustainability Course List
 - BIOL-L303 Field Biology (3 cr. hrs.)
 - minimum grade C
 - BIOL-L343 Applied Conservation Biology (5 cr. hrs.)
 - minimum grade C
 - BIOL-L & BIOL-L 473 & 474 Ecology & Ecology Lab (3/2 cr. hrs.)
 - minimum grade C
 - BIOL-L 579 Community Ecology (3 cr. hrs.)
 - minimum grade C
 - CHEM-C 303 Environmental Chemistry (3 cr. hrs.)
 - minimum grade C
 - CHEM-C 305 Environmental Chemistry Seminar (1 cr. hrs.)
 - minimum grade C
 - CHEM-C 318 Spectrochemistry & Separations (3 cr. hrs.)
 - minimum grade C
 - CHEM-C 333 Experimental Environmental Chemistry (2 cr. hrs.)

- minimum grade C
- GEOG-G 213 Introduction to Economic Geography (3 cr. hrs.)
 - minimum grade C
- GEOG-G 307 Biogeography (3 cr. hrs.)
 - minimum grade C
- GEOG-G 315 Environmental Conservation (3 cr. hrs.)
 - minimum grade C
- GEOG-G 338 Geographic Information Science (3 cr. hrs.)
 - minimum grade C
- GEOG-G 432 Current Issues in Environmental Conservation (3 cr. hrs.)
 - minimum grade C
- GEOG-G 438 Advanced Geographic Information Systems (3 cr. hrs.)
 - minimum grade C
- GEOG-G 439 Seminar in Geographic Information (3 cr. hrs.)
 - minimum grade C
- GEOL-G 400 Energy: Sources and Needs (3 cr. hrs.)
 - minimum grade C
- MICR-M 420 Environmental Microbiology (5-6 cr. hrs.)
 - minimum grade C
- PHYS-P 310 Environmental Physics (3 cr. hrs.)
 - minimum grade C
- Social Sustainability Course List
 - REL-R371 Religion, Ethics, and the Environment (3 cr. hrs.)
 - minimum grade C
 - POLS-Y303 Formation of Public Policy (3 cr. hrs.)
 - minimum grade C
 - PSY-P457 Topics in Psychology: Environmental Psychology & Sustainable Living (4 cr. hrs.)
 - minimum grade C
 - SOC-S305 Populations & Human Ecology (3 cr. hrs.)
 - minimum grade C
 - SOC-S308 Global Society (3 cr. hrs.)
 - minimum grade C
- Economic Sustainability Course List
 - ECON-E363 Environmental & Natural Resources (3 cr. hrs.)
 - minimum grade C
 - POLS-Y376 International Political Economy (3 cr. hrs.)
 - minimum grade C

- SOC-S360 Topics in Social Policy (3 cr. hrs.)
 - minimum grade C
 - SOC-S419 Social Movements and Collective Action (3 cr. hrs.)
 - minimum grade C
 - SOC-S403 Industry, Labor, & Community (3 cr. hrs.)
 - minimum grade C
- Internship (A max. of 2 credits of Internship may be applied toward specialization area)
- COAS-S399 Internship (1-2 cr. hrs.)
 - minimum grade C

Financial Aid

Students may not currently receive Financial Aid for the Sustainability Certificate.

Clinical Laboratory Science/Medical Laboratory Science (Bachelor of Science)

Clinical Laboratory Science/Medical Laboratory Science is aimed at quality performance of clinical laboratory procedures on biological samples from patients. The results of these procedures provide important patient data that aid the physician in the diagnosis and treatment of disease. Medical decisions are often based upon the test results produced by the work of a Clinical Laboratory Scientist/Medical Laboratory Scientist.

The Clinical Laboratory Science/Medical Laboratory Science curriculum offered at IU Southeast is provided in partnership with Bellarmine University in Louisville, Kentucky. The degree provides a broadly based prerequisite background including specific chemistry, mathematics, and biological science requirements, as well as the opportunity to select courses from the liberal arts.

The student takes the first two pre-professional years at IU Southeast and the remaining credits of the professional curriculum at Bellarmine University. Upon completion, the student receives an Indiana University degree. The curriculum of the Clinical Laboratory Science/Medical Laboratory Science program is fully accredited by the National Accrediting Agency for Clinical Laboratory Science.

Non-Indiana University tuition is required for the professional hours at Bellarmine University. However, this cost is not significantly different from the cost of moving and living in Indianapolis for a year combined with the in-state tuition at IUPUI. Any student who is interested in the IU Southeast Clinical Laboratory Science/Medical Laboratory Science Program should contact the School of Natural Sciences at (812) 941-2284.

Student Learning Goals

1. Establish a personal scientific knowledge base that prepares them to read, to interpret, and to utilize scientific knowledge in clinical practice.
2. Perform laboratory tests with accuracy and precision.
3. Understand and apply laboratory safety regulations and compliance measures.

4. Demonstrate appropriate ethical and professional behavior.

Clinical Lab Science BS Residency Requirement

Due to the unique nature of this degree, students pursuing the Bachelor of Science in Clinical Laboratory Science are exempt from the university and School of Natural Sciences' Residency Requirement. In order to receive the degree from IU Southeast, CLS majors must complete a minimum of 15 credit hours in Biological Sciences, including at least two courses with associated lab, in residence at IU Southeast, prior to beginning clinical curriculum at Bellarmine University.

Admission Requirements

Students are considered Pre-Clinical Lab Science until they are successfully admitted to the Clinical Lab Science program at Bellarmine University. The allied health sciences program in medical laboratory science will consider all eligible students for admission to the integrated programs offered at Bellarmine University in Louisville. Pre-allied health students interested in the program are advised that admission into the professional program is not guaranteed. Students must apply for admission to the professional program at Bellarmine University in Louisville, Kentucky.

Applicants to the professional program are considered on their own merits without bias concerning sex, color, or creed. (Note: admission to Indiana University Southeast does not automatically admit a student into the Medical Laboratory Program at Bellarmine University.)

Bellarmino Medical Lab Science Admission Requirements

- A minimum cumulative grade point average of 2.5 on a 4.0 scale.
- A minimum science-math grade point average of 2.5 on a 4.0 scale.
- A minimum grade of a C in all required courses.
- Official transcripts for all college course work.
- An application for admissions to the Medical Laboratory Science degree program at Bellarmine University. See Bellarmine University website.
- Two letters of recommendation.
- Personal statement.
- A personal interview, if requested, by the Medical Laboratory Science Admissions Committee.

A personal interview, if requested, by the Medical Laboratory Science Admissions Committee.

General Education Component

All students pursuing the Bachelor of Science in Clinical Lab Science must complete the campus General Education Core Requirements. See *General Education Component for all IU Southeast Baccalaureate Degrees* for a complete listing of requirements.

Core Program

All courses listed below require a grade of C or better. Courses marked with an asterisk (*) can be used to satisfy a General Education Core requirement.

Chemistry (Complete each of the following)

- CHEM-C 105* Principles of Chemistry I (3 cr. hrs.)
 - minimum grade C
- CHEM-C 125* Experimental Chemistry I (2 cr. hrs.)
 - minimum grade C
- CHEM-C 106 Principles of Chemistry II (3 cr. hrs.)
 - minimum grade C
- CHEM-C 126 Experimental Chemistry II (2 cr. hrs.)
 - minimum grade C
- CHEM-C 341 Organic Chemistry I (3 cr. hrs.)
 - minimum grade C
- CHEM-C 342 Organic Chemistry II (3 cr. hrs.)
 - minimum grade C

Mathematics (Complete each of the following)

- MATH-M 122* (or higher) College Algebra (3 cr. hrs.)
 - minimum grade C
- MATH-K 300 Statistics (3 cr. hrs.)
 - minimum grade C

Biology (Complete each of the following)

- BIOL-L 101* Introduction to Biological Sciences I (3 cr. hrs.)
 - minimum grade C
- BIOL-L 102 Introduction to Biological Sciences II (3 cr. hrs.)
 - minimum grade C
- BIOL-L 211 Molecular Biology (3 cr. hrs.)
 - minimum grade C
- MICR-M 310 & 315 Microbiology & Microbiology Lab (3/2 cr. hrs.)
 - minimum grade C
- BIOL-L 311 & 319 Genetics & Genetics Lab (3/3 cr. hrs.)
 - minimum grade C
- BIOL-K 312 Immunology (3 cr. hrs.)
 - minimum grade C
- BIOL-L 312 & 313 Cell Biology & Cell Biology Lab (3/3 cr. hrs.)
 - minimum grade C

Professional Program Requirements (taken at Bellarmine University)

The last semesters of the degree plan are completed at Bellarmine University. Credit earned is posted as transfer credit on the IU Southeast transcript. See your academic advisor for a complete listing of current required courses.

Minimum Number of Credit Hours

The Clinical Laboratory Science degree at Bellarmine University is accredited by the National Accrediting Agency for Clinical Laboratory Science (NAACLS). Indiana University Southeast CLS majors are required to complete the Indiana University Southeast General Education requirements (30 credits in compliance with IN State requirements). They also must complete the course and credit hours established by NAACLS for this degree, including the prerequisite course work (see above) for admission to the clinical program and the required clinical courses. Because of these constraints, this program cannot be completed in 120 credit hours but can still be completed in 4 years.

Health Information Administration (Bachelor of Science)

The Indiana Commission for Higher Education has approved the Bachelor of Science degree in Health Information Administration (HIA) for the Indiana University Southeast campus; however, the degree is not yet accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM). We will be pursuing accreditation by CAHIIM in the near future. Students that wish to become a Registered Health Information Administrator (RHIA) must graduate from a CAHIIM accredited program. In order to become fully accredited by CAHIIM, the professional curriculum is being developed under the guidance of our HIM Program Director who is a Registered Health Information Administrator. The professional curriculum will meet the curriculum competencies and knowledge clusters developed by AHIMA for Health Information Management at the Baccalaureate Degree Level. Please note there is no guarantee of accreditation by CAHIIM; however, the current degree in Health Information Administration was approved by the Commission for Higher Education and is fully accredited by the Higher Learning Commission of North Central Accreditation, which provides accreditation for Indiana University Southeast.

Health Information Administration is a multi-disciplinary degree which combines training in the fields of health informatics, business and health science. Students graduating with this degree will gain the skills necessary to work with health information systems and health data management, and be able to bridge the gap between clinicians and health information technology. Students will acquire the knowledge needed to become an integral component of the health information management system.

In addition, students pursuing this degree will complete courses required for the Certificate in Medical Coding and will be eligible to sit for the American Academy of Professional Coders (AAPC) exam to become CPC credentialed. These courses will train students to become masters of all code sets including CPT, ICD-10- CM, and HCPCS Level II. Graduates may also choose to become credentialed in the following American Health Information Management Association credentials:

- Certified Coding Associate (CCA)
- Certified Coding Specialist (CCS)
- Certified Health Data Analyst (CHDA)
- Certified Healthcare Technology Specialist (CHTS)

Student Learning Goals

1. Students will have a general knowledge of the Allied Health, Health Informatics and the Business area of Health Information Administration.
2. Students will integrate their knowledge from the different areas into Health Information.
3. Student will apply didactic and laboratory instructions in a supervised professional practice experience.
4. Student will be able to creatively solve problems in Health Information Management.
5. Student will show ethical values related to Health Information.
6. Students will apply skills in medical coding (ICD-10-CM, CPT, HCPCS) to relate correlation of codes to the reimbursement process in both the outpatient/physician and hospital/facility of health care delivery services.

Degree Program Admission Requirements

To be fully admitted to the Bachelor of Science in Health Information Administration degree program, students must meet the *School of Natural Science's Admission Requirements*.

Degree Requirements

Students receiving the Bachelor of Science in Health Information Administration degree must complete 120 total credit hours including:

- General Education Core (30 cr.)
- Major requirements (87 cr.)
- Electives as needed to complete 120 total credit hours
- A minimum GPA of 2.0 is required
- Courses are 3 credit hours unless otherwise noted
- Courses required for the major must be completed with a grade of C or higher
- A minimum of 30 credit hours at the 300- or 400-level

Major Requirements

Courses marked with an asterisk (*) can be used to satisfy a General Education Core Requirement.

- ENG-W 231* Professional Writing Skills
- SPCH-S 121* Public Speaking
- MATH-M 114* Quantitative Literacy II
- Choose one of the following
 - PSY-P 101* Introductory Psychology 1
 - PSY-P 102* Introductory Psychology 2
- BIOL-L 101* Intro to Biological Sciences 1 (5 cr.)
- ANAT-A 215 Basic Human Anatomy (5 cr.)
- PHSL-P 215 Basic Human Physiology (5 cr.)
- MATH-K 300 Statistical Techniques for Health Professions
- INFO-I 101 Introduction to Informatics (4 cr.)
- INFO-I 356 Globalization, Where We Fit In
- INFO-I 303 Organizational Informatics
- INFO-I 202 Social Informatics
- INFO-I 330 Legal and Social Informatics of Security
- INFO-I 308 Information Representation

- HIM-M 108 Introduction to Health Information Management
- AHLT-M 330 Medical Terminology
- AHLT-R 200 Pathology
- HIM-M 390 Medical Coding I
- HIM-M 391 Medical Coding II
- HIM-M 392 Physician Reimbursement
- AHLT-M 350 Medical Science for Health Information I
- BUS-W 301 Principles of Business Administration
- HIM-M 318 Principles of Finance for Health Information Management
- HIM-M 302 Health Law II and Ethics
- HIM-M 313 Principles of Health Information Management
- HIM-M 314 Lab Enrichment for Principles of Health Information Management (1 cr.)
- HIM-M 329 Healthcare Data Analytics and Information Governance
- HIM-M 423 Quality and Performance Improvement in Healthcare
- HIM-M 435 Project Management for Health Information Management
- HIM-M 470 Healthcare Reimbursement System
- HIM-M 416 Principles of Management and Leadership for Health Information Management
- HIM-M 436 RHIA Exam Readiness
- HIM-M 445 HIM Practicum I

CertificateHealthcare Documentation Certificate

Program Description

An 18 credit hour program that trains students to transcribe, format, proofread, and edit medical, surgical, radiological, and pathological reports dictated by physicians and other ancillary disciplines to produce a legal medical document. Career options are in medical transcription, medical transcription editor, healthcare documentation specialist, or medical scribe.

Student Learning Goals

1. Demonstrate correct usage of both English and medical terms.
2. Utilize correct capitalization, number, punctuation, abbreviations, and symbols used in medical reports.
3. Demonstrate computer skills to format, proofread, and edit a variety of medical reports to produce a legal document.

Healthcare Documentation Certificate Residency Requirement

In addition to the IU Southeast Certificate Residency Requirement (minimum of 50% of total credits), students completing the Certificate in Healthcare Documentation are required to complete the following courses in residence at IU Southeast: AHLT-M 109 (or AHLT-M 393) & AHLT-M 102 (or AHLT-M 394).

Core Program

All courses listed below require a grade of C or better.

- AHLT-C OR ANAT-A 150 OR 215 Body Structure and Function OR Basic Human Anatomy (3 5 cr. hrs.)

- minimum grade C
- AHLT-M OR AHLT-M 195 OR 330 Medical Terminology (3 cr. hrs.)
 - minimum grade C
- CSCI-C 106 Introduction to Computers and their Use (3 cr. hrs.)
 - minimum grade C
- ENG-W 131 Elementary Composition I (3 cr. hrs.)
 - minimum grade C
- AHLT-M OR AHLT-M 109* OR 393 Medical Transcription Technology OR Healthcare Documentation (3 3 cr. hrs.)
 - minimum grade C C
- AHLT-M OR AHLT-M 102** OR 394 Clinical Experience I OR Healthcare Documentation Practicum (3 3 cr. hrs.)
 - minimum grade C C

Gainful Employment Disclosure for Medical Transcription Certificate - <https://apps.usss.iu.edu/disclosures/plans/SE01.51.0708/Gedt.html>

School of Nursing

School of Nursing

Dean: Dr. Donna Bowles
 Campus Office: LF 276
 Telephone: (812) 941-2283
 Fax: (812) 941-2687
<https://www.ius.edu/nursing/>

Programs

Undergraduate Programs

- Applied Health Science
- Nursing

School Information

- Mission
- General Information
- Policies and Procedures

General Information

Standards of Performance

Students in the School of Nursing are expected to adhere to standards of performance and ethics that are the foundation of the nursing profession. These standards include:

- IU Southeast Code of Student Rights, Responsibilities, and Conduct
- [American Nurses Association \(ANA\) Professional Standards](#);
- [ANA Code of Ethics for Nurses](#); and
- IU Southeast School of Nursing Essential Abilities (see immediately below).

Essential Abilities

Students accepted into the IU Southeast School of Nursing program will need the cognitive ability, emotional stability, and physical endurance to complete the program and practice professional nursing. When determining professional suitability for the practice of nursing, the

student must be able to do the following: exercise safe judgements based on assessment data, remain visibly calm in emergency situations, interact in a caring manner with others, follow directions, be flexible, and demonstrate honesty, integrity, commitment, cooperation, respect, and accountability. The student must not pose a significant risk to the health and safety of self or others. Qualified applicants are expected to meet all admission criteria and matriculating students are expected to meet all progression criteria, as well as the following essential abilities:

1. Essential judgement skills to include: ability to identify, assess, and comprehend conditions surrounding patient situations for the purpose of problem solving around patient conditions and coming to appropriate conclusions and/or course of actions.
2. Essential physical/neurological functions to include: ability to use the senses of seeing, hearing, touch, and smell to make correct judgements regarding patient conditions and meet physical expectations to perform required interventions for the purpose of demonstrating competence to safely engage in the practice of nursing. Behaviors that demonstrate essential neurological and physical functions include, but are not limited to observation, listening, understanding relationships, writing, and psychomotor abilities consistent with course and program expectations.
3. Essential communication skills to include: ability to communicate effectively with fellow students, faculty, patients, and all members of the health care team. Skills include verbal, written, and nonverbal abilities as well as information technology skills consistent with effective communication.
4. Essential emotional coping skills: ability to demonstrate the mental health necessary to safely engage in the practice of nursing as determined by professional standards of practice.
5. Essential intellectual/conceptual skills to include: ability to measure, calculate, analyze, synthesize, and evaluate to engage competently in the safe practice of nursing.
6. Other essential behavioral attributes: ability to engage in activities consistent with safe nursing practice without demonstrated behaviors of addiction to, abuse of, or dependence on alcohol or other drugs that may impair behavior or judgement. The student must demonstrate responsibility and accountability for actions as a student in the School of Nursing and as a developing professional nurse consistent with accepted standards of practice (School of Nursing, General Policies, C-5 - Essential Abilities).

Students failing to meet these essential abilities, as determined by faculty, at any point in their academic program may have their progress interrupted until they have demonstrated their ability to meet these essential abilities within negotiated time frames. Refer to Student Policies for more information.

ANA Standards of Professional Performance

The American Nurses Association has implemented Standards of Professional Performance (2010) that

describe a competent level of behavior in the professional role. Registered nurses are accountable for their professional actions to themselves, their patients, their peers, and ultimately to society.

1. The registered nurse practices ethically.
2. The registered nurse attains knowledge and competency that reflects current nursing practice.
3. The registered nurse integrates evidence and research findings into practice.
4. The registered nurse contributes to quality nursing practice.
5. The registered nurse communicates effectively in all areas of practice.
6. The registered nurse demonstrates leadership in the professional practice settings and the profession.
7. The registered nurse collaborates with healthcare consumer, family and others in the conduct of nursing practice.
8. The registered nurse evaluates her or his own nursing practice in relation to professional practice standards and guidelines, relevant statutes, rules, and regulations.
9. The registered nurse utilizes appropriate resources to plan and provide nursing services that are safe, effective, and financially responsible.
10. The registered nurse practices in an environmentally safe and healthy manner.

ANA Code of Ethics for Nurses

Each person, upon entering the nursing profession, inherits a measure of the responsibility and trust associated with the profession, along with the corresponding obligation to adhere to the standards of ethical practice and conduct it has set. Nursing students are expected to show responsibility in their behavior; to deal with faculty, peers, patients, and clinical staff in a direct and honest manner; and to be professional in their conduct. ***Students who violate accepted standards for professional nursing may be discharged from the program.*** The Code of Ethics for Nurses was adopted by the American Nurses Association in 1950 and revised in 1960, 1968, 1976, 1985, and 2001 (Reissued in 2010).

1. The nurse practices with compassion and respect for the inherent dignity, worth and unique attributes of every person.
2. The nurse's primary commitment is to the patient, whether an individual, family, group, community or population.
3. The nurse promotes, advocates for, and protects the rights, health, and safety of the patient.
4. The nurse has authority, accountability, and responsibility for nursing practice; makes decisions; and takes action consistent with the obligation to promote health and to provide optimal care.
5. The nurse owes the same duties to self as to others, including the responsibility to promote health and safety, preserve wholeness of character and integrity, maintain competence, and continue personal and professional growth.
6. The nurse, through individual and collective effort, establishes, maintains, and improves the ethical environments of the work setting and conditions

of employment that are conducive to safe, quality health care.

7. The nurse, in all roles and settings, advances the profession through research and scholarly inquiry, professional standards development, and the generation of both nursing and health policy.
8. The nurse collaborates with other health professionals and the public to protect human rights, promote health diplomacy, and reduce health disparities.
9. The profession of nursing, collectively through its professional organizations, must articulate nursing values, maintain the integrity of the profession, and integrate principles of social justice into nursing and health policy.

Student Nurses Association (SNA)

With membership of approximately 50,000 nursing students nationwide, the National Student Nurses' Association (SNA) mentors the professional development of future nurses and facilitates their entrance into the profession by providing educational resources, leadership opportunities, and career guidance.

Indiana University Southeast School of Nursing students are encouraged to join the SNA as sophomores to gain experience for leadership positions in the association as juniors and seniors.

Students are also encouraged to become involved in other IU Southeast student groups, activities, programs, and leadership experiences. For more information, contact the Office of Campus Life.

Mission

The Mission of the IU Southeast School of Nursing (SON) is to create a community of learning that addresses society's need for caring professionals and that nurtures students, faculty, and staff from diverse backgrounds.

Vision

The School of Nursing will promote nursing care excellence through a community of lifelong learning that focuses on society's needs for high-quality health care and scientifically educated professional nurses.

Student Outcomes

1. A critical thinker who demonstrates intellectual engagement and uses evidence as a basis for clinical reasoning and decision making.
2. A culturally sensitive individual who provides holistic individual, family, community, and population-centered nursing care.
3. A knowledgeable care coordinator who facilitates access to resources across the continuum of health care environments in order to meet the evolving health care needs of individuals, families, communities, and populations.
4. An individual who understands and considers the impact of health care policy, finance, and regulatory environments on care delivery.
5. An individual who embodies the professional identity of the nurse and who translates the inherent values of the nursing profession into the ethical and legal practice of nursing.

6. An effective communicator who collaborates with inter-professional team members, patients, and their support systems for improved health outcomes.
7. A competent care provider who is prepared to practice to the full capacity of the professional nurse role in diverse health care environments.
8. An accountable leader and manager who applies principles of systems and organizational processes and who balances resources to promote quality care and patient safety.
9. An individual who embraces and employs innovations in information management and technology in the delivery of quality patient care.

Policies and Procedures

General Program Requirements

The School of Nursing is committed to educating professional nurses and is obligated to provide safe and effective care to the clients we serve. Students are expected to be in compliance with program requirements at all times.

BSN Requirements and Registering for Nursing Classes

In order to register for nursing classes, authorization must be granted from the School of Nursing. Annual requirements must be up-to-date and current for the entire academic year in which the student is enrolling before the student can be authorized.

Academic Standing

Good Standing - Students who maintain a minimum cumulative grade point average (GPA) of 2.0 and earn a grade of "C" (2.0) or better in all required general education and didactic courses and a grade of "S" in all required practicum/clinical courses will be considered in good standing.

Graduation Requirements

1. 120 credit hours of course completed course work in the nursing curriculum
2. Grade point average of 2.0 (C) or above
3. Grade of C or above in each required course and satisfactory (S) in all practical
4. Incomplete, deferred grades removed from the transcript
5. Special credit courses on transcript
6. Course work completed within six years of enrollment in nursing courses

Senior Recognition Awards

Senior awards provide a mechanism for recognizing graduates for their accomplishments in academics, leadership and competency achievements. The School of Nursing recognizes outstanding graduates annually at the baccalaureate ceremony.

Scholarships

The student financial aid program provides assistance and advice to students. Scholarships, grants, loans, and part-time employment are available singly or in various combinations to assist in meeting the difference between cost of attending IU Southeast and the amount the student and the student's family can reasonably be expected to

provide. Contact the Financial Aid Office (US-105) at <https://www.ius.edu/financial-aid/> or call (812) 941-2246.

Scholarships are available specifically for nursing students. On-line scholarship applications are open each year from October 1st through March 10th.

Applied Health Science

The Applied Science program covers the basic technical and applied aspects of health science. Courses include health care delivery and leadership, health communication, policy, and ethics. Students learn about the economics of health care and receive foundational knowledge in legal matters. Our program is designed to enhance potential for career advancement within the health care sector in entry- and mid-level positions in health-related organizations.

Contact Information

Nursing Office: (812) 941-2283

Website: <https://www.ius.edu/nursing/programs/applied-health/index.php>

Academics

Undergraduate Degrees

- Bachelor of Science
 - Community Health Educator
 - Health Administration

Bachelor of Arts in Applied Health Science

Program Description

The curriculum of the Applied Health Science B.S. will focus on the non-clinical aspects of health care management and education, and, as such, it complements a wide variety of clinical degrees available at IU. The BS AHS is designed to serve both traditional and non-traditional students attending full- or part-time. Individuals currently working in the health care industry with college credits and/or associates degrees will find the courses they need to complete a baccalaureate degree and advance their career prospects.

The IU Collaborative B.S. in Applied Health Science will require 120 credit hours. Students will complete the general education of their campus of admission (home campus) and collaborative requirements as outlined below.

Learning Outcomes

1. Utilize problem-solving, critical thinking, and decision-making skills in a variety of health care settings and situations.
2. Utilize effective leadership and management strategies in common health care delivery systems and environments.
3. Apply evidence-based health care practices for optimum health outcomes.
4. Demonstrate accountability within the legal and ethical parameters of the health care system.
5. Integrate communication skills into professional roles.
6. Utilize information technology in the delivery of health care.

7. Explore the historical and contemporary social determinants of health that shape health status, health behavior, and health inequalities.

Degree Requirements

General

Complete 120 total credit hours, *with at least 30 at the 300-400 (upper division) level*, with a program cumulative grade point average of 2.0.

General Education Requirements

Complete the [University General Education curriculum](#) requirements.

Applied Health Science Core Courses

Dept.	Course Number	Course Name	Credit Hours	Minimum Grade
AHSC-H	301	Health Care Delivery and Leadership	6	C-
AHSC-H	310	Health Policy, Ethics, and Legal Issues	6	C-
AHSC-H	320	Consumer Health	3	C-
AHSC-H	330	Intercultural Health Communication	6	C-
AHSC-H	340	Research in Health Sciences	3	C-
AHSC-H	350	Economics of Health Care	3	C-
AHSC-H	360	Epidemiology/ Biostatistics and Population Health	6	C-
AHSC-H	370	Informatics	3	C-
AHSC-H	480	Grant Writing and Internship	6	C-

Applied Health Science Track (One Required)

Community Health Educator

Coursework will provide instruction in the skills necessary to conduct general health and wellness assessments and the techniques of health education.

Dept.	Course Number	Course Name	Credit Hours	Minimum Grade
AHSC-C	415	Community Health Assessment, Education,	6	C-

AHSC-C	425	and Promotion Program Assessment, Planning, and Evaluation I	6	C-
AHSC-C	435	Program Assessment, Planning, and Evaluation II	6	C-

Health Administration

Coursework will provide instruction in health care organization, planning, budgeting, and finance.

Dept.	Course Number	Course Name	Credit Hours	Minimum Grade
AHSC-A	420	Track Health Care Budgeting and Finance	6	C-
AHSC-A	430	Track Health Care Organization Supervision and Resource Management	6	C-
AHSC-A	440	Track Health Care Administration and Strategic Planning	6	C-

Electives (To Total 120 Credit Hours)

Nursing

The goal of the IU Southeast School of Nursing faculty is to educate high quality, caring professionals to be leaders who meet the needs of diverse people in a variety of health care settings.

Contact Information

Nursing Office: (812) 941-2283

Website: <https://www.ius.edu/nursing/>

Academics

Undergraduate Degrees

- Bachelor of Science

Graduate Degrees

- Master of Science in Nursing

Nursing (Bachelor of Science in Nursing)

Admission Requirements

Application Requirements: Basic/traditional students

1. Application to the School of Nursing includes submission of the online application form and taking the Kaplan admission assessment test. Additional requirements include required immunizations, Basic Life Support certification, criminal background check and drug screen.
2. The applicant must be admitted to Indiana University Southeast as a degree seeking student prior to admission to the nursing major.
3. A student, who is enrolled in nursing course work at another university, must apply as a transfer student.
4. Completion of general education courses is required for admission.
5. Applicants must meet all minimal criteria, as published in the campus Bulletin, to be considered for admission.
6. If a transfer course has been approved by the Admission, Progression, and Graduation committee (APG) to satisfy a requirement, the student must submit a copy of the letter from the APG approving the course.
7. Complete all required course work by the established deadline date. This includes independent study/correspondence course work and courses for which students have received an incomplete (I). Applications received after the deadline will be considered at the discretion of the faculty.
8. The Admission, Progression, Graduation (APG) committee considers and acts upon applications for admission to the baccalaureate nursing major.
9. Knowledge and competencies developed in courses that fulfill the requirements for anatomy, physiology, and microbiology are considered time-limited. If any of these courses were taken more than seven (7) years prior to admission to the nursing program, the course must be repeated or validated through testing.

Admission Grade Point Average (GPA)

1. Maintain a minimum Indiana University community GPA of 2.5 on a 4.0 scale. This does not include transfer or FX courses.
2. Demonstrate a pre-nursing admission program GPA of 2.7 on a 4.0 scale for all completed coursework required for admission (September 1 and 2 courses).
3. Students must achieve a grade of C (2.0) or higher in all program requirements.

Priority for Admission*

1. Priority for admission will be given to all qualified applicants who have completed the majority (more than half) of their prerequisite course work at Indiana University Southeast.
2. If additional spaces are available, the next priority is given to students who completed the majority of the course work on another Indiana University campus. Students transferring the majority of prerequisite

course work from a non-IU school are accorded lowest priority for admission.

*Admission is conditional pending outcome of background check, drug screen and meeting immunization and CPR requirements. Refer to policy on annual requirements and registering for class.

Admission and Readmission to the Nursing Program

Students admitted to the BSN and RN-BSN nursing major must formally accept or decline admission in writing prior to beginning of the semester to which the student has been admitted.

- Students who have been accepted to the BSN program but decline acceptance for any reason must reapply to the program and compete with the applicant pool for the semester in which they request admission for the second time.
- BSN students have only two opportunities to decline admission in writing prior to losing their eligibility to apply.
- Students who have been accepted to the RN-BSN program but decline acceptance for any reason must declare a new admission target date.

Basic/Traditional - School of Nursing Admission requirements

Semester 1

- ENG-W 131 Elementary Composition I (3 cr. hrs.)
 - minimum grade C
- PSY-P 101 Introductory Psychology I (3 cr. hrs.)
 - minimum grade C
- HON-H or SPCH-S 104 or 121 Honors Seminar or Public Speaking (3 cr. hrs.)
 - minimum grade C

Diversity Course 3 C

Quantitative Reasoning 3 C

- COAS-S104 First Year Seminar (1 cr. hrs.)
 - minimum grade C

Semester 2

- ANAT-A 215 Basic Human Anatomy (5 cr. hrs.)
 - minimum grade C
- SOC-S 163 Social Problems (3 cr. hrs.)
 - minimum grade C
- ENG-W Approved 2d Level Written Communication Course (3 cr. hrs.)
 - minimum grade C
- CHEM-C 102 Elementary Chemistry II (3 cr. hrs.)
 - minimum grade C
- CHEM-C 122 Elementary Chemistry Lab II (2 cr. hrs.)
 - minimum grade C

General Education Component

Note: This is not a re-statement of the University's General Education Requirement but a list of specific General Education courses which are also requirements or pre-requisites for course work in the school/major.

- PHSL-P 215 Basic Human Physiology (5 cr. hrs.)
 - minimum grade C
- MICR-J 200 Microbiology and Immunology (3 cr. hrs.)
 - minimum grade C
- MICR-J 201 Microbiology Laboratory (1 cr. hrs.)
 - minimum grade C

Reasoning About Ethical Issues 3 C

Arts & Humanities 3 C

Elective (Any level) 3 C

Major Requirements for Basic/Traditional Students

- NURS-B 231 Communication for Health Care Professionals (3 cr. hrs.)
 - minimum grade C
- NURS-B 232 Introduction to the Discipline of Nursing (3 cr. hrs.)
 - minimum grade C
- NURS-B 233 Health and Wellness (4 cr. hrs.)
 - minimum grade C
- NURS-B 236 Developmental Issues in Nursing (3 cr. hrs.)
 - minimum grade C
- NURS-B 244 Comprehensive Health Assessment (2 cr. hrs.)
 - minimum grade C
- NURS-B 245 Comprehensive Health Assessment: Practicum (2 cr. hrs.)
 - minimum grade C
- NURS-B 248 Science and Technology of Nursing (2 cr. hrs.)
 - minimum grade C
- NURS-B 249 Science and Technology Practicum (2 cr. hrs.)
 - minimum grade C
- NURS-H 351 Alterations in Neuropsychological Health (3 cr. hrs.)
 - minimum grade C
- NURS-H 352 Alterations in Neuropsychological Health: Practicum (2 cr. hrs.)
 - minimum grade C
- NURS-H 353 Alterations in Health I (3 cr. hrs.)
 - minimum grade C
- NURS-H 354 Alterations in Health I: Practicum (2 cr. hrs.)
 - minimum grade C
- NURS-H 355 Data Analysis for Healthcare (3 cr. hrs.)
 - minimum grade C
- NURS-H 361 Alterations in Health II (3 cr. hrs.)
 - minimum grade C
- NURS-H 362 Alterations in Health II: Practicum (2 cr. hrs.)
 - minimum grade C
- NURS-H 363 Developing Family and Child (3 cr. hrs.)
 - minimum grade C
- NURS-H 364 Developing Family and Child: Practicum (3 cr. hrs.)
 - minimum grade C
- NURS-H 365 The Research Process (3 cr. hrs.)
 - minimum grade C
- NURS-H 470 Restorative Health Related to Multi-System Failure (3 cr. hrs.)
 - minimum grade C
- NURS-S 471 Restorative Health: Practicum (2 cr. hrs.)
 - minimum grade C
- NURS-S 472 Health of the Community (3 cr. hrs.)
 - minimum grade C
- NURS-S 473 Health of the Community: Practicum (2 cr. hrs.)
 - minimum grade C
- NURS-S 481 Nursing Management (2 cr. hrs.)
 - minimum grade C
- NURS-S 482 Nursing Management: Practicum (3 cr. hrs.)
 - minimum grade C
- NURS-S 483 Nursing Practice Capstone (3 cr. hrs.)
 - minimum grade C
- NURS-S 484 Evidence-Based Practice (1 cr. hrs.)
 - minimum grade C
- NURS-S 485 Professional Growth and Empowerment (2 cr. hrs.)
 - minimum grade C
- NURS-S 486 NCLEX Success through Critical Thinking (1 cr. hrs.)
 - minimum grade C

Assessment of Student Learning - Traditional Students Only

At specified times in the BSN nursing curriculum, student knowledge and skills are assessed to determine if students are progressing as expected toward expected outcomes:

- Preliminary Assessment

- Students take this test as part of the admission process. The assessment includes measures of reading comprehension, vocabulary, grammar, and math. A weighted score composed of 25% reading comprehension score and 75% pre-nursing GPA is used to rank students for admission to the nursing major.
- Intra-curricular Assessments:
 - Testing occurs periodically during the student's progression through the program.
- Exit Exam
 - The final assessment occurs in the fourth year, spring semester.

RN to BSN Degree Completion Option

Admission to the RN to BSN classroom cohort or online nursing classes

1. Registered nurses seeking admission to the Indiana University Southeast school of Nursing must apply to the Office of Admissions at IU Southeast. With exception of admission to the nursing cohort, all School of Nursing policies pertinent to the BSN program majors also apply to registered nurse undergraduate students.
2. To be eligible to take online nursing classes, the RN student must have graduated from an ACEN accredited school of nursing and submit proof of licensure in the state of practice.
3. The RN-BSN classroom requires an Indiana license, immunizations, Basic Life Support certification, and criminal background check.
4. Admission to the Nursing cohort is not competitive. RN students who have successfully completed general education requirements and maintain a 2.5 cumulative GPA and 2.7 nursing GPA are eligible to begin the nursing cohort.
5. There is no time limit for general education classes in the RN-BSN program.
6. The nursing admission GPA is calculated on all completed courses required for the BSN degree. Grades earned in transfer courses accepted and applied to required general education credit hours will count in the calculation of the entry GPA.

RN to BSN Completion - School of Nursing Admission Requirements

- ENG-W 131 Elementary Composition I (3 cr. hrs.)
 - minimum grade C
- HON-H or SPCH-S 104 or 121 Honors Seminar or Public Speaking (3 cr. hrs.)
 - minimum grade C
- PSY-P101 Introductory Psychology I (3 cr. hrs.)
 - minimum grade C
- SOC-S163 Social Problems (3 cr. hrs.)
 - minimum grade C

- Diversity 3 C
- Arts & Humanities 3 C
- Reasoning about Ethical Issues 3 C
- ANAT-A 215 Basic Human Anatomy (5 cr. hrs.)
 - minimum grade C
- PHSL-P 215 Basic Mammalian Physiology (5 cr. hrs.)
 - minimum grade C
- MICR-J 200 Microbiology and Immunology (3 cr. hrs.)
 - minimum grade C
- MICR-J 201 Microbiology Laboratory (1 cr. hrs.)
 - minimum grade C

- Natural Sciences 6 C
- Quantitative Reasoning 3 C
- Elective: Any courses/any department 3 C
- Elective: 300-400 level 3 C

Major Requirements for RN to BSN Completion: Classroom

- NURS-B 304 Health Policy (3 cr. hrs.)
 - minimum grade C
- NURS-B 331 Transition to the Baccalaureate Nursing Practice (3 cr. hrs.)
 - minimum grade C
- NURS-B 344 Comprehensive Health Assessment (3 cr. hrs.)
 - minimum grade C
- NURS-B 404 Informatics (3 cr. hrs.)
 - minimum grade C
- NURS-H 355 Data Analysis in Clinical Practice and Health Care Research (cr. hrs.)
 - minimum grade C
- NURS-K 301 Complementary Health (3 cr. hrs.)
 - minimum grade C
- NURS-R 375 Nursing Research and Evidence Based Practice (3 cr. hrs.)
 - minimum grade C
- NURS-R 470 Clinical Nursing Practice Capstone (3 cr. hrs.)
 - minimum grade C
- NURS-S 474 Applied Health Care Ethics (3 cr. hrs.)
 - minimum grade C
- NURS-S 475 A Multisystem Approach to the Health of the Community (3 cr. hrs.)
 - minimum grade C
- NURS-S 487 Nursing Management (3 cr. hrs.)
 - minimum grade C

Major Requirements for RN to BSN Completion: Online

- NURS-B 331 Transition to Baccalaureate Nursing (3 cr. hrs.)
 - minimum grade C
- NURS-B 304 Health Policy (3 cr. hrs.)
 - minimum grade C
- NURS-B 404 Informatics (3 cr. hrs.)
 - minimum grade C
- NURS-H 355 Data Analysis (3 cr. hrs.)
 - minimum grade C
- NURS-R 375 Nursing Research and Evidence Based Practice (3 cr. hrs.)
 - minimum grade C
- NURS-R 470 Clinical Nursing Practice Capstone (3 cr. hrs.)
 - minimum grade C
- NURS-S 474 Applied Healthcare Ethics (3 cr. hrs.)
 - minimum grade C
- NURS-S 475 A Multisystem Approach to Health of the Community (3 cr. hrs.)
 - minimum grade C
- NURS-S 487 Nursing Management (3 cr. hrs.)
 - minimum grade C
- NURS- Elective I: Nursing Elective (3 cr. hrs.)
 - minimum grade C
- NURS- Elective II: Nursing Elective (3 cr. hrs.)
 - minimum grade C

Special Credit for the RN-BSN Degree Completion student (Classroom and Online)

During the last semester in the nursing cohort, 34 hours of special credit for foundational courses from the ASN degree are awarded to the RN-BSN student.

- NURS-B 231 Communication for Health Care Professionals (3 cr. hrs.)
 - minimum grade C
- NURS-B 248 Science and Technology of Nursing (3 cr. hrs.)
 - minimum grade C

Major Requirements for RN to BSN Completion: Classroom

- NURS-B 331 Transition to the Baccalaureate Nursing Practice (3 cr. hrs.)
 - minimum grade C
- NURS-B 344 Comprehensive Health Assessment (3 cr. hrs.)
 - minimum grade C

- NURS-K 301 Complementary Health Therapies (3 cr. hrs.)
 - minimum grade C
- NURS-B 304 Health Policy (3 cr. hrs.)
 - minimum grade C
- NURS-B 404 Informatics (3 cr. hrs.)
 - minimum grade C
- NURS-S 474 Applied Health Care Ethics (3 cr. hrs.)
 - minimum grade C
- NURS-S 475 A Multisystem Approach to the Health of the Community (3 cr. hrs.)
 - minimum grade C
- NURS-S 487 Nursing Management (3 cr. hrs.)
 - minimum grade C

Special Credit for the RN-BSN Completion Student (Classroom and Online)

During the last semester in the nursing cohort, 34 hours of special credit for foundational courses from the ASN degree are awarded to the RN-BSN student.

- NURS-B 231 Communication for Health Care Professionals (3 cr. hrs.)
 - minimum grade C
- NURS-B 248 Science and Technology of Nursing (2 cr. hrs.)
 - minimum grade C
- NURS-B 249 Science and Technology of Nursing: Practicum (2 cr. hrs.)
 - minimum grade C
- NURS-H 351 Alterations in Neuropsychological Health (3 cr. hrs.)
 - minimum grade C
- NURS-H 352 Alterations in Neuropsychological Health: Practicum (2 cr. hrs.)
 - minimum grade C
- NURS-H 353 Alterations in Health I (3 cr. hrs.)
 - minimum grade C
- NURS-H 354 Alterations in Health I: Practicum (2 cr. hrs.)
 - minimum grade C
- NURS-H 355 Data Analysis for Healthcare (3 cr. hrs.)
 - minimum grade C
- NURS-H 361 Alterations in Health II (3 cr. hrs.)
 - minimum grade C
- NURS-H 362 Alterations in Health II: Practicum (2 cr. hrs.)
 - minimum grade C
- NURS-H 363 Developing Family and Child (3 cr. hrs.)

- minimum grade C
- NURS-H 364 Developing Family and Child: Practicum (3 cr. hrs.)
 - minimum grade C
- NURS-H 365 The Research Process (3 cr. hrs.)
 - minimum grade C
- NURS-S 470 Restorative Health Related to Multi-System Failure (3 cr. hrs.)
 - minimum grade C
- NURS-S 471 Restorative Health: Practicum (2 cr. hrs.)
 - minimum grade C

School of Social Sciences

School of Social Sciences

Dean: Dr. Kelly Ryan
 Campus Office: CV 140
 Telephone: (812) 941-2391
 Fax: (812) 941-2591
<https://www.ius.edu/social-sciences/>

Programs

Undergraduate Programs

- Criminology and Criminal Justice
- History
- International Studies
- Journalism and Media
- Neuroscience
- Political Science
- Psychology
- Social Sciences
- Sociology

Post-Baccalaureate Certificates

- Post-Baccalaureate Certificate in Asian Affairs
- Post-Baccalaureate Certificate in Conflict Analysis and Resolution
- Post-Baccalaureate Certificate in Diversity and Intercultural Competency
- Post-Baccalaureate Certificate in European Affairs
- Post-Baccalaureate Certificate in International Affairs
- Post-Baccalaureate Certificate in Latin American Affairs
- Post-Baccalaureate Certificate in Public Sector Management

School Information

Vision Statement

Vision

The mission of the School of Social Sciences is to provide students with a historical and contemporary context for investigating and understanding the individual, communities and societies, and the commonality and diversity of the human condition through our teaching, research, and service. Because the School is committed to excellence, we encourage and support continuous

development by teachers/scholars to create, share and advance knowledge, and we endorse the principles of the scientific method.

We strive to provide high quality instruction, which promotes lifelong learning and allows students to develop the capabilities needed to meet the complexities and challenges of the future. We seek to fulfill our mission by instilling in our students, especially our majors, the knowledge and skills to analyze information in a rational and logical manner, communicate effectively, and apply a healthy skepticism to simplistic explanations of complex problems.

Criminal Justice

Criminal justice is multidisciplinary, drawing on broad fields of knowledge, including law, the social and behavioral sciences, and the natural sciences. Indiana University Southeast offers a Bachelor of Science degree through the School of Social Sciences and Indiana University School for Public and Environmental Affairs.

This program provides you with a general understanding of the nature of crime and includes an analysis of the entire criminal justice system and its relationship with other institutions in society. Through this program, you will develop problem-solving abilities and organizational skills to face problems confronting our society such as community and police relations, urban crime, and issues involving correctional facilities.

Contact Information

Social Sciences Office: (812) 941-2391
 Website: <https://www.ius.edu/criminal-justice/>

Academics

Undergraduate Degrees

- Bachelor of Science in Criminology and Criminal Justice

Minors

- Criminal Justice Minor

Criminology and Criminal Justice (Bachelor of Science)

The Bachelor of Science in Criminology and Criminal Justice is designed to study the origins, nature, and causes of norm-violating behavior as well as societal reactions to this behavior. The study of criminal justice begins with a study of the entire criminal justice system and its interrelation with society. Advanced study inquires into the political, organizational, social, and behavioral aspects of various components of the criminal justice system. Research courses give students the tools to analyze criminal justice and the skills important for career development. Legal courses provide an awareness of the values of due process and the limits of government power in a democratic society.

Criminology and Criminal Justice is multidisciplinary, drawing on broad fields of knowledge, including law, the social and behavioral sciences, and the natural sciences. Indiana University Southeast offers a Bachelor of Science degree through the School of Social Sciences. A major in criminology and criminal justice provides an excellent

liberal arts background for a wide variety of career fields. Career opportunities in criminal justice include police agencies, prosecutors, defense attorneys, courts, and correctional agencies. Other specialized roles in criminal justice include juvenile probation officers, volunteer administrators, criminologists, forensic scientists, forensic psychologists, medical examiners, and policy analysts. Many criminology and criminal justice majors choose to continue their education in law school or graduate school.

Student Learning Goals

1. Students will assess the philosophy, theories, policies, practices, processes, and reforms of the major institutions of social control.
2. Students will explain the inter-dependent operations of the major components of the criminal justice system (i.e., police, courts, correctional agencies) and the political, legal, ethical, and socioeconomic environments in which they operate, as well as the implications of these relationships for victims, offenders, justice professionals, and society.
3. Students will solve arithmetical and algebraic functions and simple statistics problems. Students will interpret and use data in various forms.
4. Students will develop informed opinions; to comprehend, formulate, and critically evaluate ideas; and to identify problems and find solutions to those problems. Effective problem solving involves a variety of skills including research, analysis, interpretation, and creativity.
5. Students will apply the skills and methods in criminal justice research, including the acquisition, analysis, interpretation, dissemination, and policy implications of both quantitative and qualitative data, and, where appropriate, various skills and methods for conducting basic forensic investigations or crime analysis.
6. Students will communicate effectively, both orally and in writing; and will demonstrate basic knowledge of information technology as applied to criminal justice research and practice.
7. Students will analyze how personal values may conflict with the ethical standards for criminal justice professional, as well as how ethical principles and ethical codes of conduct apply to criminal justice professionals.
8. Students will develop the skills to understand, accept, and relate to people of different backgrounds and beliefs.
9. Students will articulate the philosophy, theories, and principles of substantive, procedural, and evidentiary criminal laws that regulate and guide the criminal justice system and its primary actors

Scholarships/Awards

Denzinger Scholarship

Degree/Certificate Requirements Defined

See "General Requirements for Undergraduate Degrees at IU Southeast".

Additional B.S. Requirements (14 to 20 hours):

In addition to General Education requirements complete a course from each of the following 4 categories.

1. MATH-K 300 or ECON-E 270
2. Any course in CSCI or INFO, 200 level or above
3. Additional Science with a lab
4. Ethical Questions or Diversity course

Major Specific Requirements

- ENG-W 290 Writing in the Arts & Sciences (3 cr. hrs.)
 - minimum grade D-
 - MATH-M 118 or higher Finite Mathematics - or higher (3 cr. hrs.)
 - minimum grade C
 - Choose one of the following: (3 cr. hrs.)
 - minimum grade
 - SPCH-S121 Public Speaking (3 cr. hrs.)
 - minimum grade D-
 - PHIL-P113 Introduction to Debate, Argument, and Persuasion (3 cr. hrs.)
 - minimum grade D-
 - Students must take all of the following courses: (3 cr. hrs.)
 - minimum grade
 - CJUS-P 100 Introduction to Criminal Justice (3 cr. hrs.)
 - minimum grade C
 - CJUS-P 199 Careers in Criminal Justice* (3 cr. hrs.)
 - minimum grade C
 - CJUS-P 200 Theories of Crime and Deviance (3 cr. hrs.)
 - minimum grade C
 - CJUS-P 295 Criminal Justice Data, Methods, and Resources (3 cr. hrs.)
 - minimum grade C
 - CJUS-P 470 Senior Seminar in Criminal Justice (3 cr. hrs.)
 - minimum grade C
- Students must take three of the following courses:
- CJUS-P 301 Police in Contemporary Society (3 cr. hrs.)
 - minimum grade C
 - CJUS-P 302 Courts and Criminal Justice (3 cr. hrs.)
 - minimum grade C
 - CJUS-P 303 Corrections and Criminal Justice (3 cr. hrs.)
 - minimum grade C
 - CJUS-P 335 Substantive Criminal Law (3 cr. hrs.)
 - minimum grade C
 - CJUS-P 375 American Juvenile Justice System (3 cr. hrs.)

- minimum grade C
- Criminal Justice/System Course (3 credit hours):
- CJUS-P301Police in Contemporary Society(3 cr. hrs.)
 - minimum grade C
- CJUS-P302Courts and Criminal Justice(3 cr. hrs.)
 - minimum grade C
- CJUS-P303Corrections and Criminal Justice(3 cr. hrs.)
 - minimum grade C
- CJUS-P304Probation and Parole(3 cr. hrs.)
 - minimum grade C
- CJUS-P375American Juvenile Justice System(3 cr. hrs.)
 - minimum grade C
- Criminology/Theory Course (3 credit hours):
- CJUS-P362Sex Offenders(3 cr. hrs.)
 - minimum grade C
- CJUS-P407Terrorism(3 cr. hrs.)
 - minimum grade C
- CJUS-P426Juvenile Delinquency(3 cr. hrs.)
 - minimum grade C
- CJUS-P444Victimization(3 cr. hrs.)
 - minimum grade C
- CJUS-P457Seminar on White Collar Crime(3 cr. hrs.)
 - minimum grade C
- Applied/Administration Course (3 credit hours):
- CJUS-P313Conflict Management(3 cr. hrs.)
 - minimum grade C
- CJUS-P320Foundations of Criminal Investigation(3 cr. hrs.)
 - minimum grade C
- CJUS-P325Principles of Forensic Investigation(3 cr. hrs.)
 - minimum grade C
- CJUS-P330Criminal Justice Ethics(3 cr. hrs.)
 - minimum grade C
- CJUS-P372Evidence(3 cr. hrs.)
 - minimum grade C
- CJUS-P373Correctional Law(3 cr. hrs.)
 - minimum grade C
- CJUS-P374Substantive Criminal Law(3 cr. hrs.)
 - minimum grade C

- CJUS-P376Procedural Criminal Law(3 cr. hrs.)
 - minimum grade C
- CJUS-P411Criminal Justice Management(3 cr. hrs.)
 - minimum grade C
- CJUS-P413Police Community Relations(3 cr. hrs.)
 - minimum grade C
- Socio-legal and Cultural Justice Studies Course (3 credit hours):
- CJUS-P335Race, Gender and Inequality in the Criminal Justice System(3 cr. hrs.)
 - minimum grade C
- CJUS-P305Deviant Images/Deviant Projects(3 cr. hrs.)
 - minimum grade C
- CJUS-P306Drugs, Society and Justice(3 cr. hrs.)
 - minimum grade C
- CJUS-P316Crime in the Movies(3 cr. hrs.)
 - minimum grade C
- CJUS-P360Psychology and the Law(3 cr. hrs.)
 - minimum grade C
- CJUS-P416Capital Punishment(3 cr. hrs.)
 - minimum grade C
- CJUS-P423Sexuality and Law(3 cr. hrs.)
 - minimum grade C
- CJUS-P458Wrongful Conviction(3 cr. hrs.)
 - minimum grade C

- CJUS-P471Comparative Study in Criminal Justice Studies(3 cr. hrs.)
 - minimum grade C
- CJUS-xx3xx/4xxAdditional CJUS course at the 300/400 level (3 credit hours)(3 cr. hrs.)
 - minimum grade C
- CJUS-xx3xx/4xxAdditional CJUS course at the 300/400 level (3 credit hours)(3 cr. hrs.)
 - minimum grade C

Students must complete two social science electives from a single discipline with at least one at the 300-level or above (6 credit hours):

- XXXX-xxxxSingle discipline area(3 cr. hrs.)
 - minimum grade C
- XXXX-x3xx/4xxSingle discipline area(3 cr. hrs.)
 - minimum grade C

Electives - as needed to reach 120 credit hours.

Minor in Criminal Justice

Specific Requirements for Minor

Fifteen (15) credit hours, consisting of:

- CJUS-P100Introduction to Criminal Justice(3 cr. hrs.)
 - minimum grade C-
- CJUS-P200Theories of Crime and Deviance(3 cr. hrs.)
 - minimum grade C-
- CJUS-P295Criminal Justice Data, Methods and Resources(3 cr. hrs.)
 - minimum grade C-

Plus any two CJUS courses (3 cr. each)6C-

History

History is the investigation of change and continuity in human societies over time. Historical study aims to understand the past in order to better understand the present. Studying history creates a trained habit of thinking in the long term and integrating a multi-disciplinary approach to the past by studying politics, society, the economy, arts, and other intellectual and cultural facets of the human experience. History is both a study of humanities and a social science. It addresses the study of individuals and the broader society, teaching you to shift your focus back and forth between the two, evaluating issues in context.

The skills and knowledge acquired in the History major at IU Southeast prepare students for success. Like other liberal arts disciplines, history sharpens your ability to think critically, argue logically, conduct research, analyze data, and communicate clearly, both orally and in writing. The coursework in history is excellent preparation for entering the professional world or graduate school.

Contact Information

Social Sciences Office: (812) 941-2391

Website: <https://www.ius.edu/history/>

Academics

Undergraduate Degrees

- Bachelor of Science
- Bachelor of Arts
- Bachelor of Arts - Online

Minors

- History Minor

Bachelor of Science in History

Program Description

While long recognizing that history covers all recorded expressions of human activity--political, economic, social, cultural, and intellectual--beginning in the 1970s historians adapted social science techniques to study history, including the construction of databases, statistical analysis, and mapping systems to reveal patterns in history that were not available from traditional interpretations of written records. Use of these tools has expanded dramatically over the last three decades as new technological developments have changed the way that people research and explore history, as well the way history is shared and learned. Students and scholars are pushed beyond the boundaries of books and journals

into new media that require sophisticated mathematical, geographic, and technological understanding.

The Bachelor of Science degree program melds the broad perspective, analytical, and effective communication skills inherent in the Bachelor of Arts degree with a working knowledge of statistics, science, and computing to prepare students to for work or further research in economic history, digital humanities, finance, business administration, information systems, marketing, and government agencies.

Student Learning Goals

1. Students will develop skills in research, critical thinking, data analysis, and oral and written communications.
 - Critical Thinking skills: Students develop their critical thinking skills.
 - Conduct research and analyze data: Students will learn where to find primary sources and historical scholarship in databases and libraries, as well as how to evaluate their sources.
 - Communicate clearly, both orally and in writing:
 1. Oral presentations: Students will give presentations on their research in the sophomore and senior seminars.
 2. Written work: Students will learn to write and incorporate their thesis in introductions to writing; smoothly integrate evidence into writing; organize their writing with coherent paragraphs, transitions, and flow of ideas; and correct citations following the Chicago style.
2. Students develop the skills and methods of historical scholars, including:
 - Historical Terminology: Students will know basic terminology in history.
 - Historical Methodology: Students will learn and apply methods of historians in writing and research in two research seminars.
 - Historical Analysis: Students will learn how to formulate interpretations of history that convey human agency, context, continuity, and change.
3. Students learn knowledge about historical geography, historical actors, social movements and ideas, and events of significance in at least three geographic regions.

Degree Requirements

General

Complete 120 total credit hours, with at least 30 at the 300-400 (upper division) level, with a program cumulative grade point average of 2.0

General Education Requirements (30 credit hours)

Complete the University General Education curriculum requirements.

Bachelor of Science Requirements (7 credits hours)

Complete 2 courses, one with a lab; one without from Computer, Physical or Life Sciences disciplines, in

addition to the lab course take to fulfill the University General Education requirements. Computer science courses are those under department heading CSCI-*. For Physical and Life Science choices, see [BA Distribution Requirement](#) list, and select from choices in the Methods of Inquiry in the Natural Sciences.

Major Requirements:

Department	Number	Course Name	Credit Hours	Minimum Grade
HIST-xx	1xx	Any 100-level HIST course	3	C-
HIST-xx	1xx	Any 100-level HIST course	3	C-
HIST-xx	1xx	Any 100-level HIST course	3	C-
HIST-xx	1xx	Any 100-level HIST course	3	C-
HIST-H	199	Careers for History Majors	1	C-
HIST-xx	2xx-4xx	Geographical Area 1*	Out of 12 units*	C-
HIST-xx	2xx-4xx	Geographical Area 1*	Out of 12 units*	C-
HIST-xx	2xx-4xx	Geographical Area 2*	Out of 12 units*	C-
HIST-xx	2xx-4xx	Geographical Area 3*	Out of 12 units*	C-
HIST-xx	2xx-4xx	Any 200-400 level HIST course	3	C-
HIST-xx	2xx-4xx	Any 200-400 level HIST course	3	C-
HIST-H	236	The Historian's Craft	3	C-
HIST-J	495	Proseminar for History Majors	3	C-
xxxx-x	xxx	Non-HIST elective	3	C-
xxxx-x	xxx	Non-HIST elective	3	C-

*Students must complete 12 units from three selected geographical areas. Six (6) units must be from one of the selected areas.

Geographical Areas:

Department	Number	Course Name	Credit Hours	Minimum Grade
United States History				

HIST-A	260	Early North American Women's History	3	C-
HIST-A	261	Modern American Women's History	3	C-
HIST-A	301	Colonial North America, 1500-1763	3	C-
HIST-A	302	Revolutionary America, 1763-1791	3	C-
HIST-A	303	United States, 1792-1829	3	C-
HIST-A	304	United States, 1830-1865	3	C-
HIST-A	310	Survey of American Indians I	3	C-
HIST-A	313	Origins of Modern America, 1865-1919	3	C-
HIST-A	314	Recent U.S. History, 1919-1945	3	C-
HIST-A	315	Recent U.S. History, 1945-present	3	C-
HIST-A	317	American Social History, 1865-present	3	C-
HIST-A	333	History of Indiana 1	3	C-
HIST-A	348	Civil War and Reconstruction	3	C-
HIST-A	356	African-American History II	3	C-
HIST-A	380	The Vietnam War	3	C-
HIST-A	381	Civil Rights Era in the U.S.	3	C-
HIST-H	218	History of Motion Pictures	3	C-
HIST-H	233	Sports in History	3	C-

HIST-H	373	History of Science and Technology	3	C-
HIST-H	407	Oral History	3	C-
European History				
HIST-B	323	History of the Holocaust	3	C-
HIST-B	356	French Revolution and Napoleon	3	C-
HIST-B	377	History of Germany Since 1648	3	C-
HIST-H	205	Ancient Civilization	3	C-
HIST-H	206	Medieval Civilization	3	C-
HIST-H	222	Renaissance and Reformation	3	C-
Latin American History				
HIST-F	216/416	History of Slavery in the Americas	3	C-
HIST-F	232	Upheaval in 20th Century Latin America	3	C-
HIST-F	341	Latin America: Conquest and Empire	3	C-
HIST-F	342	Latin America: Evolution and Revolution	3	C-
HIST-F	350	The Environment in Latin American History	3	C-
HIST-F	360	Natural Disasters in Latin American History	3	C-
Asian History				
HIST-G	200	Issues in Asian History	3	C-

HIST-G	300	Issues in Asian History	3	C-
HIST-G	385	Modern China	3	C-
HIST-G	387	Contemporary China	3	C-
HIST-H	207	Modern East Asian Civilizations	3	C-
HIST-H	208	American-East Asian Relations	3	C-
World History				
Can be used for 200-400 level electives)				
HIST-H	243	Environmental History	3	C-
HIST-H	376	Atlantic World History	3	C-
HIST-H	425	Topics in History	3	C-
HIST-W	255	Natural Disasters in World History	3	C-
HIST-W	300	Topics in World History	3	C-

Bachelor of Arts in History - Online Degree Requirements

Students receiving the Bachelor of Arts in Social Sciences degree must complete 120 total credit hours including:

- [General Education Core](#) (30 cr.)
- [Foreign Language Requirement](#) (14 cr.)
- [Bachelor of Arts Distribution Requirement](#) (15 cr.)
- History Foundations (15 cr.)
- Advanced Study in History (21 cr.)
- Electives as needed to complete 120 total credit hours

- A minimum of 30 credit hours at the 300- or 400-level
- Courses required for the major must be completed with a grade of C or higher
- Courses are 3 credit hours unless otherwise noted
- A minimum GPA of 2.0 is required

History Foundations (15 cr.)

- Complete one of the following sequences:
 - HIST-H 105 American History I and HIST-H 106 American History II
 - HIST-H 108 Perspectives on the World to 1800 and HIST-H 109 Perspectives on the World since 1800

- HIST-H 113 History of Western Civilization I and HIST-H 114 History of Western Civilization II
- Complete two additional 100/200 level history courses
- HIST-J 216 Sophomore History Seminar

Advanced Study in History (21 cr.)

- Complete six history courses at the 300/400 level covering at least three of the following regions:
 - HIST-A: U.S.
 - HIST-B: Western Europe
 - HIST-D: Russia/Eastern Europe
 - HIST-E: Africa
 - HIST-F: Latin America
 - HIST-G: East Asia
- HIST-J 496 Proseminar in History

Bachelor of Arts in History

The study of history covers all recorded expressions of human activity: political, economic, social, cultural, and intellectual. Because of its broad scope, history provides an exceptional introduction to all studies that concern human beings and their activities. Historians seek to understand not only the past but also how it informs the present. History focuses on the complex but essential issues of change over time.

The discipline of history demands and develops a broad perspective, analytical skills, and an ability to communicate with clarity and acumen. It is among the most useful disciplines because it enhances skills that can be beneficial in any vocational setting.

Student Learning Goals

1. Students will develop skills in research, critical thinking, data analysis, and oral and written communications.
 - Critical Thinking skills: Students develop their critical thinking skills.
 - Conduct research and analyze data: Students will learn where to find primary sources and historical scholarship in databases and libraries, as well as how to evaluate their sources.
 - Communicate clearly, both orally and in writing:
 1. Oral presentations: Students will give presentations on their research in the sophomore and senior seminars.
 2. Written work: Students will learn to write and incorporate their thesis in introductions to writing; smoothly integrate evidence into writing; organize their writing with coherent paragraphs, transitions, and flow of ideas; and correct citations following the Chicago style.
2. Students develop the skills and methods of historical scholars, including:
 - Historical Terminology: Students will know basic terminology in history.

- Historical Methodology: Students will learn and apply methods of historians in writing and research in two research seminars.
- Historical Analysis: Students will learn how to formulate interpretations of history that convey human agency, context, continuity, and change.

3. Students learn knowledge about historical geography, historical actors, social movements and ideas, and events of significance in at least three geographic regions.

Degree Requirements

Students receiving the Bachelor of Arts in History degree must complete 120 total credit hours including:

- General Education Core (30 cr.)
- Foreign Language Requirement (14 cr.)
- Bachelor of Arts Distribution Requirement (15 cr.)
- Major Specific Requirements (37 cr.)
- Electives as needed to complete 120 total credit hours

- A minimum of 30 credit hours at the 300- or 400-level
- Courses required for the major must be completed with a grade of C- or higher
- A minimum GPA of 2.0 is required
- Courses are 3 credit hours unless otherwise noted

Major Specific Requirements (37 hours)

HIST-H 199 Careers for History Majors

Four courses from HIST- E 100, HIST-F 100, HIST-G 100, HIST-H 101, HIST-H 103, HIST-H 104, HIST-H 105, HIST-H 106

Six courses at the 200, 300 or 400 level, including two courses in one geographical area, one course in a second geographical area, one course in a third geographical area, and two additional courses;

HIST- H 236 Must take before senior year; cannot be taken at the same time as a senior seminar or the semester previous to senior seminar.

HIST-J 495 Students will not be authorized for Senior Seminar, in a semester in which they are taking Sophomore Seminar or in a semester immediately following the semester in which they took Sophomore Seminar.

No more than three courses that count toward the major can be transferred in or taken online via another IU campus.

HIST-H 236 and HIST-J 495 must be taken from IU Southeast faculty and will not be replaced with another class.

- HIST-H 199 Careers for History Majors (1 cr. hrs.)
 - minimum grade C-
- HIST-E 100 Issues in African History (3 cr. hrs.)

- minimum grade C-
- HIST-F 100 Issues in Latin American History (3 cr. hrs.)
 - minimum grade C-
- HIST-G 100 Issues in Asian History (3 cr. hrs.)
 - minimum grade C-
- HIST-H 101 The World in the 20th Century (3 cr. hrs.)
 - minimum grade C-
- HIST-H 103 Europe: Renaissance to Napoleon (3 cr. hrs.)
 - minimum grade C-
- HIST-H 104 Europe: Napoleon to the Present (3 cr. hrs.)
 - minimum grade C-
- HIST-H 105 American History I (3 cr. hrs.)
 - minimum grade C-
- HIST-H 106 American History II (3 cr. hrs.)
 - minimum grade C-
- HIST-H 236 The Historian's Craft (3 cr. hrs.)
 - minimum grade C-

Capstone

- HIST-J 495 Proseminar for History Majors (3 cr. hrs.)
 - minimum grade C-

Geographical Area History Courses

- United States History (cr. hrs.)
 - minimum grade
- HIST-A 260 Early North American Women's History (3 cr. hrs.)
 - minimum grade C-
- HIST-A 261 Modern American Women's History (3 cr. hrs.)
 - minimum grade C-
- HIST-A 301 Colonial North America, 1500-1763 (3 cr. hrs.)
 - minimum grade C-
- HIST-A 302 Revolutionary America, 1763-1791 (3 cr. hrs.)
 - minimum grade C-
- HIST-A 303 United States, 1792-1829 (3 cr. hrs.)
 - minimum grade C-
- HIST-A 304 United States, 1830-1865 (3 cr. hrs.)
 - minimum grade C-
- HIST-A 310 Survey of American Indians 1 (3 cr. hrs.)
 - minimum grade C-
- HIST-A 313 Origins of Modern America, 1865-1919 (3 cr. hrs.)
 - minimum grade C-
- HIST-A 314 Recent U.S. History, 1919-1945 (3 cr. hrs.)
 - minimum grade C-
- HIST-A 315 Recent U.S. History II, 1945-present (3 cr. hrs.)
 - minimum grade C-
- HIST-A 317 American Social History, 1865-present (3 cr. hrs.)
 - minimum grade C-
- HIST-A 333 History of Indiana 1 (3 cr. hrs.)
 - minimum grade C-
- HIST-A 348 Civil War & Reconstruction (3 cr. hrs.)
 - minimum grade C-
- HIST-A 356 African-American History II (3 cr. hrs.)
 - minimum grade C-
- HIST-A 380 The Vietnam War (3 cr. hrs.)
 - minimum grade C-
- HIST-A 381 Civil Rights Era in the U.S. (3 cr. hrs.)
 - minimum grade C-
- HIST-H 218 History of Motion Pictures (3 cr. hrs.)
 - minimum grade C-
- HIST-H 233 Sports in History (3 cr. hrs.)
 - minimum grade C-
- HIST-H 373 History of Science & Technology (3 cr. hrs.)
 - minimum grade C-
- HIST-H 407 Oral History (3 cr. hrs.)
 - minimum grade C-
- European History (cr. hrs.)
 - minimum grade
- HIST-B 323 History of the Holocaust (3 cr. hrs.)
 - minimum grade C-
- HIST-B 356 French Revolution and Napoleon (3 cr. hrs.)
 - minimum grade C-
- HIST-B 377 History of Germany Since 1648 (3 cr. hrs.)
 - minimum grade C-
- HIST-H 205 Ancient Civilization (3 cr. hrs.)
 - minimum grade C-

- HIST-H 206 Medieval Civilization (3 cr. hrs.)
 - minimum grade C-
- HIST-H 222 Renaissance & Reformation (3 cr. hrs.)
 - minimum grade C-

Latin American History

- HIST-F 216/416 History of Slavery in the Americas (3 cr. hrs.)
 - minimum grade C-
- HIST-F 232 Upheaval in 20th Century Latin America (3 cr. hrs.)
 - minimum grade C-
- HIST-F 341 Latin America: Conquest & Empire (3 cr. hrs.)
 - minimum grade C-
- HIST-F 342 Latin America: Evolution & Revolution (3 cr. hrs.)
 - minimum grade C-
- HIST-F 350 The Environment in Latin American History (3 cr. hrs.)
 - minimum grade C-
- HIST-F 360 Natural Disasters in Latin American History (3 cr. hrs.)
 - minimum grade C-

Asian History

- HIST-G 200 Issues in Asian History (3 cr. hrs.)
 - minimum grade C-
- HIST-G 300 Issues in Asian History (3 cr. hrs.)
 - minimum grade C-
- HIST-G 385 Modern China (3 cr. hrs.)
 - minimum grade C-
- HIST-G 387 Contemporary China (3 cr. hrs.)
 - minimum grade C-
- HIST-H 207 Modern East Asian Civilizations (3 cr. hrs.)
 - minimum grade C-
- HIST-H 208 American-East Asian Relations (3 cr. hrs.)
 - minimum grade C-

World History (can be used for 200-400 History electives)

- HIST-H 243 Environmental History (3 cr. hrs.)
 - minimum grade C-
- HIST-H 376 Atlantic World History (3 cr. hrs.)
 - minimum grade C-
- HIST-H 425 Topics in History (3 cr. hrs.)
 - minimum grade C-
- HIST-W 255 Natural Disasters in World History (3 cr. hrs.)
 - minimum grade C-

- minimum grade C-

- HIST-W 300 Topics in World History (3 cr. hrs.)

- minimum grade C-

Minor in History

Degree Requirements

Requirements for a Minor in History: 18 credit hours in history, including: three courses from among HIST-E 100, HIST-F 100, HIST-G 100, HIST-G101, HIST-G102, HIST-H 101, HIST-H 103, HIST-H 104, HIST-H 105, HIST-H 106, HIST-W101; and three 200, 300, or 400-level courses, including HIST-H 236 and one course from a second geographical area.

- HIST-E 100 Issues in African History (3 cr. hrs.)
 - minimum grade C-
- HIST-F 100 Issues in Latin American History (3 cr. hrs.)
 - minimum grade C-
- HIST-G 100 Issues in Asian History (3 cr. hrs.)
 - minimum grade C-
- HIST-H 101 The World in the Twentieth Century (3 cr. hrs.)
 - minimum grade C-
- HIST-H 103 Europe: Renaissance to Napoleon (3 cr. hrs.)
 - minimum grade C-
- HIST-H 104 Europe: Napoleon to the Present (3 cr. hrs.)
 - minimum grade C-
- HIST-H 105 American History I (3 cr. hrs.)
 - minimum grade C-
- HIST-H 106 American History II (3 cr. hrs.)
 - minimum grade C-
- HIST-H 236 The Historian's Craft (3 cr. hrs.)
 - minimum grade C-

Specific Requirements for Minor in History

HIST-H 236 is required for Minor in History.

- HIST-H 236 The Historian's Craft (3 cr. hrs.)
 - minimum grade C-

International Studies

International Studies draws from different disciplines, including language and culture, history, political science, economics and geography, providing flexible preparation for an increasingly global and rapidly changing world. Employers want skills the International Studies students learn, including multi-cultural competency, the ability to work in a diverse environment, multi-lingual communications skills, analytical and information management skills, and more. Common areas of employment for students majoring in International

Studies include the private business sector, non-profit organizations, government, and education.

Contact Information

Social Sciences Office: (812) 941-2391

Website: <https://www.ius.edu/international-studies/>

Academics

Undergraduate Degrees

- Bachelor of Arts

Undergraduate Certificates

- Asian Affairs Certificates
- European Affairs Certificates
- Latin American Affairs Certificates

Minors

- International Studies Minor

International Studies (Bachelor of Arts)

Mission/Vision Statement

To create students who can operate successfully throughout their lives in an ever-expanding and diversifying global environment.

Student Learning Goals

1. Describe a range of cultural, economic, political, and social systems around the globe and their interrelationships.
2. Demonstrate knowledge of particular world region's cultures, history, economic, political, and social systems, and a language of the region.
3. Demonstrate a sense of global citizenship.
4. Demonstrate effective analytical skills and oral and written communication skills.

Core Program

The major in International Studies includes core requirements and requirements for one regional concentration. In addition, study abroad or an international engagement activity is required, the international engagement activity being reserved for those majors with a demonstrated inability to study abroad. Study in approved study abroad programs will be applied to fulfillment of other requirements in the major. Students should speak with an international studies faculty member for more details.

Completion of the third year of foreign language study in a language correlating to a student's regional concentration - 2 classes of the following in the same language: FREN-F 313, FREN- 314, FREN-F 315, or FREN-F 316 (Europe or Africa); GER-G 310 and GER-G 311 (Europe); EALC-J 301 and EALC-J 302 (Asia); SPAN-S 311, SPAN-S 312, or SPAN-S 317 (Europe or Latin America).

1. INTL-I 100 Introduction to International Studies - must be taken face-to-face with an IU Southeast faculty member
2. INTL-I 199 Careers for International Studies Majors
3. INTL-I 400 International Studies Capstone Seminar - must be taken face-to-face with an IU Southeast faculty member

4. ECON-E 333 International Economics or POLS-Y 376 International Political Economy
5. GEOG-G 201 World Regional Geography
6. POLS-Y 109 Introduction to International Relations or POLS-Y 107 Introduction to Comparative Politics
7. HIST-H 101 The World in the 20th Century
8. Participation in an approved study abroad program or an international engagement activity

- EALC-J 301 Third Year Japanese I (3 cr. hrs.)
 - minimum grade C-
- EALC-J 302 Third Year Japanese II (3 cr. hrs.)
 - minimum grade C-
- FREN-F 313 Advanced Grammar and Composition I (3 cr. hrs.)
 - minimum grade C-
- FREN-F 314 Advanced Grammar and Composition II (3 cr. hrs.)
 - minimum grade C-
- FREN-F 315 French Conversation and Diction I (3 cr. hrs.)
 - minimum grade C-
- FREN-F 316 French Conversation and Diction II (3 cr. hrs.)
 - minimum grade C-
- GER-G 311 Composition and Conversation (3 cr. hrs.)
 - minimum grade C-
- GER-G 310 Deutsch: Mittelstufe II (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 311 Spanish Grammar (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 312 Written Composition in Spanish (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 317 Spanish Conversation and Diction (3 cr. hrs.)
 - minimum grade C-
- ECON-E 333 International Economics (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 376 International Political Economy (3 cr. hrs.)
 - minimum grade C-
- GEOG-G 201 World Regional Geography (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 109 Introduction to International Politics (3 cr. hrs.)
 - minimum grade C-

- POLS-Y 107 Introduction to Comparative Politics (3 cr. hrs.)
 - minimum grade C-
- HIST-H 101 The World in the Twentieth Century (3 cr. hrs.)
 - minimum grade C-
- INTL-I 100 Introduction to International Studies (3 cr. hrs.)
 - minimum grade C-
- INTL-I 199 Careers for International Studies Majors (1 cr. hrs.)
 - minimum grade C-

Capstone

- INTL-I 400 International Studies Capstone Seminar (3 cr. hrs.)
 - minimum grade C-

Europe Concentration

EUROPE (15 credit hours, at least 12 at the 200 level or higher):

Group A: Language and Culture (one course) FREN-F 300, FREN-F 363, FREN-F 461, FREN-F 474, FREN-F 475, FREN-F 495, GER-G 362, GER-G 363, GER-G 415, GER-G 418, GER-G 464, SPAN-S 411, SPAN-S 407, SPAN-S 408, FINA-A 101, FINA-A 102, ENG-L 297, ENG-L 298, ENG-L 303, ENG-L 309, ENG-L 313, ENG-L 314, ENG-L 365

Subject to Departmental Approval: SPAN-S 275, SPAN-S 291, SPAN-S 301, SPAN-S 302, SPAN-S 303, SPAN-S 363, SPAN-S 494

Group B: History and Philosophy (one course) HIST-B 359, HIST-B 360, HIST-B 361, HIST-B 362, HIST-H 103, HIST-H 104, PHIL-P 302, PHIL-P 304, PHIL-P 314, PHIL-P 410, REL-R 152, REL-R 327

Group C: Politics and Geography (one course) POLS-Y 335, POLS-Y 349, POLS-Y 354, GEOG-G 418

Group D: Two other courses in the concentration

- FREN-F 300 Lectures Et Analyses Litteraires (3 cr. hrs.)
 - minimum grade C-
- FREN-F 363 Introduction A La France Moderne (3 cr. hrs.)
 - minimum grade C-
- FREN-F 461 La France Contemporaine (3 cr. hrs.)
 - minimum grade C-
- FREN-F 474 Theme Et Version (3 cr. hrs.)
 - minimum grade C-
- FREN-F 475 Le Francais Oral : Cours Avance (3 cr. hrs.)
 - minimum grade C-
- FREN-F 495 Individual Readings in French (Variable Topics) (3 cr. hrs.)
 - minimum grade C-

- GER-G 362 Introduction to Contemporary Germany (3 cr. hrs.)
 - minimum grade C-
- GER-G 363 Introduction to German Cultural History (3 cr. hrs.)
 - minimum grade C-
- GER-G 415 Perspectives on German Literature (3 cr. hrs.)
 - minimum grade C-
- GER-G 418 German Film and Popular Culture (3 cr. hrs.)
 - minimum grade C-
- GER-G 464 German Culture and Society (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 411 Span: The Cultural Context (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 407 Survey of Spanish Literature I (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 408 Survey of Spanish Literature II (3 cr. hrs.)
 - minimum grade C-
- FINA-A 101 Ancient and Medieval Art (3 cr. hrs.)
 - minimum grade C-
- FINA-A 102 Renaissance Through Modern Art (3 cr. hrs.)
 - minimum grade C-
- ENG-L 297 English Literature to 1600 (3 cr. hrs.)
 - minimum grade C-
- ENG-L 298 English Literature from 1600 to 1800 (3 cr. hrs.)
 - minimum grade C-
- ENG-L 299 English Literature since 1800 (3 cr. hrs.)
 - minimum grade C-
- ENG-L 303 Medieval English Literature in Translation (3 cr. hrs.)
 - minimum grade C-
- ENG-L 309 Elizabethan Poetry (3 cr. hrs.)
 - minimum grade C-
- ENG-L 313 Early Plays of Shakespeare (3 cr. hrs.)
 - minimum grade C-
- ENG-L 314 Late Plays of Shakespeare (3 cr. hrs.)
 - minimum grade C-
- ENG-L 365 Continental Drama (3 cr. hrs.)
 - minimum grade C-

- SPAN-S 275 Hispanic Culture and Conversation* (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 291 Hispanic Literature and Civilization* (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 301 The Hispanic World I* (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 302 The Hispanic World II* (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 303 The Hispanic World III* (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 363 Introduccion a La Cultura Hispanica* (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 494 Individual Readings in Hispanic Studies* (3 cr. hrs.)
 - minimum grade C-
- HIST-B 359 Europe, 1789-1848 (3 cr. hrs.)
 - minimum grade C-
- HIST-B 360 Europe, 1848-1914 (3 cr. hrs.)
 - minimum grade C-
- HIST-B 361 Europe in the Twentieth Century (3 cr. hrs.)
 - minimum grade C-
- HIST-B 362 Europe in the Twentieth Century, Since 1945 (3 cr. hrs.)
 - minimum grade C-
- HIST-H 103 Europe: Renaissance to Napoleon (3 cr. hrs.)
 - minimum grade C-
- HIST-H 104 Europe: Napoleon to the Present (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 302 Medieval Philosophy (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 304 19th Century Philosophy (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 314 Modern Philosophy (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 410 Ancient Greek Philosophy (3 cr. hrs.)
 - minimum grade C-
- REL-R 152 Jews, Christians, and Muslims (3 cr. hrs.)
 - minimum grade C-

- REL-R 327 Christianity, 50-450 (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 335 European Politics (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 349 Comparative Public Policy (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 354 Nationalism in Europe (3 cr. hrs.)
 - minimum grade C-
- GEOG-G 418 Historical Geography (3 cr. hrs.)
 - minimum grade C-

Latin America Concentration

LATIN AMERICA (15 credit hours, at least 12 at the 200 level or higher):

Group A: Language and Culture (one course) SPAN-S 412, SPAN-S 471, SPAN-S 472, FINA-A 150

Subject to Departmental Approval: SPAN-S 275, SPAN-S 291, SPAN-S 301, SPAN-S 302, SPAN-S 303, SPAN-S 363, SPAN-S 494

Group B: History and Philosophy (one course) HIST-F 100, HIST-F 216, HIST-F 416, HIST-F 232, HIST-F 341, HIST-F 342, HIST-F 350, HIST-F 360

Subject to Departmental Approval: HIST-H 231

Group C: Politics and Geography (one course) POLS-Y 337, GEOG-G 323

Group D: Two other courses in the concentration

- SPAN-S 412 Spanish America: The Cultural Context (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 471 Spanish American Literature (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 472 Spanish American Literature II (3 cr. hrs.)
 - minimum grade C-
- FINA-A 150 African, New World/Oceanic Art (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 275 Hispanic Culture and Conversation* (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 291 Hispanic Literature and Civilization* (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 301 The Hispanic World I* (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 302 The Hispanic World II* (3 cr. hrs.)
 - minimum grade C-

- SPAN-S 303 The Hispanic World III* (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 363 Introduccion a la Cultura Hispanica* (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 494 Individual Readings in Hispanic Studies* (3 cr. hrs.)
 - minimum grade C-
- HIST-F 100 Issues in Latin American History (3 cr. hrs.)
 - minimum grade C-
- HIST-F 216 416 History of Slavery in the Americas (3 cr. hrs.)
 - minimum grade C-
- HIST-F 232 Upheaval in 20th Century Latin America (3 cr. hrs.)
 - minimum grade C-
- HIST-F 341 Latin America: Conquest and Empire (3 cr. hrs.)
 - minimum grade C-
- HIST-F 342 Latin America: Evolution and Revolution (3 cr. hrs.)
 - minimum grade C-
- HIST-F 350 The Environment in Latin American History (3 cr. hrs.)
 - minimum grade C-
- HIST-F 360 Natural Disasters in Latin American History (3 cr. hrs.)
 - minimum grade C-
- HIST-H 231 Women, Men, and Family in History* (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 337 Latin American Politics (3 cr. hrs.)
 - minimum grade C-
- GEOG-G 323 Geography of Latin America (3 cr. hrs.)
 - minimum grade C-

East Asia Concentration

EAST ASIA (15 credit hours, at least 12 at the 200 level or higher):

Group A: Language and Culture (one course) FINA-A 362, FINA-A 451, FINA-A 456, REL-R 153, REL-R 354

Group B: History and Philosophy (one course) HIST-G 100, HIST-G 200, HIST-G 300, HIST-G 385, HIST-G 387, HIST-H 207, HIST-H 208, PHIL-P 170, PHIL-P 374

Group C: Politics and Geography (one course) POLS-Y 369

Group D: Two other courses in the concentration

- FINA-A 362 Art of Japan (3 cr. hrs.)
 - minimum grade C-

- FINA-A 451 Art of the South Pacific (3 cr. hrs.)
 - minimum grade C-
- FINA-A 456 Samoa Art and Culture (3 cr. hrs.)
 - minimum grade C-
- REL-R 153 Religions of Asia (3 cr. hrs.)
 - minimum grade C-
- REL-R 354 Buddhism (3 cr. hrs.)
 - minimum grade C-
- HIST-G 100 Introduction to Asian History (3 cr. hrs.)
 - minimum grade C-
- HIST-G 200 300 Issues in Asian History (3 cr. hrs.)
 - minimum grade C-
- HIST-G 385 Modern China (3 cr. hrs.)
 - minimum grade C-
- HIST-G 387 Contemporary China (3 cr. hrs.)
 - minimum grade C-
- HIST-H 207 Modern East Asian Civilization (3 cr. hrs.)
 - minimum grade C-
- HIST-H 208 American-East Asian Relations (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 170 Intro to Asian Philosophy (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 374 Early Chinese Philosophy (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 369 Asian Politics (3 cr. hrs.)
 - minimum grade C-

Africa Concentration

For the African Concentration, it is expected that students will need to take courses through Metroversity and/or study abroad programs in order to meet the requirements of this concentration. See the International Studies Program Coordinator for advising.

AFRICA (15 credit hours, at least 12 at the 200 level or higher):

Group A: Language and Culture (one course) FREN-F 415, FINA-A 150

Subject to Departmental Approval: FREN-F 305

Group B: History and Philosophy (one course) HIST-E 100, REL-R 257

Group C: Politics and Geography (one course) GEOG-G 425

Group D: Two other courses in the concentration Courses to be taken on a study abroad program or through Metroversity and are subject to the approval of the Program Coordinator of International Studies

- FREN-F 415 La Culture Francophone (3 cr. hrs.)
 - minimum grade C-
- FINA-A 150 African, New World/Oceanic Art (3 cr. hrs.)
 - minimum grade C-
- FREN-F 305 Chefs D'Oeuvre De La Litterature Francaise I* (3 cr. hrs.)
 - minimum grade C-
- HIST-E 100 Issues in African History (3 cr. hrs.)
 - minimum grade C-
- REL-R 257 Introduction to Islam (3 cr. hrs.)
 - minimum grade C-
- GEOG-G 425 Africa: Contemporary Geography Problems (3 cr. hrs.)
 - minimum grade C-

**Denotes courses that are subject to departmental approval.*

Minor in International Studies

Minor Requirements

1. INTL-I 100 - Introduction to International Studies (3 credits) - must be taken face-to-face with an IU Southeast faculty member
2. Two years of a single foreign language.
3. Two of the following options (6 credits):
 - ECON-E or POLS-Y 333 or 376 International Economics or International Political Economy (3 cr. hrs.)
 - minimum grade C-
 - prerequisite/co-requisite: A.
 - GEOG-G 201 World Regional Geography (3 cr. hrs.)
 - minimum grade C-
 - prerequisite/co-requisite: B.
 - POLS-Y or POLS-Y 109 or 107 Introduction to International Relations or Introduction to Comparative Politics (3 cr. hrs.)
 - minimum grade C-
 - prerequisite/co-requisite: C.
 - HIST-H 101 The World in the 20th Century (3 cr. hrs.)
 - minimum grade C-
 - prerequisite/co-requisite: D.
3. One course from each group of a selected International Studies concentration (A, B, and C, as displayed below):

Europe Concentration

- Group A: Language and Culture (cr. hrs.)

- FREN-F 300 Lectures Eg Analyses Litteraires (3 cr. hrs.)
 - minimum grade C-
- FREN-F 363 Introduction a la France Moderne (3 cr. hrs.)
 - minimum grade C-
- FREN-F 461 La France Contemporaine (3 cr. hrs.)
 - minimum grade C-
- FREN-F 474 Theme Et Version (3 cr. hrs.)
 - minimum grade C-
- FREN-F 475 Le Francais Oral: Cours Avance (3 cr. hrs.)
 - minimum grade C-
- FREN-F 495 Individual Readings in French (Variable Topics (3 cr. hrs.)
 - minimum grade C-
- GER-G 362 Introduction to Contemporary Germany (3 cr. hrs.)
 - minimum grade C-
- GER-G 363 Introduction to German Cultural History (3 cr. hrs.)
 - minimum grade C-
- GER-G 415 Perspectives on German Literature (3 cr. hrs.)
 - minimum grade C-
- GER-G 418 German Film and Popular Culture (3 cr. hrs.)
 - minimum grade C-
- GER-G 464 German Culture and Society (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 411 Spanish: The Cultural Context (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 407 Survey of Spanish Literature I (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 408 Survey of Spanish Literature II (3 cr. hrs.)
 - minimum grade C-
- FINA-A 101 Ancient and Medieval Art (3 cr. hrs.)
 - minimum grade C-
- FINA-A 102 Renaissance Through Modern Art (3 cr. hrs.)
 - minimum grade C-
- ENG-L 297 English Literature to 1600 (3 cr. hrs.)
 - minimum grade C-
- ENG-L 298 English Literature from 1600 to 1800 (3 cr. hrs.)
 - minimum grade C-

- ENG-L 303 Medieval English Literature in Translation (3 cr. hrs.)
 - minimum grade C-
- ENG-L 309 Elizabethan Poetry (3 cr. hrs.)
 - minimum grade C-
- ENG-L 313 Early Plays of Shakespeare (3 cr. hrs.)
 - minimum grade C-
- ENG-L 314 Late Plays of Shakespeare (3 cr. hrs.)
 - minimum grade C-
- ENG-L 365 Continental Drama (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 275 Hispanic Culture and Conversation* (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 291 Hispanic Literature and Civilization*(3 cr. hrs.)
 - minimum grade C-
- SPAN-S 301 The Hispanic World I*(3 cr. hrs.)
 - minimum grade C-
- SPAN-S 302 The Hispanic World II*(3 cr. hrs.)
 - minimum grade C-
- SPAN-S 303 The Hispanic World III*(3 cr. hrs.)
 - minimum grade C-
- SPAN-S 363 Introduccion a La Cultura Hispanica*(3 cr. hrs.)
 - minimum grade C-
- SPAN-S 494 Individual Readings in Hispanic Studies*(3 cr. hrs.)
 - minimum grade C-
- Group B: History and Philosophy (cr. hrs.)
- HIST-B 359 Europe, 1789-1848 (3 cr. hrs.)
 - minimum grade C-
- HIST-B 360 Europe, 1848-1914 (3 cr. hrs.)
 - minimum grade C-
- HIST-B 361 Europe in the Twentieth Century (3 cr. hrs.)
 - minimum grade C-
- HIST-B 362 Europe in the Twentieth Century, Since 1945 (3 cr. hrs.)
 - minimum grade C-
- HIST-H 103 Europe: Renaissance to Napoleon (3 cr. hrs.)
 - minimum grade C-
- HIST-H 104 Europe: Napoleon to the Present (3 cr. hrs.)
 - minimum grade C-
- PHIL-P 302 Medieval Philosophy(3 cr. hrs.)
 - minimum grade C-
- PHIL-P 304 19th Century Philosophy(3 cr. hrs.)
 - minimum grade C-
- PHIL-P 314 Modern Philosophy(3 cr. hrs.)
 - minimum grade C-
- PHIL-P 410 Ancient Greek Philosophy(3 cr. hrs.)
 - minimum grade C-
- REL-R 152 Jews, Christians, and Muslims(3 cr. hrs.)
 - minimum grade C-
- REL-R 327 Christianity, 50-450(3 cr. hrs.)
 - minimum grade C-
- Group C: Politics and Geography (cr. hrs.)
- POLS-Y 335 European Politics (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 349 Comparative Public Policy (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 354 Nationalism in Europe (3 cr. hrs.)
 - minimum grade C-
- GEOG-G 418 Historical Geography (3 cr. hrs.)
 - minimum grade C-
-
- Latin America Concentration**
- Group A: Language and Culture (cr. hrs.)
- SPAN-S 412 Spanish America: The Cultural Context (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 471 Spanish American Literature (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 472 Spanish American Literature II (3 cr. hrs.)
 - minimum grade C-
- FINA-A 150 African, New World/Oceanic Art (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 275 Hispanic Culture and Conversation* (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 291 Hispanic Literature and Civilization* (3 cr. hrs.)
 - minimum grade C-

- minimum grade C-
- SPAN-S 301 The Hispanic World I* (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 302 The Hispanic World II* (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 303 The Hispanic World III* (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 363 Introduccion a la Cultura Hispanica* (3 cr. hrs.)
 - minimum grade C-
- SPAN-S 494 Individual Readings in Hispanic Studies* (3 cr. hrs.)
 - minimum grade C-
- Group B: History and Philosophy (cr. hrs.)
- HIST-F 100 Issues in Latin American History (3 cr. hrs.)
 - minimum grade C-
- HIST-F 216/416 History of Slavery in the Americas (3 cr. hrs.)
 - minimum grade C-
- HIST-F 232 Upheaval in 20th Century Latin America (3 cr. hrs.)
 - minimum grade C-
- HIST-F 341 Latin America: Conquest and Empire (3 cr. hrs.)
 - minimum grade C-
- HIST-F 342 Latin America: Evolution and Revolution (3 cr. hrs.)
 - minimum grade C-
- HIST-F 350 The Environment in Latin American History(3 cr. hrs.)
 - minimum grade C-
- HIST-F 360 Natural Disasters in Latin American History(3 cr. hrs.)
 - minimum grade C-
- HIST-H 231 Women, Men, and Family in History*(3 cr. hrs.)
 - minimum grade C-
- Group C: Politics and Geography
- POLS-Y 337 Latin American Politics (3 cr. hrs.)
 - minimum grade C-
- GEOG-G 323 Geography of Latin America (3 cr. hrs.)
 - minimum grade C-

East Asia Concentration

- Group A: Language and Culture (cr. hrs.)

- FINA-A 362 Art of Japan (3 cr. hrs.)
 - minimum grade C-
- FINA-A 451 Art of the South Pacific (3 cr. hrs.)
 - minimum grade C-
- FINA-A 456 Samoa Art and Culture (3 cr. hrs.)
 - minimum grade C-
- REL-R 153 Religions of Asia(3 cr. hrs.)
 - minimum grade C-
- REL-R 354 Buddhism(cr. hrs.)
- Group B: History and Philosophy (cr. hrs.)
- HIST-G 100 Introduction to Asian History (3 cr. hrs.)
 - minimum grade C-
- HIST-G 200/300 Issues in Asian History (3 cr. hrs.)
 - minimum grade C-
- HIST-G 385 Modern China (3 cr. hrs.)
 - minimum grade C-
- HIST-G 387 Contemporary China (3 cr. hrs.)
 - minimum grade C-
- HIST-H 207 Modern East Asian Civilization(3 cr. hrs.)
 - minimum grade C-
- HIST-H 208 American-East Asian Relations(3 cr. hrs.)
 - minimum grade C-
- PHIL-P 170 Intro to Asian Philosophy(3 cr. hrs.)
 - minimum grade C-
- PHIL-P 374 Early Chinese Philosophy(cr. hrs.)
- Group C: Politics and Geography (cr. hrs.)
- POLS-Y 369 Asian Politics (3 cr. hrs.)
 - minimum grade C-

Africa Concentration

For the African Concentration, it is expected that students will need to take courses through Metroversity and/or study abroad programs in order to meet the requirements of this concentration. See the International Studies Program Coordinator for advising.

- Group A: Language and Culture (cr. hrs.)

- FINA-A 150 Africa, New World, and Oceanic Art (3 cr. hrs.)
 - minimum grade C-
- FREN-F 305 Chefs D'Oeuvre De La Litterature Franciase I* (3 cr. hrs.)
 - minimum grade C-
- FREN-F 415 La Culture Francophone (3 cr. hrs.)
 - minimum grade C-
- Group B: History and Philosophy (cr. hrs.)
- HIST-E 100 Issues in African History (3 cr. hrs.)
 - minimum grade C-
- REL-R 257 Introduction to Islam (3 cr. hrs.)
 - minimum grade C-
- Group C: Politics and Geography (cr. hrs.)
- GEOG-G 425 Africa: Contemporary Geographic Problems (3 cr. hrs.)
 - minimum grade C-

**Denotes a course that is subject to departmental approval.*

Journalism & Media

The Journalism & Media Program at IU Southeast offers two tracks: Multimedia Journalism and Public Relations. Our program's focus is on helping you to be career-ready by emphasizing five core skills: communication, collaboration, critical thinking, creativity, and curiosity. In both tracks, you'll create work and develop a strong professional portfolio that will help you land internships and jobs.

Contact Information

Social Sciences Office: (812) 941-2391
Website: <https://www.ius.edu/journalism/>

Academics

Undergraduate Degrees

- Bachelor of Arts
- Bachelor of Science

Minors

- Multimedia Journalism Minor
- Public Relations Minor

Journalism and Media (Bachelor of Arts)

The B.A. degree program in journalism and media is designed for students interested in pursuing media-related careers, including multimedia storytelling, print/broadcast/online journalism, public relations, and corporate communications. The program focuses on development of communication, collaboration, creativity, and critical-thinking skills through applied experiences meant to mirror professional environments.

Student Learning Goals

1. Students will develop an appreciation for the values of the role of journalism and media in a democratic society, both domestically and globally; will evaluate and assess how values are applied by others; and will apply those values to professional work.
 1. Students will identify and apply the principles and laws of freedom of speech and press for the United States, and compare to the U.S. system the range of systems of freedom of expression around the world, including the right to dissent, to monitor and criticize power, and assemble and to petition for redress of grievances.
 2. Students will identify major historical figures and movements, and they will discuss how they contributed to the development of journalism and media professions and institutions.
 3. Students will identify and discuss how gender, race, ethnicity, sexual orientation and, as appropriate, other forms of diversity in domestic society play a role in journalism and media professions, and how journalism and media play a role in societal conceptualizations of diversity issues.
 4. Students will identify and discuss the diversity of peoples and cultures in a broader global society, and will discuss the significance and impact of journalism and media in that broader global society.
 5. Students will identify and discuss ethical principles, standards, and codes of professional journalism and media work, and they will apply those ethical principles, standards and codes to professional practice, especially in pursuit of truth, accuracy, fairness and diversity.
2. Students will demonstrate core communication, collaboration, creativity, critical thinking, and curiosity skills (the five C's) in their journalism and media professional practice.
 1. Students will identify and apply theories of mass and mediated communication in the use and presentation of images and information.
 2. Students will critically evaluate and assess information in its truthfulness, use, and effectiveness in public communication messages.
 3. Students will demonstrate creativity in their development of messages and strategies to inform and engage audiences and publics.
 4. Students will develop strategies to work independently and collaboratively in groups to accomplish goals.
 5. Students will conduct research and evaluate information by methods appropriate to the journalism and media professions in which they work

3. Students will demonstrate professional skills in the journalism and media professions in which they work, and they will be able to self-evaluate and evaluate others in application of professional skills.
 1. Students will identify and evaluate the information needs of appropriate audiences, publics, and communities they might serve in journalism and media professions.
 2. Students will write correctly, clearly, and effectively in forms and styles appropriate for the journalism and media professions, audiences and purposes they serve.
 3. Students will identify and apply basic concepts of visual communication in developing messages.
 4. Students will critically evaluate their own work and that of others for accuracy and fairness, clarity, appropriate style and grammatical correctness.
 5. Students will apply basic numerical and statistical concepts to their professional work.
 6. Students will apply basic tools and technologies appropriate for the journalism and media professions in which they work.
 7. Students will develop career communication skills necessary to explain the broad value of journalism and media skills as they are applied both within and beyond traditional journalism/media professions

Scholarships/Awards

Mike Spencer Scholarship; Jeff Owen Journalism Award.

Degree Requirements

See "General Requirements for Undergraduate Degrees at IU Southeast" and "General Requirements for the Bachelor of Arts Degree."

Note: This is not a re-statement of the University's General Education Requirement but a list of specific General Education courses which are also requirements or pre-requisites for course work in the school/major.

- JOUR-J 200 Reporting, Writing and Editing I (3 cr. hrs.)
 - minimum grade C
- JOUR-C 200 Introduction to Mass Communications (3 cr. hrs.)
 - minimum grade C
- JOUR-J 280 Seminar in Journalism Ethics (3 cr. hrs.)
 - minimum grade C
- MATH-A 118 Finite Mathematics for the Social and Biological Sciences OR (3 cr. hrs.)
 - minimum grade D-
- MATH-M118 Finite Mathematics (3 cr. hrs.)
 - minimum grade D-

Core Program

Both the Multimedia Journalism and Public Relations tracks under the B.A. in Journalism and Media require a common core of 21 credit hours.

- JOUR-C 200 Introduction to Mass Communications (3 cr. hrs.)
 - minimum grade C
- JOUR-J 170 Wordsmithing (2 cr. hrs.)
 - minimum grade C
- JOUR-J 200 Reporting, Writing & Editing I (3 cr. hrs.)
 - minimum grade C
- JOUR-J 210 Visual Communication (3 cr. hrs.)
 - minimum grade C
- JOUR-J 280 Seminar in Journalism Ethics (3 cr. hrs.)
 - minimum grade C
- JOUR-J 300 Communications Law (3 cr. hrs.)
 - minimum grade C
- JOUR-J 301 Social Media Strategies(3 cr. hrs.)
 - minimum grade C
- JOUR-J 307 Media Career Planning (1 cr. hrs.)
 - minimum grade C

Multimedia Journalism Track

The Multimedia Journalism track requires J303 Online Journalism, a photojournalism course (J344 Photojournalism Reporting, J354 Photojournalism Editing, or J384 Videography), two semesters of Student Media Experience on The Horizon (C327 Writing for Publication or J385 Television News – either may be taken twice), two journalism and media electives, and J362 Journal Multimedia Storytelling. Note that a for-credit internship in journalism, PR, or a related field may be counted as a required Journalism and Media elective.

Track Requirements

- JOUR-J303Online Journalism(3 cr. hrs.)
 - minimum grade C
- Photojournalism option (CHOOSE ONE)3C
 - JOUR-J344Photojournalism Reporting(3 cr. hrs.)
 - minimum grade C
 - JOUR-J354Photojournalism Editing(3 cr. hrs.)
 - minimum grade C
 - JOUR-J384Videography(3 cr. hrs.)

Two semesters of student media experience (CHOOSE ONE; either may be taken twice)

- JOUR-C 327 Writing for Publication (3 cr. hrs.)
 - minimum grade C

- JOUR-J 385 Television News (3 cr. hrs.)

- minimum grade C

Electives

Two three credit Journalism and Media electives are required. Any course with a JOUR-J prefix (3 credits, minimum grade of C) is acceptable. NOTE: A for-credit internship in journalism, PR, or related field may be counted as an elective.

Capstone

- JOUR-J 362 Journalism Multimedia Storytelling (3 cr. hrs.)
- minimum grade C

Public Relations Track

The Public Relations track requires JOUR-J 321 Principles of Public Relations, CMCL-C 324 Persuasion, JOUR-J 349 Public Relations Writing, CMCL-C 424 Communications Research Methods, SPCH-S 307 Crisis Management, BUS-M 300 Introduction to Marketing, JOUR-J 429 Public Relations Campaigns, and two directed elective courses. Note that a for-credit internship in journalism, PR, or a related field may be counted as the required journalism elective.

Track Requirements

Dept.	Course Number	Title	Credit Hours	Minimum Grade
JOUR-J	321	Principles of Public Relations	3	C
SPCH-S or CMCL-C	324	Persuasion	3	C
JOUR-J	349	Public Relations Writing	3	C
SPCH-S or CMCL-C	424	Empirical Research Methods or Communication Research Methods	3	C
SPCH-S	307	Crisis Management	3	C
BUS-M	300	Introduction to Marketing	3	C

Electives

Dept.	Course Number	Title	Credit Hours	Minimum Grade
		Two three-credit electives are		

**required.
CHOOSE
ANY TWO
elective
courses
listed
below.**

JOUR-J	320	Principles of Creative Advertising	3	C
JOUR-J	340	PR Tactics and Techniques	3	C
CMCL-C	202	Media in a Global Context	3	C
TEL-R	440	Advertising Strategies	3	C

Any other Journalism or Advertising elective approved by a faculty advisor

A for-credit internship in a journalism, PR, or related field may be counted as a journalism/PR elective

Capstone

- JOUR-J 429 Public Relations Campaigns (3 cr. hrs.)
- minimum grade C

Specific Requirements for Honors Program

Admission to the Journalism Honors Program requires the following:

The student must be a journalism major with junior standing; the student must have at least a 3.3 GPA in all courses and at least a 3.5 GPA in journalism courses; and the student must have completed 14 hours of journalism courses, including JOUR-C 200, JOUR-J 200, JOUR-J170, JOUR-J210, and one semester of JOUR-C 327 or JOUR-J 385. Once admitted to the program, honors students will complete a double major in journalism honors and journalism.

Fifteen credit hours, consisting of:

- JOUR-C 200 Introduction to Mass Communications (3 cr.)

- JOUR-C 327 Writing for Mass Media (The Horizon)
OR JOUR-J 385 Television News (3 cr.)
- JOUR-J 170 Wordsmithing (2 cr.)
- JOUR-J 200 Reporting, Writing and Editing I (3 cr.)
- JOUR-J 210 Visual Communications (3 cr.)

Bachelor of Science in Journalism and Media

Like the Bachelor of Arts in Journalism and Media, this degree develops student's career-ready skills in five areas--communication, collaboration, critical thinking, creativity, and curiosity--but with a special focus on science and technology and the use of scientific tools for gathering and disseminating information. We live in a time when scientific literacy is a public concern. This program bridges the strengths of the journalism/media courses with those in science areas: biology and other life sciences, physical and related earth sciences, chemistry, computer science, health sciences, physics, and the emerging field of sustainability.

The objective of program is to produce career-ready graduates who can more accurately and authentically communicate, in person and in writing, about science. Student select one of two tracks, Multi-Media Journalism or Public Relations, to further focus their studies.

Student Learning Goals

1. Students will develop an appreciation for the values of the role of journalism and media in a democratic society, both domestically and globally; will evaluate and assess how values are applied by others; and will apply those values to professional work.
 1. Students will identify and apply the principles and laws of freedom of speech and press for the United States, and compare to the U.S. system the range of systems of freedom of expression around the world, including the right to dissent, to monitor and criticize power, and assemble and to petition for redress of grievances.
 2. Students will identify major historical figures and movements, and they will discuss how they contributed to the development of journalism and media professions and institutions.
 3. Students will identify and discuss how gender, race, ethnicity, sexual orientation and, as appropriate, other forms of diversity in domestic society play a role in journalism and media professions, and how journalism and media play a role in societal conceptualizations of diversity issues.
 4. Students will identify and discuss the diversity of peoples and cultures in a broader global society, and will discuss the significance and impact of journalism and media in that broader global society.
 5. Students will identify and discuss ethical principles, standards, and codes of professional
2. Students will demonstrate core communication, collaboration, creativity, critical thinking, and curiosity skills (the five C's) in their journalism and media professional practice.
 1. Students will identify and apply theories of mass and mediated communication in the use and presentation of images and information.
 2. Students will critically evaluate and assess information in its truthfulness, use, and effectiveness in public communication messages.
 3. Students will demonstrate creativity in their development of messages and strategies to inform and engage audiences and publics.
 4. Students will develop strategies to work independently and collaboratively in groups to accomplish goals.
 5. Students will conduct research and evaluate information by methods appropriate to the journalism and media professions in which they work
3. Students will demonstrate professional skills in the journalism and media professions in which they work, and they will be able to self-evaluate and evaluate others in application of professional skills.
 1. Students will identify and evaluate the information needs of appropriate audiences, publics, and communities they might serve in journalism and media professions.
 2. Students will write correctly, clearly, and effectively in forms and styles appropriate for the journalism and media professions, audiences and purposes they serve.
 3. Students will identify and apply basic concepts of visual communication in developing messages.
 4. Students will critically evaluate their own work and that of others for accuracy and fairness, clarity, appropriate style and grammatical correctness.
 5. Students will apply basic numerical and statistical concepts to their professional work.
 6. Students will apply basic tools and technologies appropriate for the journalism and media professions in which they work.
 7. Students will develop career communication skills necessary to explain the broad value of journalism and media skills as they are applied both within and beyond traditional journalism/media professions

journalism and media work, and they will apply those ethical principles, standards and codes to professional practice, especially in pursuit of truth, accuracy, fairness and diversity.

Scholarships/Awards

Mike Spencer Scholarship; Jeff Owen Journalism Award.

Degree Requirements

General

Complete 120 total credit hours, with at least 30 at the 300-400 (upper division) level, with a program cumulative grade point average of 2.0

General Education Requirements (30 credit hours)

Complete the University General Education curriculum requirements. Generally students are free to pick amongst the approved courses to fulfill General Education; however, for maximum degree completion efficiency for this degree, select the following courses to satisfy these areas of the General Education curriculum:

Dept.	Course Number	Title	Credit Hours	Minimum Grade
<i>Written Communication</i>				
ENG-W	131	Reading, Writing & Inquiry I	3	C
and				
JOUR-J	200	Writing for Mass Media	3	C-
<i>Oral Communication</i>				
SPCH-S	121	Public Speaking	3	D-
<i>Quantitative Reasoning</i>				
MATH-M	118	Finite Mathematics	3	D-
or higher				
<i>Social and Behavioral Sciences</i>				
JOUR-C	200	Introduction to Mass Communications	3	C-
<i>Reasoning About Ethical Issues/Diversity</i>				
JOUR-J	280	Seminar in Journalism Ethics	3	C-

For other areas of the General Education curriculum, select any approved course.

Breadth Requirements Beyond General Education Specific to the Bachelor of Science (16 credit hours)

Complete all classes below.

Dept.	Course Number	Title	Credit Hours	Minimum Grade
INFO-I	110	Basic Tools of Informatics I	1.5	C-
INFO-I	111	Basic Tools of	1.5	C-

INFO-I	101	Informatics II Introduction to Informatics	4.0	C-
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Complete nine additional credit hours in computer, life, physical, or social science discipline, which include courses offered under these headings: AHLT, AST, BIOL, CHEM, CJUS, CSCI, ECON, GEOG, GEOL, HIM, HIST, INFO, MATH, MICR, NURS, PHSL, PHYS, POLS, PSY, SOC, SPH, SUST, and ZOOL. The courses listed in the grid below are *recommended*. Courses marked with an asterisk*, when combined with the required INFO classes above, result in a concurrent minor in informatics.

Dept.	Number	Title	Credit Hours	Minimum Grade
INFO-I	202	Social Informatics*	3	C-
INFO-I	303	Organizational Informatics*	3	C-
INFO-I	330	Legal & Social Informatics of Security*	3	C-
CSCI-A	212	Spreadsheet Applications	3	C-
CSCI-A	221	Multimedia Programming	3	C-
CSCI-A	213	Database Applications	3	C-
GEOG-G	333	Introductory Cartography	3	C-
GEOG-G	338	Geographic Information Science	3	C-
GEOG-G	438	Advanced Geographic Information Science	3	C-

Major Requirements - Core (21 credit hours)

All students in both tracks complete the following core classes

Dept.	Number	Title	Credit Hours	Minimum Grade
JOUR-C	200	Introduction to Mass Communications	3	C-
JOUR-J	170	Wordsmithing	2	C-
JOUR-J	200	Reporting, Writing, & Editing I	3	C-
JOUR-J	210	Visual Communication	3	C-
JOUR-J	280	Seminar in Journalism Ethics	3	C-
JOUR-J	300	Communications Law	3	C-

JOUR-J	301	Social Media Strategies	3	C-
JOUR-J	307	Media Career Planning	1	C-

Track Requirements - Multimedia Journalism (21 Credit hours)

Dept.	Number	Title	Credit Hours	Minimum Grade
JOUR-J	303	Online Journalism	3	C-
JOUR-J	362	Journalism Multimedia Storytelling	3	C-
JOUR-J	344	Photo Journalism Reporting	3	C-
or				
JOUR-J	354	Photo Journalism Editing	3	C-
or				
JOUR-J	384	Video Journalism	3	C-
JOUR-J	327	Complete 2 semesters of Writing for Publication (The Horizon)	6	C-

Electives

Dept.	Course Number	Title	Credit Hours	Minimum Grade
Two three-credit electives are required. CHOOSE ANY TWO elective courses listed below.				
JOUR-J	320	Principles of Creative Advertising	3	C-
JOUR-J	340	PR Tactics and Techniques	3	C-
CMCL-C	202	Media in Global Context	3	C-
TEL-R	440	Advertising Strategies	3	C-
Any other Journalism or Advertising elective approved by a faculty advisor				
A for-credit internship in journalism, PR, or a related field may be counted as a journalism/PR elective.				

Track Requirements - Public Relations Track (27 Credit hours)

Dept.	Course Number	Title	Credit Hours	Minimum Grade
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JOUR-J	321	Principles of Public Relations	3	C-
JOUR-J	349	Public Relations Writing	3	C-
JOUR-J	429	Public Relations Campaigns	3	C-
CMCL-C	324	Persuasion	3	C-
CMCL-C	424	Communication Research Methods	3	C-
SPCH-S	307	Crisis Management	3	C-
BUS-M	300	Introduction to Marketing	3	C-

Electives

Dept.	Course Number	Title	Credit Hours	Minimum Grade
Two three-credit electives are required. CHOOSE ANY TWO elective courses listed below.				
JOUR-J	320	Principles of Creative Advertising	3	C-
JOUR-J	340	PR Tactics and Techniques	3	C-
CMCL-C	202	Media in Global Context	3	C-
TEL-R	440	Advertising Strategies	3	C-
Any other Journalism or Advertising elective approved by a faculty advisor				
A for-credit internship in journalism, PR, or a related field may be counted as a journalism/PR elective.				

Minor in Multimedia Journalism

Specific Requirements for Minor in Multimedia Journalism

Fifteen credit hours, consisting of:

- JOUR-C200 Introduction to Mass Communications (3 cr. hrs.)
 - minimum grade C
- JOUR-J200 Reporting, Writing & Editing I (3 cr. hrs.)
 - minimum grade C
- JOUR- C327 OR J385 Writing for Mass Media (The Horizon); OR Television News (The Horizon Newscast) (3 cr. hrs.)
 - minimum grade C
- JOUR-J 300 Communications Law (3 cr. hrs.)
 - minimum grade C

Choose one:

- JOUR-J 210 Visual Communications (3 cr. hrs.)
 - minimum grade C
- JOUR-J 301 Social Media Strategies (3 cr. hrs.)
 - minimum grade C
- JOUR-J 303 Online Journalism (3 cr. hrs.)
 - minimum grade C

Another Journalism course approved by a faculty advisor

Minor in Public Relations

Specific Requirements for Minor in Public Relations

Fifteen credit hours, consisting of:

- JOUR-C200 Introduction to Mass Communications (3 cr. hrs.)
 - minimum grade C
- JOUR-J200 Reporting, Writing & Editing I (3 cr. hrs.)
 - minimum grade C
- JOUR-J 321 Principles of Public Relations (3 cr. hrs.)
 - minimum grade C
- JOUR-J 349 Public Relations Writing (3 cr. hrs.)
 - minimum grade C
- JOUR-J 429 Public Relations Campaigns (3 cr. hrs.)
 - minimum grade C

Neuroscience

Neuroscience is an interdisciplinary field that involves psychology, biology and chemistry, but can also include other areas such as computer science, communications or philosophy. Part of this field involves scientific research about the nervous system, while another involves applying knowledge of the nervous system to diagnosing and treating human disorders.

Contact Information

Social Sciences Office: (812) 941-2391

Website: <https://www.ius.edu/social-sciences/programs/neuroscience/>

Academics

Undergraduate Degrees

- Bachelors of Science

Bachelor of Science in Neuroscience

Program Description

The Bachelor of Science in Neuroscience combines psychology, biology and chemistry to illuminate the biological basis of human action, while allowing students to develop skills that are useful in careers ranging from doctor, scientist, or veterinarian to occupational therapist and bioinformatics.

Whether your goal is to work in a hospital, biotechnology firm or government agency, the B.S. in Neuroscience will place you at the threshold of a field that promises to

provide innovative solutions to some of the most pressing human health concerns of modern times.

Degree Requirements

General

Complete 120 total credit hours, *with at least 30 at the 300-400 (upper division) level*, with a program cumulative grade point average of 2.0.

General Education Requirements

Complete the University General Education curriculum requirements.

Math Requirement

MATH-M 122 College Algebra - 3 credit hours

Psychology Core

Dept.	Course Number	Course Name	Credit Hours	Minimum Grade
PSY-P	101	Introductory Psychology I*	3	C-
PSY-P	102	Introductory Psychology II	3	C-
PSY-P	341	Research Methods and Statistics I	3	C-
PSY-P	342	Research Methods and Statistics II*	3	C-
PSY-B	452	Seminar in Psychology (Capstone Course)	3	C-
PSY-P	199	Planning Your Psychology Career	1	C-
PSY-P	326	Behavioral Neuroscience	3	C-
PSY-P	407	Drugs and the Nervous System	3	C-
COAS-S	154	Pathways*	1	C-

PSY-P 341 and PSY-P 342 must be taken in consecutive semesters.

Advanced Neuroscience Courses (select 3 credit hours):

Dept.	Course Number	Course Name	Credit Hours	Minimum Grade
PSY-P	329	Sensation and Perception	3	C-
PSY-P	335	Cognitive Psychology	3	C-

PSY-P	411	Neural Bases of Learning and Memory	3	C-
PSY-P	417	Animal Behavior	3	C-
PSY-P	461	Human Memory	3	C-
PSY-P	408	Brain and Cognition	3	C-
PSY-P	493	Neuroscience Independent Research Course	6	C-
COAS-S	399	Neuroscience Internship	6	C-

Natural Science Courses (10 credit hours)

Dept.	Course Number	Course Name	Credit Hours	Minimum Grade
CHEM-C	101	Elementary Chemistry I*	3	C-
CHEM-C	121	Elementary Chemistry Laboratory I*	2	C-
BIOL-L	101	Introduction to the Biological Sciences	5	C-

Philosophy (select 3 credit hours)

Dept.	Course Number	Course Name	Credit Hours	Minimum Grade
PHIL-P	393	Bioethics	3	C-
PHIL-P	360	Introduction to the Philosophy of Mind	3	C-

Additional Natural Science (select 2 options)

Dept.	Course Number	Course Name	Credit Hours	Minimum Grade
BIOL-L	211	Molecular Biology	6	C-
and	and	and		
BIOL-L	323	Molecular Biology Lab		
BIOL-L	311	Genetics	6	C-
and	and	and		
BIOL-L	319	Genetics Laboratory		
PHSL-P	215	Basic Mammalian Physiology	5	C-

AHLT-M	350	Medical Sciences for Health Information - I	3	C-
PHSL-P	416	Comparative Pharmacology	5	C-
and	and	Animal Physiology		
PHSL-P	418	and		
		Lab in Comparative Animal Physiology		
CHEM-C	102	Elementary Chemistry II	5	C-
and	and			
CHEM-C	122	and		
		Elementary Chemistry II Laboratory		
PHYS-P	100	Physics in the Modern World	5	C-
PHYS-P	105	Basic Physics of Sound	3	C-
PHYS-P	120	Energy and Technology	3	C-
PHYS-P	201	General Physics: Mechanics, Heat, and Sound	5	C-

**Fulfills Campus-wide General Education Requirement*

Political Science

Political Science is the study of power. Power is at the core of almost any kind of relationship – in families, workplaces, religious, community or government organizations. Political Science is primarily interested in the power relationship between citizens and their governments and in the power relationship among governments, whether it is between or within countries. Political scientists study how different governments use power, how power functions within government institutions and bureaucracies, as well as the sources and limits of governmental power. Political scientists examine interactions between citizens and government through elections, participation in interest groups, grassroots activism, and public opinion.

Contact Information

Social Sciences Office: (812) 941-2391

Website: <https://www.ius.edu/political-science/>

Academics

Undergraduate Degrees

- Bachelor of Arts

Undergraduate Certificates

- Public Sector Management Certificate

Minors

- Political Science Minor

Political Science (Bachelor of Arts)

Political Science is the study of power. Power is the core of any kind of relationship - in families, workplaces, religious and other community organizations, or, indeed, in governments. In Political Science we are primarily interested in the power relationships between citizens and their governments and in the power relationship among governments, whether it is between or within countries. In addition, political science focuses on how this power can be harnessed to help others in a society and to make a difference by helping to create communities and institutions that foster broader participation. Political scientists study how different governments use power, how power functions within governmental institutions and bureaucracies, as well as the sources and limits of governmental power. Political scientists examine interactions of citizens and government through the exercise of power in elections, participation in interest groups, grassroots activism, and with public opinion. The political science program consists of a traditional track and a public administration track.

Student Learning Goals

1. Students will develop skills in research, critical thinking, and oral and written communications.
2. Students will develop the skills and methods of political science.
3. Students will become knowledgeable of the discipline of political science.

Scholarships/Awards

Thomas P. and Ellie Wolf Prize in Political Science and the Linda C. Gugin Scholarship - See a faculty member for more information.

Degree Requirements

See "General Requirements for Undergraduate Degrees at IU Southeast" and "General Requirements for the Bachelor of Arts Degree."

Traditional Track

Core Program

- POLS-Y 103 Introduction to American Politics (3 cr. hrs.)
◦ minimum grade C-
- POLS-Y 387 Research Methods in Political Science (Must be taken from an IU Southeast faculty member) (3 cr. hrs.)
◦ minimum grade C-

Designated course for political science majors for research writing requirement

- POLS-Y 490 Senior Seminar in Political Science (Must be taken from an IU Southeast faculty member) (3 cr. hrs.)

- minimum grade C-

Major Specific Requirements

Students must take at least one upper-level course in each of the following four areas:

1. American Politics - Y 301, Y 302, Y303, Y 304, Y 306, Y 317, Y 319, Y 322, Y 324, Y 402, Y 403, Y 404
 2. Comparative Politics - Y 335, Y 337, Y 349, Y 354, Y369
 3. International Politics - Y 360, Y 376, Y471
 4. Political Theory - Y 379, Y 384, Y 392
- POLS-Y 301 Political Parties and Interest Groups (3 cr. hrs.)
◦ minimum grade C-
 - POLS-Y 302 Public Bureaucracy in Modern Society (3 cr. hrs.)
◦ minimum grade C-
 - POLS-Y 303 Formation of Public Policy in the United States (3 cr. hrs.)
◦ minimum grade C-
 - POLS-Y 304 Constitutional Law (3 cr. hrs.)
◦ minimum grade C-
 - POLS-Y 306 State Politics in the United States (3 cr. hrs.)
◦ minimum grade C-
 - POLS-Y 317 Voting, Elections, and Public Opinion (3 cr. hrs.)
◦ minimum grade C-
 - POLS-Y 319 The United States Congress (3 cr. hrs.)
◦ minimum grade C-
 - POLS-Y 322 The American Presidency (3 cr. hrs.)
◦ minimum grade C-
 - POLS-Y 324 Women and Politics (3 cr. hrs.)
◦ minimum grade C-
 - POLS-Y 360 United States Foreign Policy (3 cr. hrs.)
◦ minimum grade C-
 - POLS-Y 402 Politics of the Budgetary Process (3 cr. hrs.)
◦ minimum grade C-
 - POLS-Y 403 Legal Issues in Public Bureaucracy (3 cr. hrs.)
◦ minimum grade C-
 - POLS-Y 404 Political Issues in Public Personnel Administration (3 cr. hrs.)
◦ minimum grade C-
 - POLS-Y 335 West European Politics (3 cr. hrs.)
◦ minimum grade C-
 - POLS-Y 337 Latin American Politics (3 cr. hrs.)

- minimum grade C-
 - POLS-Y 349 Comparative Public Policy (3 cr. hrs.)
 - minimum grade C-
 - POLS-Y 379 Ethics and Public Policy (3 cr. hrs.)
 - minimum grade C-
 - POLS-Y 354 Nationalism in Europe (3 cr. hrs.)
 - minimum grade C-
 - POLS-Y 369 Introduction to East Asian Politics (3 cr. hrs.)
 - minimum grade C-
 - POLS-Y 471 Terrorism (3 cr. hrs.)
 - minimum grade C-
 - POLS-Y 376 International Political Economy (3 cr. hrs.)
 - minimum grade C-
 - POLS-Y 384 Developments in American Political Thought (3 cr. hrs.)
 - minimum grade C-
 - POLS-Y 392 Problems of Contemporary Political Philosophy (3 cr. hrs.)
 - minimum grade C-
- Electives: Students must take at least 3 courses*
- POLS-Y 105 Introduction to Political Theory (3 cr. hrs.)
 - minimum grade C-
 - POLS-Y 107 Introduction to Comparative Politics (3 cr. hrs.)
 - minimum grade C-
 - POLS-Y 109 Introduction to International Relations (3 cr. hrs.)
 - minimum grade C-
 - POLS-Y 200 Contemporary Political Problems (3 cr. hrs.)
 - minimum grade C-
 - POLS-Y 351 Political Simulations (1 cr. hrs.)
 - minimum grade C-
 - POLS-Y 401 Studies in Political Science (3 cr. hrs.)
 - minimum grade C-
 - POLS-Y 480 Undergraduate Readings in Political Science (1-6 cr. hrs.)
 - minimum grade C-
 - POLS-Y 481 Field Experience in Political Science (1-6 cr. hrs.)
 - minimum grade C-
 - COAS-S 399 Internship in Political Science (1-6 cr. hrs.)
 - minimum grade
 - MATH-K 300 Statistical Techniques (3 cr. hrs.)

- minimum grade

Courses in other fields: Economics, history, and sociology are academic areas that majors will find useful, especially those planning to attend graduate school or law school.

Capstone

- POLS-Y 490 Senior Seminar in Political Science (Must be taken from an IU Southeast faculty member) (3 cr. hrs.)
 - minimum grade C-

Public Administration Track

Core Program

- POLS-Y 103 Introduction to American Politics (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 302 Public Bureaucracy in Modern Society (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 303 306 Formation of Public Policy in the United States OR State Politics in the United States (3 cr. hrs.)
 - minimum grade C- C-
- POLS-Y 387 Research Methods in Political Science (Must be taken from an IU Southeast faculty member) (3 cr. hrs.)
 - minimum grade C-
- COAS-S 399 Internship in Public Administration (must serve a minimum of 3-hour internship hours in an approved public or nongovernmental [nonprofit] organization) (3-6 cr. hrs.)
 - minimum grade C-
- POLS-Y 490 Senior Seminar in Political Science (Must be taken from an IU Southeast faculty member) (3 cr. hrs.)
 - minimum grade C-

Major Specific Requirements

300-400-Level Public Administration Courses (6 cr.) - Student must complete at least two 300-400 level courses in the public administration area. These include: Y 402 Politics of the Budgetary Process, Y 403 Legal Issues in Public Bureaucracy, or Y 404 Political Issues in Public Personnel Management.

300-400 Level Distribution Requirements (6 cr.) - Students must complete at least two other 300- 400-level courses in political science from any of the following areas: comparative politics, international relations, and theory. Interdisciplinary concentrations in other areas may be substituted for these 300- 400-level distributional requirements upon recommendation of academic advisor.

- POLS-Y 335 West European Politics (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 337 Latin American Politics (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 349 Comparative Public Policy (3 cr. hrs.)

- minimum grade C-
- POLS-Y 354 Nationalism in Europe (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 369 Introduction to East Asian Politics (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 350 Politics of the European Union (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 360 United States Foreign Policy (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 471 Terrorism (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 376 International Political Economy (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 379 Ethics and Public Policy (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 384 Developments in American Political Thought (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 392 Problems of Contemporary Political Philosophy (3 cr. hrs.)
 - minimum grade C-

Capstone

- POLS-Y 490 Senior Seminar in Political Science (Must be taken from an IU Southeast faculty member) (3 cr. hrs.)
 - minimum grade C-

Honors Program

Admission Requirements

Admission to the Political Science Honors Program requires the following: The student must be a political science major with junior standing; the student must have at least a 3.3 GPA in all courses and at least a 3.5 GPA in political science courses; and the student must have completed 15 hours of political science courses including Y 387.

- POLS-Y 387 Research Methods in Political Science (Must be taken from an IU Southeast faculty member) (3 cr. hrs.)
 - minimum grade C-

Specific Requirements

Once admitted to the program, in addition to meeting the requirements for the political science major, honors students will complete Y498 (1 cr.) taken in conjunction with three advanced political science courses and Y498 (1 cr.) taken in conjunction with Y490. These additional credits can be completed at any time between admission to the honors program and graduation. The honors student also must present a research paper at an undergraduate or professional conference or have the

paper published in a journal. Finally, honors students must maintain the 3.3 GPA in all courses and the 3.5 GPA in political science courses.

- POLS-Y 498 Honors Readings in Political Science (1-6 cr. hrs.)
 - minimum grade C-
- POLS-Y 499 Reading for Honors (1-12 cr. hrs.)
 - minimum grade C-

Seniors who have a GPA of 3.5 or higher (both overall and in major) will be invited to join the national Political Science honor society, Pi Sigma Alpha.

Minor in Political Science

Minimum of 15 credit hours, including:

- POLS-Y 103 Introduction to American Politics (3 cr.)
- One course in comparative politics
- One course in international politics
- Six additional credit hours in any of the four major Political Science content areas

(At least 9 credit hours of the minor must be taken on this campus.)

Psychology

Psychological disorders, dreams, attachment in children, genetic influences on intelligence, shyness, eyewitness testimony, neuroscience, sensation & perception - these are just a few of the numerous topics covered in psychology. Although you may find many definitions, psychology is commonly defined as the scientific study of behavior and mental processes.

Contact Information

Social Sciences Office: (812) 941-2391
Website: <https://www.ius.edu/psychology/>

Academics

Undergraduate Degrees

- Bachelor of Arts
- Bachelor of Science

Minors

- Psychology Minor
- Pre-Expressive Therapy Minor

Psychology (Bachelor of Arts)

Mission/Vision Statement

Faculty of the Psychology Program is dedicated to providing our students with an exemplary educational foundation that will enable them to pursue their career goals and to be educated members of our society. The Psychology Program has developed a challenging curriculum where students develop the knowledge base and skills that today's employers demand and are necessary for the continuation of their education, such as written and oral communication, critical thinking, and teamwork.

Student Learning Goals

1. Psychology majors will learn substantive knowledge in the fundamental areas of psychology.
2. Psychology majors will demonstrate an understanding of psychological methodology.

3. Graduating seniors should be able to apply the principles of psychology in real-life settings and be prepared for careers in psychology-related fields.
4. Graduating seniors should be aware of and proficient in using psychological resources (Information competency).
5. Graduating seniors should be able to demonstrate critical thinking ability when discussing or writing about psychological issues.
6. Graduating seniors should be able to communicate effectively about the field of psychology in both an oral and written format.
7. Graduating seniors should be able to work effectively with other students and professionals in the field of psychology.

Degree/Certificate Requirements

See "General Requirements for Undergraduate Degrees at IU Southeast" and "General Requirements for the Bachelor of Arts Degree."

General Education Component

Note: This is not a re-statement of the University's General Education Requirement but a list of specific General Education courses which are also requirements or pre-requisites for course work in the school/major.

Note: MATH-M 101, MATH-102 or placement score that would place you in the following math.

- MATH-A 118 Finite Mathematics for the Social and Biological Sciences OR (3 cr. hrs.)
 - minimum grade C-
- MATH-M 118 Finite Mathematics (3 cr. hrs.)
 - minimum grade C-

Major Specific Requirements

35 credit hours including:

1. PSY-P 101
2. PSY-P 102
3. COAS-S 154
4. PSY-P 199 Majors should take this course within their first 60 hours.
5. PSY-P 341 & P342 (This is a two-semester course. The grade for this course will be given after completion of both semesters. PSY-P 342 fulfills the research writing requirement for psychology majors.)
6. PSY-B 452
7. One of the "psychology as an experimental science" group: PSY-P 325; PSY-P 326; PSY-P 329; PSY-P 335; PSY-P 407; PSY-P 408; PSY-P 411; PSY-P 417; PSY-P 461.
8. One of the "psychology as a social science" group: PSY-B 310; PSY-B 354; PSY-B 388; PSY-P 305; PSY-P 319; PSY-P 320.
9. One of the "psychology as an applied science" group: PSY-B 366; PSY-B 378; PSY-B 386; PSY-P 324; PSY-P 336; PSY-P 363; PSY-P 430.
10. 9 hours of electives in Psychology. Only 6 hours from COAS-S 399, PSY-P 493, PSY-P 494, and PSY-P 495 may be used for completing the requirements for the psychology major or minor.

- PSY-P 101 Introductory Psychology 1 (3 cr. hrs.)
 - minimum grade C-
- PSY-P 102 Introductory Psychology 2 (3 cr. hrs.)
 - minimum grade C-
- COAS-S 154 Pathways (1 cr. hrs.)
 - minimum grade C-
- PSY-P 199 Planning your Psychology Career (1 cr. hrs.)
 - minimum grade C-
- PSY-P 341 Research and Quantitative Methods in Psychology I (3 cr. hrs.)
 - minimum grade C-
- PSY-P 342 Research and Quantitative Methods in Psychology II (3 cr. hrs.)
 - minimum grade C-
- PSY-B 452 Seminar in Psychology (3 cr. hrs.)
 - minimum grade C-

One from the "Psychology as an experimental science" group

- PSY-P 325 Psychology of Learning (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 326 Behavioral Neuroscience (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 329 Sensation and Perception (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 335 Cognitive Psychology (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 407 Drugs and the Nervous System (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 411 Neural Bases of Learning and Memory (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 417 Animal Behaviour (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 461 Human Memory (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 408 Brain and Cognition (3 cr. hrs.)
 - minimum grade C-
- One from the "Psychology as a social science" group
- PSY-B 310 Life Span Development (3 cr. hrs.)
 - minimum grade C-
 - PSY-B 354 Adult Development and Aging (3 cr. hrs.)

- minimum grade C-
 - PSY-B 388 Human Sexuality (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 305 Psychology and Culture (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 319 Psychology of Personality (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 320 Social Psychology (3 cr. hrs.)
 - minimum grade C-
- One from the "Psychology as an applied science" group
- PSY-B 366 Concepts and Applications of Organizational Psychology (3 cr. hrs.)
 - minimum grade C-
 - PSY-B 378 Introduction to Industrial Psychology (3 cr. hrs.)
 - minimum grade C-
 - PSY-B 386 Introduction to Counseling (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 324 Abnormal Psychology (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 336 Psychological Tests and Individual Differences (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 430 Behavior Modification (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 363 Psychology and Schools (3 cr. hrs.)
 - minimum grade C-

Electives

9 hours of electives in Psychology. Only 6 hours from COAS-S 399, PSY-P 493, PSY-P 494, and PSY-P 495 may be used for completing the requirements for the psychology major or minor.

Capstone

- PSY-B 452 Seminar in Psychology (3 cr. hrs.)
 - minimum grade C-

Psychology (Bachelor of Science)

Mission/Vision Statement

Faculty of the Psychology Program are dedicated to providing our students with an exemplary educational foundation that will enable them to pursue their career goals and to be educated members of our society. The Psychology Program has developed a challenging curriculum where students develop the knowledge base and skills that today's employers demand and are necessary for the continuation of their education, such

as written and oral communication, critical thinking, and teamwork.

Student Learning Goals

1. Psychology majors will learn substantive knowledge in the fundamental areas of psychology.
2. Psychology majors will demonstrate an understanding of psychological methodology.
3. Graduating seniors should be able to apply the principles of psychology in real-life settings and be prepared for careers in psychology related fields.
4. Graduating seniors should be aware of and proficient in using psychological resources (Information competency).
5. Graduating seniors should be able to demonstrate critical thinking ability when discussing or writing about psychological issues.
6. Graduating seniors should be able to communicate effectively about the field of psychology in both an oral and written format.
7. Graduating seniors should be able to work effectively with other students and professionals in the field of psychology.

Degree/Certificate Requirements

See "General Requirements for Undergraduate Degrees at IU Southeast" and "General Requirements for the Bachelor of Arts Degree."

General Education Component

Note: This is not a re-statement of the University's General Education Requirement but a list of specific General Education courses which are also requirements or pre-requisites for course work in the school/major.

Note: MATH-M 101, MATH-102 or a placement score that would place students in the following math

- MATH-M 122 College Algebra (3 cr. hrs.)
 - minimum grade C-

BA/BS Distribution Component

Total Natural Sciences requirements for the BS in Psychology are four courses, which must include two biological science courses (one with a lab) and one chemistry course. A total of two of the Natural Science courses must be lab courses.

Major Specific Requirements

41 credit hours including:

1. PSY-P 101
2. PSY-P 102
3. COAS-S 154
4. PSY-P 199 Majors should take this course within their first 60 hours.
5. PSY-P 341 & P342 (This is a two-semester course. The grade for this course will be given after completion of both semesters. PSY-P 342 fulfills the research writing requirement for psychology majors.)
6. PSY-B 452
7. Applied experience (3 credits): Research (PSY-P 454, PSY-P 477, PSY-P 493, PSY-P 495) or Internship (COAS-S 399, PSY-P 301)

8. Three of the "psychology as an experimental science" group: PSY-P 325; PSY-P 326; PSY-P 329; PSY-P 335; PSY-P 407; PSY-P 408; PSY-P 411; PSY-P 417; PSY-P461.
 9. One of the "psychology as a social science" group: PSY-B 310; PSY-B 354; PSY-B 388; PSY-P 305, PSY-P 319; PSY-P 320.
 10. One of the "psychology as an applied science" group: PSY-B 366; PSY-B 378; PSY-B 386; PSY-P 324; PSY-P 336; PSY-P 363; PSY-P 430.
 11. 6 hours of electives in Psychology. Only 6 hours from COAS-S 399, PSY-P 493, PSY-P 494, and PSY-P 495 may be used for completing the requirements for the psychology major or minor.
- PSY-P 101 Introductory Psychology 1 (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 102 Introductory Psychology 2 (3 cr. hrs.)
 - minimum grade C-
 - COAS-S 154 Pathways (1 cr. hrs.)
 - minimum grade C-
 - PSY-P 199 Planning your Psychology Career (1 cr. hrs.)
 - minimum grade C-
 - PSY-P 341 Research and Quantitative Methods in Psychology I (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 342 Research and Quantitative Methods in Psychology II (3 cr. hrs.)
 - minimum grade C-
 - PSY-B 452 Seminar in Psychology (3 cr. hrs.)
 - minimum grade C-
- Applied Research - 3 credits (choose one of the following)
- PSY-P 454 Field Experience in International Psychology (6 cr. hrs.)
 - minimum grade C-
 - PSY-P 477 Applied Research in Psychology (1-6 cr. hrs.)
 - minimum grade C-
 - PSY-P 493 Supervised Research (2-3 cr. hrs.)
 - minimum grade C-
 - PSY-P 495 Readings and Research in Psychology (1-3 cr. hrs.)
 - minimum grade C-
 - COAS-S 399 Internship (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 301 Psychology and Human Problems (3 cr. hrs.)
 - minimum grade C-
- Three from the "Psychology as an experimental science" group
- PSY-P 325 Psychology of Learning (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 326 Behavioral Neuroscience (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 329 Sensation and Perception (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 335 Cognitive Psychology (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 407 Drugs and the Nervous System (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 411 Neural Bases of Learning and Memory (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 417 Animal Behavior (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 461 Human Memory (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 408 Brain and Cognition (3 cr. hrs.)
 - minimum grade C-
- One from the "Psychology as a social science" group
- PSY-B 310 Life Span Development (3 cr. hrs.)
 - minimum grade C-
 - PSY-B 354 Adult Development and Aging (3 cr. hrs.)
 - minimum grade C-
 - PSY-B 388 Human Sexuality (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 305 Psychology and Culture (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 319 Psychology of Personality (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 320 Social Psychology (3 cr. hrs.)
 - minimum grade C-
- One from the "Psychology as an applied science" group
- PSY-B 366 Concepts and Applications of Organizational Psychology (3 cr. hrs.)
 - minimum grade C-
 - PSY-B 378 Introduction to Industrial Psychology (3 cr. hrs.)
 - minimum grade C-
 - PSY-B 386 Introduction to Counseling (3 cr. hrs.)

- minimum grade C-
- PSY-P 324 Abnormal Psychology (3 cr. hrs.)
 - minimum grade C-
- PSY-P 336 Psychological Tests and Individual Differences (3 cr. hrs.)
 - minimum grade C-
- PSY-P 430 Behavior Modification (3 cr. hrs.)
 - minimum grade C-
- PSY-P 363 Psychology and Schools (3 cr. hrs.)
 - minimum grade C-

Electives

6 hours of electives in Psychology. Only 6 hours from COAS-S 399, PSY-P 493, PSY-P 494, and PSY-P 495 may be used for completing the requirements for the psychology major or minor.

Capstone

- PSY-B 452 Seminar in Psychology (3 cr. hrs.)
 - minimum grade C-

Minor in Pre-Expressive Therapy

Degree Requirements

18 credit hours in Psychology including:

1. PSY-P 101 - Introductory Psychology I
 2. PSY-P 102 - Introductory Psychology II
 3. PSY-P 324 - Abnormal Psychology
 4. PSY-B 310 - Life-Span Development
 5. PSY-B 386 - Introduction to Counseling
 6. One course from the following list:
 - PSY-B 354 - Adult Development and Aging
 - PSY-P 316 - Psychology of Childhood and Adolescence
 - PSY-P 319 - Psychology of Personality
 - PSY-P 335 - Cognitive Psychology
 - PSY-P 425 - Behavioral Disorders of Childhood and Adolescence
- PSY-P 101 Introductory Psychology 1 (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 102 Introductory Psychology 2 (3 cr. hrs.)
 - minimum grade C-
 - PSY-P 324 Abnormal Psychology (3 cr. hrs.)
 - minimum grade C-
 - PSY-B 310 Life-Span Development (3 cr. hrs.)
 - minimum grade C-
 - PSY-B 386 Introduction to Counseling (3 cr. hrs.)
 - minimum grade C-

One course from the following list:

- PSY-B 354 Adult Development and Aging (3 cr. hrs.)
 - minimum grade C-
- PSY-P 316 Psychology of Childhood and Adolescence (3 cr. hrs.)
 - minimum grade C-
- PSY-P 319 Psychology of Personality (3 cr. hrs.)
 - minimum grade C-
- PSY-P 335 Cognitive Psychology (3 cr. hrs.)
 - minimum grade C-
- PSY-P 425 Behavioral Disorders of Childhood and Adolescence (3 cr. hrs.)
 - minimum grade C-

Minor in Psychology

General Requirements

Students pursuing a minor in Psychology must complete the following requirements

- 18 credit hours in Psychology
- Courses must be completed with a grade of C- or higher
- Courses are 3 credit hours unless otherwise noted
- A minimum cumulative GPA of 2.0 across all courses required in the minor
- Minors are awarded concurrently with Baccalaureate degrees

Course Requirements

- PSY-P 101 Introductory Psychology 1
- PSY-P 102 Introductory Psychology 2
- Complete one of the following "Psychology as an experimental science" courses
 - PSY-P 325 The Psychology of Learning
 - PSY-P 326 Behavioral Neuroscience
 - PSY-P 329 Sensation and Perception
 - PSY-P 335 Cognitive Psychology
 - PSY-P 407 Drugs and the Nervous System
 - PSY-P 408 Brain and Cognition
 - PSY-P 411 Neural Bases of Learning and Memory
 - PSY-P 417 Animal Behavior
 - PSY-P 461 Human Memory
- Complete one of the following "Psychology as a social science" courses
 - PSY-B 310 Life Span Development
 - PSY-B 354 Adult Development and Aging
 - PSY-B 388 Human Sexuality
 - PSY-P 305 Psychology and Cultures
 - PSY-P 319 The Psychology of Personality
 - PSY-P 320 Social Psychology
- Complete one of the following " as an applied science" courses
 - PSY-B 366 Concepts and Applications in Organizational Psychology

- PSY-B 378 Introduction to Industrial Psychology
- PSY-B 386 Introduction to Counseling
- PSY-P 324 Abnormal Psychology
- PSY-P 336 Psychological Tests and Individual Differences
- PSY-P 363 Psychology in the Schools
- PSY-P 430 Behavior Modification Psychology
- Complete one additional PSY course at the 200-400 level

Social Sciences

This multidisciplinary degree asks students to build projects and research using a variety of fields, but offers a level of specificity by focusing on the Social Sciences, fields known for studying human society and relationships: Criminal Justice, Economics, History, International Studies, Journalism and Media, Political Science, Psychology, and Sociology. The varied discipline curriculum prepares students with up-to-date social sciences content and methodological skills, including oral and written communication, interpersonal relationship building, team work, analytical and critical thinking, research, and problem solving skills.

The degree is specifically designed for students with over 75 accumulated credit hours, either transfer or prior IU coursework, but who have not followed a specific degree plan. The requirement flexibility provides students a means to graduate in a timely manner with the content and skills students need to achieve their career goals, but with equal academic rigor; as it incorporates the research methodology and capstone courses common to other, discipline-specific majors within the School of Social Sciences

Contact Information

Social Sciences Office: (812) 941-2391

Academics

Undergraduate Degrees

- Bachelors of Arts
- Bachelors of Science

Undergraduate Certificates

- Conflict Analysis and Resolution
- Diversity and Intercultural Competency

Undergraduate Minors

- Interdisciplinary Pre-Law Minor

Bachelor of Arts in Social Sciences

Student Learning Goals

The interdisciplinary nature of this degree yields both overall learning goals, and discipline specific learning goals.

Overall

1. Students will develop substantive knowledge in at least two fields within the Social Sciences.

2. Students will communicate effectively in oral presentations and in written projects.
3. Students will develop critical thinking and analytical skills, argumentation and skills in research methodology specific to the fields of Social Sciences studied.

Discipline Specific

- Criminal Justice
- Economics
- History
- International Studies
- Journalism and Media
- Political Science
- Psychology
- Sociology

Degree Requirements

Students receiving the Bachelor of Arts in Social Sciences degree must complete 120 total credit hours including:

- General Education Core (30 cr.)
- Foreign Language Requirement (14 cr.)
- Bachelor of Arts Distribution Requirement (15 cr.)
- Social Science Track One or Track Two (36 cr.)

- A minimum of 30 credit hours at the 300- or 400-level
- Courses required for the major must be completed with a grade of C- or higher
- A minimum GPA of 2.0 is required
- Courses are 3 credit hours unless otherwise noted

Track Requirements

Multiple tracks are available for the students to assist them in attaining their degree. The student should determine the appropriate track with the assistance of a Social Science advisor.

Dual Discipline Track (minimum 36 credit hours with grade of C- or better to apply to degree)

- 18 credit hours from *two* different disciplines in School of Social Sciences or Economics.
- Complete the methods/statistics and capstone course(s) from one of the disciplines chosen, as part of the 18 required; as specified in grid below:

Dept.	Course Number	Title	Credit Hours	Minimum Grade
Criminal Justice				
CJUS-P	295	Criminal Justice Data, Methods, and Resources	3	C-
CJUS-P	470	Senior Seminar in Criminal Justice	3	C-
Economics				

ECON-E	280	Applied Statistics for Business & Economics I	3	C-
ECON-E	281	Applied Statistics for Business & Economics II	3	C-
History				
HIST-H	236	The Historian's Craft	3	C-
HIST-J	495	Proseminar for History Majors	3	C-
International Studies				
HIST-H	236	The Historian's Craft	3	C-
or				
POLS-Y	387	Research Methods	3	C-
INTL-I	400	International Studies Capstone Seminar - Must be taken face-to-face on the IU Southeast campus	3	C-
Journalism and Media				
JOUR-J	200	Reporting, Writing, and Editing I	3	C-
JOUR-J	362	Journalism Multimedia Storytelling	3	C-
or				
JOUR-J	429	Public Relations Campaigns	3	C-
Political Science				
POLS-Y	387	Research Methods in Political Science	3	C-
POLS-Y	490	Senior Seminar in Political Science	3	C-

Psychology				
PSY-P	341	Research in Psychology I	3	C-
PSY--P	342	Research in Psychology II	3	C-
and				
PSY-B	452	Seminar in Psychology	3	C-
Sociology				
SOC-S	380	Methods of Social Research I	3	C-
SOC-S	381	Methods of Social Research II	3	C-
and				
SOC-S	470	Senior Seminar	3	C-

Triple Discipline Track (minimum 36 credit hours with grade of C- or better to apply to degree)

- Complete a minimum of 12 credit hours in *three* different disciplines in the School of Social Sciences and Economics.
- Select one of these disciplines and include in the 12 credit hours the discipline's methods/statistics and capstone course as specified in the grid above.

Bachelor of Science in Social Sciences

Student Learning Goals

The interdisciplinary nature of this degree yields both overall learning goals, and discipline specific learning goals.

Overall

1. Students will develop substantive knowledge in at least two fields within the Social Sciences.
2. Students will communicate effectively in oral presentations and in written projects.
3. Students will develop critical thinking and analytical skills, argumentation and skills in research methodology specific to the fields of Social Sciences studied.

Discipline Specific

- Criminal Justice
- Economics
- History
- International Studies
- Journalism and Media
- Political Science
- Psychology

- Sociology

Degree Requirements

Students receiving the Bachelor of Science in Social Sciences degree must complete 120 total credit hours including:

- General Education Core (30 cr.)
- Bachelor of Science Distribution Requirement (14-18 cr.)
- Social Sciences Track Requirement (36 cr.)
- Electives as needed to complete 120 total credit hours

- A minimum of 30 credit hours at the 300- or 400-level
- Courses required for the major must be completed with a grade of C- or higher
- Courses are 3 credit hours unless otherwise noted
- A minimum GPA of 2.0 is required

Bachelor of Science Distribution Requirement

- MATH-M 122 College Algebra
- Three additional in life science or physical science courses, with a least one having an associated or integrated lab component. (11-15 credit hours, depending on choice of courses.)
- See list of courses distinguishing between Life and Physical Sciences.

Track Requirement

Multiple tracks are available for the students to assist them in attaining their degree. The student should determine the appropriate track with the assistance of a Social Science advisor.

Dual Discipline Track (minimum 36 credit hours with grade of C- or better to apply to degree)

- 18 credit hours from *two* different disciplines in School of Social Sciences or Economics.
- Complete the methods/statistics and capstone course(s) from one of the disciplines chosen, as part of the 18 required; as specified in grid below:

Dept.	Course Number	Title	Credit Hours	Minimum Grade
Criminal Justice				
CJUS-P	295	Criminal Justice Data, Methods, and Resources	3	C-
CJUS-P	470	Senior Seminar in Criminal Justice	3	C-
Economics				
ECON-E	280	Applied Statistics	3	C-

		for Business & Economics I		
ECON-E	281	Applied Statistics for Business & Economics II	3	C-
History				
HIST-H	236	The Historian's Craft	3	C-
HIST-J	495	Proseminar for History Majors	3	C-
International Studies				
HIST-H	236	The Historian's Craft	3	C-
or				
POLS-Y	387	Research Methods	3	C-
INTL-I	400	International Studies Capstone Seminar	3	C-
Journalism and Media				
JOUR-J	200	Reporting, Writing, and Editing I	3	C-
JOUR-J	362	Journalism Multimedia Storytelling	3	C-
or				
JOUR-J	429	Public Relations Campaigns	3	C-
Political Science				
POLS-Y	387	Research Methods in Political Science	3	C-
POLS-Y	490	Senior Seminar in Political Science	3	C-
Psychology				
PSY-P	341	Research in Psychology I	3	C-
PSY--P	342	Research in	3	C-

and PSY-B	452	Psychology II Seminar in 3 Psychology	3	C-
Sociology SOC-S	380	Methods of Social Research I	3	C-
SOC-S	381	Methods of Social Research II	3	C-
and SOC-S	470	Senior Seminar	3	C-

Triple Discipline Track (minimum 36 credit hours with grade of C- or better to apply to degree)

- Complete a minimum of 12 credit hours in *three* different disciplines in the School of Social Sciences and Economics.
- Select one of these disciplines and include in the 12 credit hours the discipline's methods/statistics and capstone course as specified in the grid above.

Interdisciplinary Pre-Law Minor Minor Requirements

18 credit hours chosen from across offerings in the Schools of Arts & Letters, Business, and Social Sciences. Minimum grade of C- in each course and overall GPA of 2.0 across all 18 credits required.

1. PHIL-P 150 - Elementary Logic (3 credits)
2. POLS-Y 304 - Constitutional Law (3 credits)
3. SPCH-S 228 - Argument and Debate OR PHIL-P 110 Introduction to Debate, Argument. and Persuasion (3 credits)
4. 9 credits (3 courses) chosen from the following distribution areas:
 - Critical Reading, Writing and Problem Solving
 - Public Service, Promotion of Justice and Background Knowledge
 - Organization, Management, Relationship Building and Collaboration

Note: No more than two courses from any single distribution area. Two of the three required courses must be at the 300 level or higher. Some courses have pre- or co-requisites. See *Courses* section of this Bulletin for details.

Distribution Area Options

Critical Reading, Writing, and Problem Solving

- ENG-W 270/420 Argumentative Writing (3 cr. hrs.)

- ENG-L 371 Critical Practices (3 cr. hrs.)

- HIST-A 302 Revolutionary America 1763-1791(3 cr. hrs.)
- HIST-A 303 United States 1792-1829(3 cr. hrs.)
- POLS-Y 349 Comparative Public Policy (3 cr. hrs.)
- POLS-Y 384 Developments in American Political Thought(3 cr. hrs.)
- POLS-Y 392 Problems of Contemporary Political Philosophy (3 cr. hrs.)
- SOC-S360 Topics in Social Policy (3 cr. hrs.)
- SOC-S 403 Industry, Labor, and Community (3 cr. hrs.)

Public Service, Promotion of Justice, and Background Knowledge

- HIST-A 381 Civil Rights Era in the U.S. (3 cr. hrs.)
- HIST-F341 Latin America: Conquest and Empire (3 cr. hrs.)
- HIST-F342 Latin America: Evolution and Revolution (3 cr. hrs.)
- PHIL-P343 Classics in Social and Political Philosophy (3 cr. hrs.)
- PHIL-P 345 Problems in Social and Political Philosophy(3 cr. hrs.)
- POLS-Y 103 Introduction to American Politics(3 cr. hrs.)
- POLS-Y 306 State Politics in the U.S.(3 cr. hrs.)
- POLS-Y 317 Voting, Elections, Public Opinion(3 cr. hrs.)
- POLS-Y 337 Latin American Politics (cr. hrs.)
- SOC-R463 Inequality and Society(cr. hrs.)

Organization, Management, Relationship Building, and Collaboration

- BUS-L 201 Legal Environment of Business (3 cr. hrs.)
- POLS-Y 302 Public Bureaucracy in Modern Society (3 cr. hrs.)
- POLS-Y 303 Formation of Public Policy in the United States(3 cr. hrs.)
- PSY-B 378 Introduction to Industrial Psychology (3 cr. hrs.)
- SPCH-S229 Discussion and Group Methods (3 cr. hrs.)
- SPCH-S 306 Leadership (3 cr. hrs.)

Sociology

Sociology is the scientific study of human social relationships with a focus on the causes and consequences of human group behavior. Sociologists are concerned with the divisions of society regarding culturally shared and learned beliefs and behavior patterns. Sociology involves the gathering of information about society that is used to make generalizations and predictions about causes and consequences of social behavior.

Contact Information

Social Sciences Office: (812) 941-2391

Website: <https://www.ius.edu/sociology/>

Academics

Undergraduate Degrees

- Bachelor of Arts
- Bachelor of Science

Minors

- Sociology Minor

Program Information

- Mission Statement and Learning Goals

Sociology Program Information

Mission/Vision Statement

The Sociology Department is a student-centered community engaged in active learning. We strive to create an environment in which students gain an understanding of human social behavior by cultivating the sociological imagination. The sociological imagination involves the ability to understand how individual lives and personal problems are connected to public issues and the structure of society. Students are also encouraged to explore their own position in and relationship to society, and especially how it's shaped by race, class and gender. At its core, the sociological mission is rooted in social theory and the scientific method and how these can be applied to improve social conditions.

Bachelor of Arts Student Learning Goals

1. Sociology students should demonstrate a working knowledge of key concepts in sociology (by defining, mastering the characteristics of, and being able to apply the concept to an example.)
2. Sociology students should demonstrate a working knowledge of the major theories in sociology, the role of theory in building knowledge, and for a given social phenomena, construct a reasoned argument based on a theoretical perspective.
3. Sociology should demonstrate a working knowledge of research methods in sociology; including recognizing how the scientific method is used; applying the proper statistical procedure to data; and interpreting the data appropriately.
4. Sociology students should demonstrate a working knowledge of cultural diversity including recognizing the significance of race, ethnicity, gender, class, and sexuality both within U.S. society and in the global community.

Bachelor of Science Student Learning Goals

1. Sociology students should demonstrate a working knowledge of key concepts in sociology (by defining, mastering the characteristics of, and being able to apply the concept to an example).
2. Sociology students should demonstrate a working knowledge of the major theories in sociology, the role of theory in building knowledge, and for a given social phenomena, construct a reasoned argument based on a theoretical perspective.
3. Sociology should demonstrate a working knowledge of research methods in sociology; including recognizing how the scientific method is used; applying the proper statistical procedure to data; and interpreting the data appropriately.
4. Sociology students should demonstrate a working knowledge of cultural diversity including recognizing the significance of race, ethnicity, gender, class, and sexuality both within U.S. society and in the global community.
5. Students will be able to explain how Sociology is a "social *science*," with attention to the ways that sociology applies the scientific method to understand social concerns and refine theory.
6. Students will be able to present social data for a public audience (eg. fact sheets, research briefs, policy briefs, op-eds).
7. Students will have functional skills in one or more of the following:
 - Geographic Information Systems (mapping social and economic data from public data sources)
 - Spreadsheet Applications
 - Database management
 - Marketing
 - Discussion and Group Methods
 - Interviewing Principles and Practices
 - Public Relations
8. Students will be able to locate public data sources for information on our service region (i.e. social, economic, agriculture and industry, and health related data).
9. Students will demonstrate the ability to use publicly available data to understand the social context of the IU Southeast service region (i.e. download, use in statistical analyses, make charts in Excel, and present findings through graphic, written and oral presentation).
10. Students will recognize the social and political issues that shape the use of social research in public contexts (i.e. government, community organizing, nonprofit organizations, marketing, and public relations).
11. Students will have an understanding of professional ethics in public sociology.
12. Students will be able to identify jobs and career paths that utilize their sociological imagination as well as their research and communication skills.

Sociology (Bachelor of Arts)

Degree Requirements

Students receiving the Bachelor of Arts in Sociology degree must complete 120 total credit hours including:

- General Education Component (30 cr.)
- Bachelor of Arts Foreign Language Requirement (14 cr.)
- Bachelor of Arts Distribution Requirement (15 cr.)
- Traditional Track or Gender Studies Track (30 - 37 cr.)
- Electives as needed to complete 120 total credit hours

-
- A minimum of 30 credit hours at the 300- or 400-level
 - Courses required for the major must be completed with a grade of C- or higher
 - A minimum GPA of 2.0 is required

Note: This is not a re-statement of the University's General Education Requirement but a list of specific General Education courses which are also requirements or pre-requisites for course work in the school/major.

- SOC-S 163 Social Problems (3 cr. hrs.)
 - minimum grade C-
- MATH-A or MATH-M 118 Finite Mathematics (3 cr. hrs.)
 - minimum grade C-

Traditional Track

The traditional track of the sociology major requires a minimum of 30 credit hours in sociology.

- SOC-S 163 Social Problems (3 cr. hrs.)
 - minimum grade C-
- SOC-S 203 Sociological Concepts & Perspectives (3 cr. hrs.)
 - minimum grade C-
- SOC-S 199 Careers in Sociology (1 cr. hrs.)
 - minimum grade C-
- SOC-S 380 Introduction to Social Research Methods I (3 cr. hrs.)
 - minimum grade C-
- SOC-S 381 Introduction to Social Research Methods II (3 cr. hrs.)
 - minimum grade C-
- SOC-S 260 Intermediate Sociological Writing (3 cr. hrs.)
 - minimum grade C-
- SOC-S 441 Topics in Social Theory (3 cr. hrs.)
 - minimum grade C-
- SOC-S or SOC-R Sociology Elective (3 cr. hrs.)
 - minimum grade C-

- SOC-S or SOC-R Sociology Elective (3 cr. hrs.)
 - minimum grade C-
- SOC-S or SOC-R Sociology Elective (3 cr. hrs.)
 - minimum grade C-
- SOC-S or SOC-R Sociology Elective (3 cr. hrs.)
 - minimum grade C-

Capstone

- SOC-S 470 Senior Seminar (3 cr. hrs.)
 - minimum grade C-

Gender Studies Track

Specific Requirements for Track

The Gender Studies Track in Sociology requires a total of 37 credit hours. Specific courses are listed below.

- SOC-W 100 Gender Studies (3 cr. hrs.)
 - minimum grade C-
- SOC-S 163 Social Problems (3 cr. hrs.)
 - minimum grade C-
- SOC-S 203 Sociological Concepts & Perspectives (3 cr. hrs.)
 - minimum grade C-
- SOC-S 199 Careers in Sociology (1 cr. hrs.)
 - minimum grade C-
- SOC-S 380 Introduction to Social Research Methods I (3 cr. hrs.)
 - minimum grade C-
- SOC-S 381 Introduction to Social Research Methods II (3 cr. hrs.)
 - minimum grade C-
- SOC-S 260 Intermediate Sociological Writing (3 cr. hrs.)
 - minimum grade C-
- SOC-S 441 Topics in Social Theory (3 cr. hrs.)
 - minimum grade C-

Electives

Must take 6 credit hours of sociology courses:

- SOC-R 320 Sexuality & Society (3 cr. hrs.)
 - minimum grade C-
- SOC-R 326 Masculinity & Society (3 cr. hrs.)
 - minimum grade C-
- SOC-S 310 Sociology of Women in America (3 cr. hrs.)
 - minimum grade C-
- SOC-S 338 Sociology of Sex Roles (3 cr. hrs.)

- minimum grade C-
- SOC-S 413 Gender & Society (3 cr. hrs.)
 - minimum grade C-
- SOC-S 416 The Family (3 cr. hrs.)
 - minimum grade C-
- SOC A Sociology course with a gender component as approved by the instructor. (3 cr. hrs.)
 - minimum grade C-

Must take 3 credit hours of social science courses:

- ECON-E 347 Women & the Economy (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 200 Contemporary Political Problems (when gender is the topic and as approved by an advisor) (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 324 Women & Politics (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 401 Studies in Political Science (when gender is the topic and as approved by an advisor) (3 cr. hrs.)
 - minimum grade C-
- HIST-H 214 Comparative Women's History (3 cr. hrs.)
 - minimum grade C-
- HIST-H 231 The Family in History (3 cr. hrs.)
 - minimum grade C-
- HIST-H 260 History of Women in the United States (3 cr. hrs.)
 - minimum grade C-
- PSY-P 460 Women: a Psychological Perspective (3 cr. hrs.)
 - minimum grade C-

Other Social Science classes with a gender component and an advisor's approval 3 C-

Must take 3 credit hours of Arts & Letters courses:

- AFRO-A 386 Black Feminist Perspectives (3 cr. hrs.)
 - minimum grade C-
- COAS-X 111 Introduction to Gay & Lesbian Studies (3 cr. hrs.)
 - minimum grade C-
- COAS-X 111 Introduction to the Study of Gender (3 cr. hrs.)
 - minimum grade C-
- FINA-A 170 Women Artists/The Visual Arts (3 cr. hrs.)
 - minimum grade C-
- FINA-A 270 Women in the History of Art (3 cr. hrs.)
 - minimum grade C-

- ENG-L 207 Women and Literature (3 cr. hrs.)
 - minimum grade C-
- ENG-L 378 Studies in Women and Literature (3 cr. hrs.)
 - minimum grade C-
- ENG-L 389 Feminist Literary and Cultural Criticism (3 cr. hrs.)
 - minimum grade C-
- SPCH-S 450 Gender and Communication (3 cr. hrs.)
 - minimum grade C-

Other class with gender component and an advisor's approval 3 C-
Capstone

- SOC-S 470 Senior Seminar Senior with a gender-related topic for the seminar paper (3 cr. hrs.)
 - minimum grade C-

Sociology (Bachelor of Science)

The purpose of this program is to provide Sociology students with greater depth of knowledge in Sociology as a science and more development of research skills than currently provided by the Sociology B.A. program, which provides a more generalized education in Sociology.

Degree Requirements

Students receiving the Bachelor of Science in Sociology degree must complete 120 total credit hours including:

- General Education Component (30 cr.)
- Bachelor of Science Distribution Requirement (8 cr.)
- Sociology Core (37 cr.)
- Sociology Capstone (3 cr.)
- Electives as needed to complete 120 total credit hours

-
- A minimum of 30 credit hours at the 300- or 400-level
 - Courses required for the major must be completed with a grade of C- or higher
 - A minimum GPA of 2.0 is required
-

Note: This is not a re-statement of the University's General Education Requirement but a list of specific General Education courses which are also requirements or pre-requisites for course work in the school/major.

- SOC-S 163 Social Problems (3 cr. hrs.)
 - minimum grade C-
- MATH-A 118 Finite Mathematics for the Social and Biological Sciences (3 cr. hrs.)
 - minimum grade C-

B.S. Distribution Component

Additional Life or Physical Science from BA list * 5
Additional Life or Physical Science from BA list * 3

*Note: Must take at least one life science and one physical science.

Sociology Core

The B.S. in Sociology requires a minimum of 37 credit hours in sociology. Specific requirements are listed below.

- SOC-S 163 Social Problems (3 cr. hrs.)
 - minimum grade C-
- SOC-S 203 Sociological Concepts & Perspectives (3 cr. hrs.)
 - minimum grade C-
- SOC-S 199 Careers in Sociology (1 cr. hrs.)
 - minimum grade C-
- SOC-S 380 Introduction to Social Research Methods I (3 cr. hrs.)
 - minimum grade C-
- SOC-S 381 Introduction to Social Research Methods II (3 cr. hrs.)
 - minimum grade C-
- SOC-S 260 Intermediate Sociological Writing (3 cr. hrs.)
 - minimum grade C-
- SOC-S 441 Topics in Social Theory (3 cr. hrs.)
 - minimum grade C-

Choose one of the following courses: "Sociology as an Applied Science"

- SOC-S 305 Population & Human Ecology (3 cr. hrs.)
 - minimum grade C-
- SOC-S 308 Global Society (3 cr. hrs.)
 - minimum grade C-
- SOC-S 309 The Community (3 cr. hrs.)
 - minimum grade C-
- SOC-S 360 Topics in Social Policy (3 cr. hrs.)
 - minimum grade C-
- SOC-S 361 Cities & Suburbs (3 cr. hrs.)
 - minimum grade C-
- SOC-S 403 Industry, Labor, and Community (3 cr. hrs.)
 - minimum grade C-
- SOC-S 431 Topics in Social Psychology (3 cr. hrs.)
 - minimum grade C-

Choose three of the following courses: "Social Groups, Institutions, and Society" or "Sociology as an Applied Science"

- SOC-R 320 Sexuality & Society (3 cr. hrs.)
 - minimum grade C-
- SOC-R 326 Masculinity & Society (3 cr. hrs.)
 - minimum grade C-

- SOC-R 327 Sociology of Death & Dying (3 cr. hrs.)
 - minimum grade C-
- SOC-R 463 Inequality & Society (3 cr. hrs.)
 - minimum grade C-
- SOC-S 301 Topics in Gender (3 cr. hrs.)
 - minimum grade C-
- SOC-S 304 Global Issues in Gender (3 cr. hrs.)
 - minimum grade C-
- SOC-S 305 Population & Human Ecology (3 cr. hrs.)
 - minimum grade C-
- SOC-S 308 Global Society (3 cr. hrs.)
 - minimum grade C-
- SOC-S 309 The Community (3 cr. hrs.)
 - minimum grade C-
- SOC-S 312 Education & Society (3 cr. hrs.)
 - minimum grade C-
- SOC-S 313 Religion & Society (3 cr. hrs.)
 - minimum grade C-
- SOC-S 314 Social Aspects of Health & Medicine (3 cr. hrs.)
 - minimum grade C-
- SOC-S 315 Work & Occupations (3 cr. hrs.)
 - minimum grade C-
- SOC-S 319 Science & Society (3 cr. hrs.)
 - minimum grade C-
- SOC-S 331 Sociology of Aging (3 cr. hrs.)
 - minimum grade C-
- SOC-S 335 Race & Ethnic Relations (3 cr. hrs.)
 - minimum grade C-
- SOC-S 338 Sociology of Gender Roles (3 cr. hrs.)
 - minimum grade C-
- SOC-S 360 Topics in Social Policy (3 cr. hrs.)
 - minimum grade C-
- SOC-S 361 Cities & Suburbs (3 cr. hrs.)
 - minimum grade C-
- SOC-S 403 Industry, Labor, and Community (3 cr. hrs.)
 - minimum grade C-

- SOC-S 405 Selected Social Institutions (3 cr. hrs.)
 - minimum grade C-
- SOC-S 413 Gender & Society (3 cr. hrs.)
 - minimum grade C-
- SOC-S 416 The Family (3 cr. hrs.)
 - minimum grade C-
- SOC-S 419 Social Movements & Collective Action (3 cr. hrs.)
 - minimum grade C-
- SOC-S 431 Topics in Social Psychology (3 cr. hrs.)
 - minimum grade C-

Electives

In addition to the sociology core and sociology electives, students must choose two of the following elective courses.

- BUS-M 300 Introduction to Marketing (3 cr. hrs.)
 - minimum grade C-
- CSCI-A 212 Spreadsheet Applications (3 cr. hrs.)
 - minimum grade C-
- CSCI-A 213 Database Applications (3 cr. hrs.)
 - minimum grade C-
- INFO-I 101 Introduction to Informatics (3 cr. hrs.)
 - minimum grade C-
- INFO-I 202 Social Informatics (4 cr. hrs.)
 - minimum grade C-
- INFO-I 303 Organizational Informatics (3 cr. hrs.)
 - minimum grade C-
- GEOG-G 338 Geographic Information Sciences (3 cr. hrs.)
 - minimum grade C-
- GEOG-G 438 Advanced Geographic Information Systems (3 cr. hrs.)
 - minimum grade C-
- GEOG-G 439 Seminar in Geographic Information (3 cr. hrs.)
 - minimum grade C-
- ECON-E 338 Business & Economic Applications of Geographical Information Systems (3 cr. hrs.)
 - minimum grade C-
- SPCH-C 325 Interviewing Principles and Practices (3 cr. hrs.)
 - minimum grade C-
- SPCH-S 229 Discussion and Group Methods (3 cr. hrs.)
 - minimum grade C-
- SPCH-S 333 Public Relations (3 cr. hrs.)
 - minimum grade C-

Capstone

- SOC-S 470 Senior Seminar in Sociology (3 cr. hrs.)
 - minimum grade C-

Minor in Sociology

Degree Requirements

18 credit hours, including: SOC-S 163 and 15 additional hours of 200-400-level sociology courses.

Certificate in Asian Affairs

Description

The Certificate in Asian Affairs is intended to give students an understanding of Asian societies today, offering insights into cultural, social, political, historical, geographic, and economic variables essential to appreciating Asian societies, as well as a basic introduction to one Asian language.

Certificate Requirements

The certificate requires 15-16 hours, with a minimum cumulative G.P.A. of 2.0. Students must complete one course from each of the 4 areas (12-13 credit hours): Language, Culture, History & Philosophy, and Politics & Geography. Student choose one additional course from one of the 4 areas or may complete a Study Abroad in Asia for a minimum of 3 credit hours. Study Abroad in Asia is strongly recommended.

* No more than two courses below the 200-level will count toward the certificate.

Language

- EALC-J varies Students will take 1 language course in Japanese. Specific course will depend on student performance on a placement test (3-4 cr. hrs.)
 - minimum grade C-

Culture (choose one course)

- ENG-L107Oriental World Masterpieces(3 cr. hrs.)
 - minimum grade C-

- FINA-A362 The Art of Japan (3 cr. hrs.)
 - minimum grade C-

- REL-R153Religions of Asia(3 cr. hrs.)
 - minimum grade C-

- REL-R354Buddhism(3 cr. hrs.)
 - minimum grade C-

- minimum grade C-

History & Philosophy (choose one course)

- HIST-G100Introduction to Asian History(3 cr. hrs.)
 - minimum grade C-

- HIST-G200Issues in Asian History(3 cr. hrs.)
 - minimum grade C-

- HIST-H207 Modern East Asian Civilization (3 cr. hrs.)
 - minimum grade C-
- HIST-H208 American-East Asian Relations (3 cr. hrs.)
 - minimum grade C-
- HIST-G385 Modern China (3 cr. hrs.)
 - minimum grade C-
- HIST-G387 Contemporary China (3 cr. hrs.)
 - minimum grade C-
- HIST-G451 The Far East 1 (3 cr. hrs.)
 - minimum grade C-
- PHIL-P170 Introduction to Asian Philosophy (3 cr. hrs.)
 - minimum grade C-
- PHIL-P334 Buddhist Philosophy (3 cr. hrs.)
 - minimum grade C-
- PHIL-P374 Early Chinese Philosophy (3 cr. hrs.)
 - minimum grade C-

Politics & Geography (choose one course)

- POLS-Y369 (3 cr. hrs.)

- minimum grade C-

Elective (choose one additional course from any area listed above. Summer Study Abroad in Asia is strongly encouraged.) 3C-

* Please note that other appropriate courses may be offered and substituted subject to approval.

Certificate in Conflict Analysis and Resolution

The Certificate in Conflict Analysis and Resolution develops conflict management skills and the ability to analyze conflict over time and in various settings. The required curriculum focuses primarily on interpersonal conflicts and offers students a fundamental knowledge and understanding of the theories of conflict and applicable problem solving strategies. Transformative conflict resolution requires mediation and negotiation, and only through an understanding of the ethical, cultural and power dynamics at play is resolution possible. Elective courses provide social, historical and international perspectives of conflict. With such knowledge, students learn the stakes in resolution, patterns over time, and precedents for success.

Students are required to complete 18 hours with a minimum G.P.A. of 2.0, including at least nine hours at the 300-level or above.

Required Coursework

Dept.	Course Number	Course Name	Credit Hours	Minimum Grade
CJUS-P	313	Conflict Management	3	C-

Choose Two of the Following:

Dept	Course Number	Course Name	Credit Hours	Minimum Grade
BUS-M	421	Fundamentals of Negotiation	3	C-
PHIL-P	140	Introduction to Ethics	3	C-
PSY-P	321	Group Dynamics	3	C-
SOC-S	318	The Self and Social Interaction	3	C-
CMCL-C	427	Cross Cultural Communication	3	C-

Choose Three Elective Courses from the Following:

Dept	Course Number	Course Name	Credit Hours	Minimum Grade
CJUS-P	330	Ethics in Criminal Justice	3	C-
CJUS-P	335	Race, Gender and Inequality in the Criminal Justice System	3	C-
CMCL-S	229	Discussion and Group Methods	3	C-
HIST-A	301	Colonial North America	3	C-
HIST-A	302	Revolutionary United States	3	C-
HIST-A	381	Civil Rights Era in the United States	3	C-
HIST-B	315	European Anti-Semitism, Enlightenment to the Holocaust	3	C-
HIST-B	323	History of the Holocaust	3	C-
HIST-B	360	Europe from Napoleon to the First World War	3	C-

HIST-B	361	Europe in the Twentieth Century	3	C-
HIST-F	341	Latin America: Conquest and Empire	3	C-
HIST-F	342	Latin America: Evolution and Revolution	3	C-
HIST-H	101	The World in the Twentieth Century	3	C-
PHIL-P	113	Debate, Argument, and Persuasion	3	C-
POLS-Y	107	Introduction to Comparative Politics	3	C-
POLS-Y	109	Introduction to International Relations	3	C-
POLS-Y	335	West European Politics	3	C-
POLS-Y	337	Latin American Politics	3	C-
POLS-Y	351	Political Simulations (1 cr. Repeatable two times)	1	C-
POLS-Y	369	Intro to East Asian Politics	3	C-
POLS-Y	392	Special Topics in Political Science: Theories of Power	3	C-
POLS-Y	471	Terrorism	3	C-
SOC-S	419	Social Movements and Collective Behavior	3	C-
SOC-R	463	Inequality and Society	3	C-
SOC-S	335	Race and Ethnic Relations	3	C-

Certificate in Diversity and Intercultural Competency

The Certificate in Diversity is designed to prepare students to be familiar with different types of diversity as well as the contexts and theories related to diversity. Diversity is defined differently according to one's own perspective, and this certificate prepares students for negotiating diverse cultures and identities in different fields of study. The certificate also enables students to understand the impact of diversity in local, world, and national contexts.

Students are required to complete 18 credit hours with a minimum G.P.A. of 2.0, including

- At least nine hours must be completed at the 300-level or above.
- Six credit hours must be taken in the humanities
- Six credit hours must be taken in the social sciences
- Coursework towards the certificate must cover at least three of the following areas: sex and gender, sexuality, race and ethnicity, religion, age/generation, nationality, or class.

Humanities Courses

Dept.	Course Number	Course Name	Credit Hours	Area	Minimum Grade
AFRO-A	169	Introduction to African American Literature	3	Race and Ethnicity	C-
ANTH-E	105	Culture and Society	3	Race and Ethnicity, Religion	C-
EDUC-M	300	Teaching in a Pluralistic Society	3	Race and Ethnicity, Age/Generation, Class	C-
ENG-L	207	Women and Literature	3	Sex and Gender, Race and Ethnicity, Class	C-
ENG-L	374	Ethnic American Literature	3	Race and Ethnicity	C-
ENG-L	378	Studies in Women and Literature	3	Sex and Gender, Race and Ethnicity, Class	C-
ENG-L	383	Studies in British or Commonwealth Culture	3	Race and Ethnicity, Nationality	C-

ENG-L	389	Feminist 3 Literary and Cultural Criticism	Sex and C- Gender			Ethnicity, Religion, Nationality
FINA-A	150	African, 3 New World and Oceanic Art	Race C- and Ethnicity, Religion			Race C- and Ethnicity, Age/ Generation, Nationality
FINA-A*	343	American 3 Art *can only be taken when focus is on diversity issues	Sex and C- Gender, Race and Ethnicity, Religion			Sex and C- Gender, Sexuality, Class
FINA-A	362	Art of 3 Japan	Race C- and Ethnicity, Religion			Race C- and Ethnicity, Religion, Nationality
FINA-A	402	Arts of 3 Native North America	Race C- and Ethnicity, Religion			Race C- and Ethnicity, Religion, Nationality
FINA-A	451	Art of the 3 South Pacific	Race C- and Ethnicity, Religion			Religion C-
FINA-A	452	Art of 3 Pre- Columbian America	Race C- and Ethnicity, Religion			Sex and C- Gender, Sexuality, Religion
FINA-A	458	Topics 3 in the Ethnographic Arts	Race C- and Ethnicity, Religion			Sex and C- Gender, Nationality
FINA-A	485	Women 3 and Gender in the Visual Arts	Sex and C- Gender, Sexuality			Sex and C- Gender, Nationality
FREN-F	363	Introduction a la France Moderne	NationalityC-			Sex and C- Gender, Sexuality
FREN-F	415	La 3 Culture Francophone	NationalityC-			Sex and C- Gender, Class
FREN-F	461	La 3 France Contemporaine	NationalityC-			Sex and C- Gender, Nationality, Class
PHIL-P	170	Introduction to Asian Philosophy	Race C- and Ethnicity, Religion, Nationality			
PHIL-P	334	Buddhist 3 Philosophy	Race C- and			
PHIL-P	374	Early 3 Chinese Philosophy				
PHIL-P	394	Feminist 3 Philosophy				
REL-R	152	Jews, 3 Christians, and Muslims				Race C- and Ethnicity, Religion, Nationality
REL-R	153	Religions 3 of Asia				Race C- and Ethnicity, Religion, Nationality
REL-R	245	Introduction to Judaism				Race C- and Ethnicity, Religion, Nationality
REL-R	257	Introduction to Islam				Religion C-
REL-R	364	Topics in 3 Gender and Western Religion				Sex and C- Gender, Sexuality, Religion
SPAN-S	301	The 3 Hispanic World I				Sex and C- Gender, Nationality
SPAN-S	302	The 3 Hispanic World II				Sex and C- Gender, Nationality
SPAN-S	303	The 3 Hispanic World III				Sex and C- Gender, Nationality
SPAN-S	363	Introducción a la cultura hispanica				Sex and C- Gender, Sexuality
SPAN-S	407	Survey 3 of Spanish Literature I				Sex and C- Gender, Class
SPAN-S	408	Survey 3 of Spanish Literature II				Sex and C- Gender, Nationality, Class
SPAN-S	411	Spain: 3 The Cultural Context				Religion, C- Nationality

Social Sciences Courses

Dept.	Course Number	Course Name	Credit Hours	Area	Minimum Grade
CJUS-P	335	Race, Gender, and Inequality in the Criminal Justice System	3	Sex and Gender, Race and Ethnicity, Class	C-
CJUS-P	362	Sex Offenders	3	Sex and Gender, Sexuality	C-
CJUS-P	375	American Juvenile Justice System	3	Age/Generation	C-
CJUS-P	423	Sexuality and the Law	3	Sex and Gender, Sexuality	C-
HIST-A	260	Early American Women's History	3	Sex and Gender, Sexuality	C-
HIST-A	261	Modern American Women's History	3	Sex and Gender, Sexuality	C-
HIST-A	310	Survey of American Indians I	3	Race and Ethnicity, Religion	C-
HIST-A	356	African-American History II	3	Race and Ethnicity	C-
HIST-A	381	Civil Rights Era in the U.S.	3	Sex and Gender, Race and Ethnicity	C-
HIST-B	315	European Anti-Semitism from the Enlightenment to the Holocaust	3	Race and Ethnicity, Religion, Nationality	C-
HIST-B	359	Europe, 1789-1848	3	Nationality	C-
HIST-B	360	Europe, 1848-1914	3	Nationality	C-
HIST-B	361	Europe in the Twentieth Century, 1914-1945	3	Race and Ethnicity, Nationality	C-
HIST-F	100	Issues in Latin American	3	Race and Ethnicity,	C-

HIST-F	216	History: Introduction of Slavery in the Americas	3	Nationality, Class Race and Ethnicity, Class	C-
HIST-F	232	Upheaval in the 20th Century Latin America	3	Race and Ethnicity, Nationality, Class	C-
HIST-F	341	Latin America: Conquest and Empire	3	Race and Ethnicity, Religion, Class	C-
HIST-F	342	Latin America: Evolution and Revolution	3	Race and Ethnicity, Nationality, Class	C-
HIST-G	100	Introduction to Asian History	3	Religion, C-Nationality	C-
HIST-G	200	Issues in Asian History	3	Religion, C-Nationality	C-
HIST-G	300	Issues in Asian History	3	Religion, C-Nationality	C-
HIST-H	101	The World in the Twentieth Century	3	Race and Ethnicity, Religion, Class	C-
HIST-H	103	Europe: Renaissance to Napoleon	3	Religion, C-Nationality	C-
HIST-H	104	Europe: Napoleon to the Present	3	Religion, C-Nationality	C-
POLS-Y	107	Introduction to Comparative Politics	3	Nationality, Class	C-
POLS-Y	109	Introduction to International Relations	3	Nationality, Class	C-
POLS-Y	324	Women and Politics	3	Sex and Gender	C-
POLS-Y	335	West European Politics	3	Nationality	C-
POLS-Y	337	Latin American Politics	3	Nationality	C-
POLS-Y	354	Nationalism	3	Nationality	C-

POLS-Y	369	Asian Politics	3	Nationality	C-
PSY-P	305	Psychology and Cultures	3	Sex and Gender, Race and Ethnicity, Nationality	C-
SOC-R	320	Sexuality and Society	3	Sex and Gender, Sexuality	C-
SOC-R	326	Masculinity and Society	3	Sex and Gender	C-
SOC-R	463	Inequality and Society	3	Sex and Gender, Class, Race and Ethnicity	C-
SOC-S	163	Social Problems	3	Sex and Gender, Race and Ethnicity, Class	C-
SOC-S	301	Topics in Gender	3	Sex and Gender	C-
SOC-S	304	Global Issues in Gender	3	Sex and Gender	C-
SOC-S	308	Global Society	3	Sex and Gender, Religion	C-
SOC-S	313	Religion and Society	3	Religion	C-
SOC-S	331	Sociology of Aging	3	Age/Generation	C-
SOC-S	335	Race and Ethnic Relations	3	Race and Ethnicity, Class	C-
SOC-S	338	Sociology of Gender Roles	3	Sex and Gender	C-
SOC-S	360	Topics in Social Policy	3	Class	C-
SOC-S	413	Gender and Society	3	Sex and Gender	C-
SOC-S	419	Social Movements and Collective Action	3	Sex and Gender, Sexuality, Race and Ethnicity	C-
SOC-W	100	Gender Studies	3	Sex and Gender	C-

Certificate in European Affairs

Description

The Certificate in European Affairs is intended to give students an understanding of European societies today, offering insights into cultural, social, political, historical, geographic, and economic variables essential to appreciating European societies, as well as a basic introduction to one European language.

Certificate Requirements

The certificate requires 15-16 hours, with a minimum cumulative G.P.A. of 2.0. Students must complete one course from each of the 4 areas (12-13 credit hours): Language, Culture, History & Philosophy, and Politics & Geography. Student choose one additional course from one of the 4 areas or may complete a Study Abroad in Europe for a minimum of 3 credit hours. Study Abroad in Europe is strongly recommended.

* No more than two courses below the 200-level will count toward the certificate.

Language

- FREN-F or GER-G or SPAN-S varies Students will take 1 language course in French, German, or Spanish. Specific course will depend on student performance on a placement test. (3-4 cr. hrs.)
 - minimum grade C-

Culture (choose one course)

- ENG-L101 Western World Masterpieces I (3 cr. hrs.)
 - minimum grade C-
- ENG-L102 Western World Masterpieces II (3 cr. hrs.)
 - minimum grade C-
- FINA-A102 Renaissance through Modern Art(3 cr. hrs.)
 - minimum grade C-
- FINA-A315 Art of the Ancient World(3 cr. hrs.)
 - minimum grade C-
- FINA-A322 Romanesque and Gothic Arts(3 cr. hrs.)
 - minimum grade C-
- FREN-F363 Introduction a la France moderne(3 cr. hrs.)
 - minimum grade C-
- FREN-F461 La France contemporaine(3 cr. hrs.)
 - minimum grade C-
- GER-G363 Introduction to German Cultural History(3 cr. hrs.)
 - minimum grade C-
- GER-G415 Perspectives on German Literature(3 cr. hrs.)
 - minimum grade C-
- GER-G418 German Film and Popular Culture(3 cr. hrs.)
 - minimum grade C-

- GER-G464 German culture and Society(3 cr. hrs.)
 - minimum grade C-
 - HUMA-U101 Introduction to the Humanities(3 cr. hrs.)
 - minimum grade C-
 - HUMA-U102 Introduction to Modern Humanities(3 cr. hrs.)
 - minimum grade C-
 - SPAN-S407 Survey of Spanish Literature I(3 cr. hrs.)
 - minimum grade C-
 - SPAN-S408 Survey of Spanish Literature II(3 cr. hrs.)
 - minimum grade C-
 - SPAN-S411 Spain: The Cultural Context(3 cr. hrs.)
 - minimum grade C-
- History & Philosophy (choose one course)
- HIST-H103 Europe: Renaissance to Napoleon(3 cr. hrs.)
 - minimum grade C-
 - HIST-H104 Europe: Napoleon to the Present(3 cr. hrs.)
 - minimum grade C-
 - HIST-H206 Medieval Civilization(3 cr. hrs.)
 - minimum grade C-
 - HIST-B312 History of the European City in the MODern Era(3 cr. hrs.)
 - minimum grade C-
 - HIST-D310 Russian Revolutions and the Soviet Regime(3 cr. hrs.)
 - minimum grade C-
 - HIST-D330 Eastern Europe 1944-Present(3 cr. hrs.)
 - minimum grade C-
 - PHIL-P304 Nineteenth-Century Philosophy(3 cr. hrs.)
 - minimum grade C-
 - REL-R152 Jews, Christians, & Muslims(3 cr. hrs.)
 - minimum grade C-
- Politics & Geography (choose one course)
- POLS-Y335 West European Politics(3 cr. hrs.)
 - minimum grade C-
 - POLS-Y349 Comparative Public Policy(3 cr. hrs.)
 - minimum grade C-
 - POLS-Y350 Politics of the European Union(3 cr. hrs.)
 - minimum grade C-
 - POLS-Y354 Nationalism in Europe(3 cr. hrs.)

- minimum grade C-

- GEOG-G418 Historical Geography(3 cr. hrs.)

- minimum grade C-

Elective (choose one additional course from any area listed above or complete a Study Abroad in Europe. Study Abroad in Europe is strongly encouraged.)3C-

* Please note that other appropriate courses may be offered and substituted subject to approval.

Certificate in Latin American Affairs

Description

The Certificate in Latin American Affairs is intended to give students an understanding of Latin American societies today, offering insights into cultural, social, political, historical, geographic, and economic variables essential to appreciating Latinb American societies, as well as a basic introduction to one Latin American language.

Certificate Requirements

The certificate requires 15-16 hours, with a minimum cumulative G.P.A. of 2.0. Students must complete one course from each of the 4 areas (12-13 credit hours): Language, Culture, History & Philosophy, and Politics & Geography. Students choose one additional course from one of the 4 areas or may complete a Study Abroad in Latin America for a minimum of 3 credit hours. Study Abroad in Latin America is strongly recommended.

* No more than two courses below the 200-level will count toward the certificate.

Language

- SPAN-S varies Students will take 1 language course in Spanish. Specific course will depend on student performance on a placement test (3-4 cr. hrs.)
 - minimum grade C-

Culture (choose one course)

- FINA-A150 Africa, New World, & Oceanic Art(3 cr. hrs.)
 - minimum grade C-
- FINA-A452 Art of Pre-Columbian America (3 cr. hrs.)
 - minimum grade C-
- SPAN-S275 Hispanic Culture and Conversation(3 cr. hrs.)
 - minimum grade C-
- SPAN-S301 The Hispanic World I(3 cr. hrs.)
 - minimum grade C-
- SPAN-S302 The Hispanic World II(3 cr. hrs.)
 - minimum grade C-
- SPAN-S363 Introduccion a la Cultura Hispanica(3 cr. hrs.)
 - minimum grade C-
- SPAN-S471 Survey of Spanish American Literature I(3 cr. hrs.)
 - minimum grade C-
- SPAN-S472 Survey of Spanish American Literature II(3 cr. hrs.)

- minimum grade C-

History & Philosophy (choose one course)

- HIST-F100 Issues in Latin American History: Introduction (3 cr. hrs.)
 - minimum grade C-
- HIST-F341 Latin America: Conquest and Empire (3 cr. hrs.)
 - minimum grade C-
- HIST-F342 Latin America: Evolution and Revolution (3 cr. hrs.)
 - minimum grade C-
- HIST-H231 Women, Men, and Family in History (3 cr. hrs.)
 - minimum grade C-
- HIST-F232 Upheaval in 20th-Century Latin America (3 cr. hrs.)
 - minimum grade C-
- SPAN-S412 Spanish America: The Cultural Context (3 cr. hrs.)
 - minimum grade C-

Politics & Geography (choose one course)

- POLS-Y337 Latin American Politics (3 cr. hrs.)
 - minimum grade C-
- GEOG-G323 Geography of Latin America (3 cr. hrs.)
 - minimum grade C-

Elective (choose one additional course from any area listed above or complete a Study Abroad. Study Abroad in Latin America is strongly encouraged.) 3C-

* Please note that other appropriate courses may be offered and substituted subject to approval.

Certificate in Public Sector Management

The primary target of this certificate is people who are either currently working in a governmental office (whether political or not), or who are seeking employment with the government and have not yet completed a college degree. Government employees face very different rules, constraints, and work situations than do private sector employees. This certificate will help provide public sector employees with the skills needed to face these challenges.

Student Learning Goals

The certificate is meant to help students develop skills that would be useful for working in government offices or non-profit agencies. These skills include written and oral communication skills, as well as skills in budgeting and managing personnel in a political environment, the making of public policy, and the legal environment in which government agencies operate.

Certificate Requirements

The certificate requires 15 hours, with a minimum cumulative G.P.A. of 2.0 to be awarded a certificate.

Core Program

- POLS-Y 103 Introduction to American Politics (3 cr. hrs.)

- minimum grade C-

Certificate Specific Requirements

Students must successfully complete any four of the courses below:

- POLS-Y 302 Public Bureaucracy in Modern Society (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 303 Formation of Public Policy in the United States (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 306 State Politics in the United States (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 401 Topics in Political Science - Seminar in Grant Writing, cross listed with PSY-P 457 (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 402 Politics of the Budgetary Process (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 403 Legal Issues in Public Bureaucracy (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 404 Political Issues in Public Personnel Management (3 cr. hrs.)
 - minimum grade C-

Post-Baccalaureate Certificate in Asian Affairs

Description

The Post-Baccalaureate Certificate in Asian Affairs is intended to give students an understanding of Asian societies today, offering insights into cultural, social, political, historical, geographic, and economic variables essential to appreciating Asian societies, as well as a basic introduction to one Asian language.

Certificate Requirements

The certificate requires 15-16 hours, with a minimum cumulative G.P.A. of 2.0. Students must complete one course from each of the 4 areas (12-13 credit hours): Language, Culture, History & Philosophy, and Politics & Geography. Student choose one additional course from one of the 4 areas or may complete a Study Abroad in Asia for a minimum of 3 credit hours. Study Abroad in Asia is strongly recommended.

* No more than two courses below the 200-level will count toward the certificate.

Language

- EALC-J varies Students will take 1 language course in Japanese. Specific course will depend on student performance on a placement test (3-4 cr. hrs.)
 - minimum grade C-

Culture (choose one course)

- ENG-L107 Oriental World Masterpieces (3 cr. hrs.)
 - minimum grade C-
- FINA-A362 The Art of Japan (3 cr. hrs.)

- minimum grade C-
 - REL-R153Religions of Asia(3 cr. hrs.)
 - minimum grade C-
 - REL-R354Buddhism(3 cr. hrs.)
 - minimum grade C-
- History & Philosophy (choose one course)
- HIST-G100Introduction to Asian History(3 cr. hrs.)
 - minimum grade C-
 - HIST-G200Issues in Asian History(3 cr. hrs.)
 - minimum grade C-
 - HIST-H207Modern East Asian Civilization(3 cr. hrs.)
 - minimum grade C-
 - HIST-H208American-East Asian Relations(3 cr. hrs.)
 - minimum grade C-
 - HIST-G385Modern China(3 cr. hrs.)
 - minimum grade C-
 - HIST-G387Contemporary China(3 cr. hrs.)
 - minimum grade C-
 - HIST-G451The Far East 1(3 cr. hrs.)
 - minimum grade C-
 - PHIL-P170Introduction to Asian Philosophy(3 cr. hrs.)
 - minimum grade C-
 - PHIL-P334Buddhist Philosophy(3 cr. hrs.)
 - minimum grade C-
 - PHIL-P374Early Chinese Philosophy(3 cr. hrs.)
 - minimum grade C-

Politics & Geography (choose one course)

- POLS-Y369(3 cr. hrs.)
 - minimum grade C-

Elective (choose one additional course from any area listed above. Summer Study Abroad in Asia is strongly encouraged.)3C-

* Please note that other appropriate courses may be offered and substituted subject to approval.

Post Baccalaureate Certificate in Conflict Analysis and Resolution

The Post-Baccalaureate Certificate in Conflict Analysis and Resolution develops conflict management skills and the ability to analyze conflict over time and in various settings. The required curriculum focuses primarily on interpersonal conflicts and offers students a fundamental knowledge and understanding of the theories of conflict and applicable problem solving strategies. Transformative

conflict resolution requires mediation and negotiation, and only through an understanding of the ethical, cultural and power dynamics at play is resolution possible. Elective courses provide social, historical and international perspectives of conflict. With such knowledge, students learn the stakes in resolution, patterns over time, and precedents for success.

Students are required to complete 18 hours with a minimum G.P.A. of 2.0, including at least nine hours at the 300-level or above.

Required Coursework

Dept.	Course Number	Course Name	Credit Hours	Minimum Grade
CJUS-P	313	Conflict Management	3	C-

Choose Two of the Following:

Dept	Course Number	Course Name	Credit Hours	Minimum Grade
BUS-M	421	Fundamentals of Negotiation	3	C-
PHIL-P	140	Introduction to Ethics	3	C-
PSY-P	321	Group Dynamics	3	C-
SOC-S	318	The Self and Social Interaction	3	C-
CMCL-C	427	Cross Cultural Communication	3	C-

Choose Three Elective Courses from the Following:

Dept	Course Number	Course Name	Credit Hours	Minimum Grade
CJUS-P	330	Ethics in Criminal Justice	3	C-
CJUS-P	335	Race, Gender and Inequality in the Criminal Justice System	3	C-
CMCL-S	229	Discussion and Group Methods	3	C-
HIST-A	301	Colonial North America	3	C-
HIST-A	302	Revolutionary United States	3	C-
HIST-A	381	Civil Rights Era in the	3	C-

HIST-B	315	United States European Anti-Semitism, Enlightenment to the Holocaust	3	C-
HIST-B	323	History of the Holocaust	3	C-
HIST-B	360	Europe from Napoleon to the First World War	3	C-
HIST-B	361	Europe in the Twentieth Century	3	C-
HIST-F	341	Latin America: Conquest and Empire	3	C-
HIST-F	342	Latin America: Evolution and Revolution	3	C-
HIST-H	101	The World in the Twentieth Century	3	C-
PHIL-P	113	Debate, Argument, and Persuasion	3	C-
POLS-Y	107	Introduction to Comparative Politics	3	C-
POLS-Y	109	Introduction to International Relations	3	C-
POLS-Y	335	West European Politics	3	C-
POLS-Y	337	Latin American Politics	3	C-
POLS-Y	351	Political Simulations (1 cr. Repeatable two times)	1	C-
POLS-Y	369	Intro to East Asian Politics	3	C-
POLS-Y	392	Special Topics in Political	3	C-

POLS-Y	471	Science: Theories of Power	3	C-
SOC-S	419	Terrorism	3	C-
SOC-R	463	Social Movements and Collective Behavior	3	C-
SOC-S	335	Inequality and Society	3	C-
		Race and Ethnic Relations	3	C-

Post-Baccalaureate Certificate in Diversity and Intercultural Competency

The Post-Baccalaureate Certificate in Diversity is designed to prepare students to be familiar with different types of diversity as well as the contexts and theories related to diversity. Diversity is defined differently according to one's own perspective, and this certificate prepares students for negotiating diverse cultures and identities in different fields of study. The certificate also enables students to understand the impact of diversity in local, world, and national contexts.

Students are required to complete 18 credit hours with a minimum G.P.A. of 2.0, including

- At least nine hours must be completed at the 300-level or above.
- Six credit hours must be taken in the humanities
- Six credit hours must be taken in the social sciences
- Coursework towards the certificate must cover at least three of the following areas: sex and gender, sexuality, race and ethnicity, religion, age/generation, nationality, or class.

Humanities Courses

Dept.	Course Number	Course Name	Credit Hours	Area	Minimum Grade
AFRO-A	169	Introduction to African American Literature	3	Race and Ethnicity	C-
ANTH-E	105	Culture and Society	3	Race and Ethnicity, Religion	C-
EDUC-M	300	Teaching in a Pluralistic Society	3	Race and Ethnicity, Age/Generation, Class	C-
ENG-L	207	Women and Literature	3	Sex and Gender, Race	C-

ENG-L	374	Ethnic American Literature	3	Race and Ethnicity, Class	C-
ENG-L	378	Studies in Women and Literature	3	Sex and Gender, Race and Ethnicity, Class	C-
ENG-L	383	Studies in British or Commonwealth Culture	3	Race and Ethnicity, Nationality	C-
ENG-L	389	Feminist Literary and Cultural Criticism	3	Sex and Gender	C-
FINA-A	150	African, New World and Oceanic Art	3	Race and Ethnicity, Religion	C-
FINA-A*	343	American Art *can only be taken when focus is on diversity issues	3	Sex and Gender, Race and Ethnicity, Religion	C-
FINA-A	362	Art of Japan	3	Race and Ethnicity, Religion	C-
FINA-A	402	Arts of Native North America	3	Race and Ethnicity, Religion	C-
FINA-A	451	Art of the South Pacific	3	Race and Ethnicity, Religion	C-
FINA-A	452	Art of Pre-Columbian America	3	Race and Ethnicity, Religion	C-
FINA-A	458	Topics in the Ethnographic Arts	3	Race and Ethnicity, Religion	C-
FINA-A	485	Women and Gender in the Visual Arts	3	Sex and Gender, Sexuality	C-
FREN-F	363	Introduction à la France Moderne	3	Nationality	C-
FREN-F	415	La Culture Francophone	3	Nationality	C-
FREN-F	461	La France Contemporaine	3	Nationality	C-
PHIL-P	170	Introduction to Asian Philosophy	3	Race and Ethnicity, Religion, Nationality	C-
PHIL-P	334	Buddhist Philosophy	3	Race and Ethnicity, Religion, Nationality	C-
PHIL-P	374	Early Chinese Philosophy	3	Race and Ethnicity, Age/Generation, Nationality	C-
PHIL-P	394	Feminist Philosophy	3	Sex and Gender, Sexuality, Class	C-
REL-R	152	Jews, Christians, and Muslims	3	Race and Ethnicity, Religion, Nationality	C-
REL-R	153	Religions of Asia	3	Race and Ethnicity, Religion, Nationality	C-
REL-R	245	Introduction to Judaism	3	Race and Ethnicity, Religion, Nationality	C-
REL-R	257	Introduction to Islam	3	Religion	C-
REL-R	364	Topics in Gender and Western Religion	3	Sex and Gender, Sexuality, Religion	C-
SPAN-S	301	The Hispanic World I	3	Sex and Gender, Nationality	C-
SPAN-S	302	The Hispanic World II	3	Sex and Gender, Nationality	C-
SPAN-S	303	The Hispanic World III	3	Sex and Gender, Nationality	C-

SPAN-S 363	Introducción a la cultura hispanica	3	Sex and Gender, Sexuality	C-
SPAN-S 407	Survey of Spanish Literature I	3	Sex and Gender, Class	C-
SPAN-S 408	Survey of Spanish Literature II	3	Sex and Gender, Nationality, Class	C-
SPAN-S 411	Spain: The Cultural Context	3	Religion, Nationality	C-

Social Sciences Courses

Dept.	Course Number	Course Name	Credit Hours	Area	Minimum Grade
CJUS-P	335	Race, Gender, and Inequality in the Criminal Justice System	3	Sex and Gender, Race and Ethnicity, Class	C-
CJUS-P	362	Sex Offenders	3	Sex and Gender, Sexuality	C-
CJUS-P	375	American Juvenile Justice System	3	Age/Generation	C-
CJUS-P	423	Sexuality and the Law	3	Sex and Gender, Sexuality	C-
HIST-A	260	Early American Women's History	3	Sex and Gender, Sexuality	C-
HIST-A	261	Modern American Women's History	3	Sex and Gender, Sexuality	C-
HIST-A	310	Survey of American Indians I	3	Race and Ethnicity, Religion	C-
HIST-A	356	African-American History II	3	Race and Ethnicity	C-
HIST-A	381	Civil Rights Era in the U.S.	3	Sex and Gender, Race and Ethnicity	C-

HIST-B	315	European Anti-Semitism from the Enlightenment to the Holocaust	3	Race and Ethnicity, Religion, Nationality	C-
HIST-B	359	Europe, 1789-1848	3	Nationality	C-
HIST-B	360	Europe, 1848-1914	3	Nationality	C-
HIST-B	361	Europe in the Twentieth Century, 1914-1945	3	Race and Ethnicity, Nationality	C-
HIST-F	100	Issues in Latin American History: Introduction	3	Race and Ethnicity, Nationality, Class	C-
HIST-F	216	History of Slavery in the Americas	3	Race and Ethnicity, Class	C-
HIST-F	232	Upheaval in the 20th Century Latin America	3	Race and Ethnicity, Nationality, Class	C-
HIST-F	341	Latin America: Conquest and Empire	3	Race and Ethnicity, Religion, Class	C-
HIST-F	342	Latin America: Evolution and Revolution	3	Race and Ethnicity, Nationality, Class	C-
HIST-G	100	Introduction to Asian History	3	Religion, Nationality	C-
HIST-G	200	Issues in Asian History	3	Religion, Nationality	C-
HIST-G	300	Issues in Asian History	3	Religion, Nationality	C-
HIST-H	101	The World in the Twentieth Century	3	Race and Ethnicity, Religion, Class	C-
HIST-H	103	Europe: Renaissance to Napoleon	3	Religion, Nationality	C-
HIST-H	104	Europe: Napoleon	3	Religion, Nationality	C-

POLS-Y 107	to the Present Introduction to Comparative Politics	Nationality Class
POLS-Y 109	Introduction to International Relations	Nationality Class
POLS-Y 324	Women 3 and Politics	Sex and C- Gender
POLS-Y 335	West 3 European Politics	Nationality C-
POLS-Y 337	Latin 3 American Politics	Nationality C-
POLS-Y 354	Nationalism	Nationality C-
POLS-Y 369	Asian 3 Politics	Nationality Class
PSY-P 305	Psychology and Cultures	Sex and C- Gender, Race and Ethnicity, Nationality
SOC-R 320	Sexuality 3 and Society	Sex and C- Gender, Sexuality
SOC-R 326	Masculinity and Society	Sex and C- Gender
SOC-R 463	Inequality 3 and Society	Sex and C- Gender, Class, Race and Ethnicity
SOC-S 163	Social 3 Problems	Sex and C- Gender, Race and Ethnicity, Class
SOC-S 301	Topics in 3 Gender	Sex and C- Gender
SOC-S 304	Global 3 Issues in Gender	Sex and C- Gender
SOC-S 308	Global 3 Society	Sex and C- Gender, Religion
SOC-S 313	Religion 3 and Society	Religion C-
SOC-S 331	Sociology 3 of Aging	Age/ Generation C-
SOC-S 335	Race 3 and	Race C- and

SOC-S 338	Ethnic Relations Sociology 3 of Gender Roles	Ethnicity, Class Sex and C- Gender
SOC-S 360	Topics 3 in Social Policy	Class C-
SOC-S 413	Gender 3 and Society	Sex and C- Gender
SOC-S 419	Social 3 Movements and Collective Action	Sex and C- Gender, Sexuality, Race and Ethnicity
SOC-W 100	Gender 3 Studies	Sex and C- Gender

Post-Baccalaureate Certificate in European Affairs

Description

The Post-Baccalaureate Certificate in European Affairs is intended to give students an understanding of European societies today, offering insights into cultural, social, political, historical, geographic, and economic variables essential to appreciating European societies, as well as a basic introduction to one European language.

Certificate Requirements

The certificate requires 15-16 hours, with a minimum cumulative G.P.A. of 2.0. Students must complete one course from each of the 4 areas (12-13 credit hours): Language, Culture, History & Philosophy, and Politics & Geography. Student choose one additional course from one of the 4 areas or may complete a Study Abroad in Europe for a minimum of 3 credit hours. Study Abroad in Europe is strongly recommended.

* No more than two courses below the 200-level will count toward the certificate.

Language

- FREN-F or GER-G or SPAN-S varies Students will take 1 language course in French, German, or Spanish. Specific course will depend on student performance on a placement test. (3-4 cr. hrs.)
 - minimum grade C-

Culture (choose one course)

- ENG-L101 Western World Masterpieces I (3 cr. hrs.)
 - minimum grade C-
- ENG-L102 Western World Masterpieces II (3 cr. hrs.)
 - minimum grade C-
- FINA-A102 Renaissance through Modern Art(3 cr. hrs.)
 - minimum grade C-
- FINA-A315 Art of the Ancient World(3 cr. hrs.)
 - minimum grade C-

- FINA-A322Romanesque and Gothic Arts(3 cr. hrs.)
 - minimum grade C-
 - FREN-F363Introduction a la France moderne(3 cr. hrs.)
 - minimum grade C-
 - FREN-F461La France contemporaine(3 cr. hrs.)
 - minimum grade C-
 - GER-G363Introduction to German Cultural History(3 cr. hrs.)
 - minimum grade C-
 - GER-G415Perspectives on German Literature(3 cr. hrs.)
 - minimum grade C-
 - GER-G418German Film and Popular Culture(3 cr. hrs.)
 - minimum grade C-
 - GER-G464German culture and Society(3 cr. hrs.)
 - minimum grade C-
 - HUMA-U101Introduction to the Humanities(3 cr. hrs.)
 - minimum grade C-
 - HUMA-U102Introduction to Modern Humanities(3 cr. hrs.)
 - minimum grade C-
 - SPAN-S407Survey of Spanish Literature I(3 cr. hrs.)
 - minimum grade C-
 - SPAN-S408Survey of Spanish Literature II(3 cr. hrs.)
 - minimum grade C-
 - SPAN-S411Spain: The Cultural Context(3 cr. hrs.)
 - minimum grade C-
- History & Philosophy (choose one course)
- HIST-H103Europe: Renaissance to Napoleon(3 cr. hrs.)
 - minimum grade C-
 - HIST-H104Europe: Napoleon to the Present(3 cr. hrs.)
 - minimum grade C-
 - HIST-H206Medieval Civilization(3 cr. hrs.)
 - minimum grade C-
 - HIST-B312History of the European City in the MODern Era(3 cr. hrs.)
 - minimum grade C-
 - HIST-D310Russian Revolutions and the Soviet Regime(3 cr. hrs.)
 - minimum grade C-
 - HIST-D330Eastern Europe 1944-Present(3 cr. hrs.)
 - minimum grade C-

- PHIL-P304Nineteenth-Century Philosophy(3 cr. hrs.)
 - minimum grade C-
 - REL-R152Jews, Christians, & Muslims(3 cr. hrs.)
 - minimum grade C-
- Politics & Geography (choose one course)
- POLS-Y335West European Politics(3 cr. hrs.)
 - minimum grade C-
 - POLS-Y349Comparative Public Policy(3 cr. hrs.)
 - minimum grade C-
 - POLS-Y350Politics of the European Union(3 cr. hrs.)
 - minimum grade C-
 - POLS-Y354Nationalism in Europe(3 cr. hrs.)
 - minimum grade C-
 - GEOG-G418Historical Geography(3 cr. hrs.)
 - minimum grade C-

Elective (choose one additional course from any area listed above or complete a Study Abroad in Europe. Study Abroad in Europe is strongly encouraged.)3C-

* Please note that other appropriate courses may be offered and substituted subject to approval.

Post-Baccalaureate Certificate in International Affairs

Description

The Post-Baccalaureate Certificate in International Affairs is intended to give students an understanding of international issues today, offering insights into cultural, social, political, historical, geographic, and economic variables essential to appreciating an increasingly globalized world, as well as a basic introduction to one foreign language.

Certificate Requirements

The certificate requires 15 hours, with a minimum cumulative G.P.A. of 2.0. Students must complete POLS-Y376 or Y333, GEOG-G201, POLS-Y109 or Y107, HIST-H101, and one elective from the International Studies curriculum. Students are strongly encouraged to complete a Study Abroad to satisfy the 3 credit hour elective requirement.

* No more than two courses below the 200-level will count toward the certificate.

Complete each course listed below

- POLS-Y or POLS-Y376 or 333International Political Economy or International Economics(3 cr. hrs.)
 - minimum grade C-
- GEOG-G201 World Regional Geography (3 cr. hrs.)
 - minimum grade C-
- POLS-Y or POLS-Y109 or 107Intro. to International Relations or Intro. to Comparative Politics(3 cr. hrs.)
 - minimum grade C-

- HIST-H101The World in the 20th Century(3 cr. hrs.)
 - minimum grade C-

Choose one elective from the International Studies curriculum or complete a Study Abroad3C-

Post-Baccalaureate Certificate in Latin American Affairs

Description

The Post-Baccalaureate Certificate in Latin American Affairs is intended to give students an understanding of Latin American societies today, offering insights into cultural, social, political, historical, geographic, and economic variables essential to appreciating Latin American societies, as well as a basic introduction to one Latin American language.

Certificate Requirements

The certificate requires 15-16 hours, with a minimum cumulative G.P.A. of 2.0. Students must complete one course from each of the 4 areas (12-13 credit hours): Language, Culture, History & Philosophy, and Politics & Geography. Students choose one additional course from one of the 4 areas or may complete a Study Abroad in Latin America for a minimum of 3 credit hours. Study Abroad in Latin America is strongly recommended.

* No more than two courses below the 200-level will count toward the certificate.

Language

- SPAN-S varies Students will take 1 language course in Spanish. Specific course will depend on student performance on a placement test (3-4 cr. hrs.)
 - minimum grade C-

Culture (choose one course)

- FINA-A150Africa, New World, & Oceanic Art(3 cr. hrs.)
 - minimum grade C-
- FINA-A452 Art of Pre-Columbian America (3 cr. hrs.)
 - minimum grade C-
- SPAN-S275Hispanic Culture and Conversation(3 cr. hrs.)
 - minimum grade C-
- SPAN-S301The Hispanic World I(3 cr. hrs.)
 - minimum grade C-
- SPAN-S302The Hispanic World II(3 cr. hrs.)
 - minimum grade C-
- SPAN-S363Introduccion a la Cultura Hispanica(3 cr. hrs.)
 - minimum grade C-
- SPAN-S471Survey of Spanish American Literature I(3 cr. hrs.)
 - minimum grade C-
- SPAN-S472Survey of Spanish American Literature II(3 cr. hrs.)
 - minimum grade C-

History & Philosophy (choose one course)

- HIST-F100Issues in Latin American History: Introduction(3 cr. hrs.)
 - minimum grade C-
 - HIST-F341Latin America: Conquest and Empire(3 cr. hrs.)
 - minimum grade C-
 - HIST-F342Latin America: Evolution and Revolution(3 cr. hrs.)
 - minimum grade C-
 - HIST-H231Women, Men, and Family in History(3 cr. hrs.)
 - minimum grade C-
 - HIST-F232Upheaval in 20th-Century Latin America(3 cr. hrs.)
 - minimum grade C-
 - SPAN-S412Spanish America: The Cultural Context(3 cr. hrs.)
 - minimum grade C-
- Politics & Geography (choose one course)
- POLS-Y337Latin American Politics(3 cr. hrs.)
 - minimum grade C-
 - GEOG-G323Geography of Latin America(3 cr. hrs.)
 - minimum grade C-

Elective (choose one additional course from any area listed above or complete a Study Abroad. Study Abroad in Latin America is strongly encouraged.)3C-

* Please note that other appropriate courses may be offered and substituted subject to approval.

Post-Baccalaureate Certificate in Public Sector Management

The primary target of this certificate is people who are either currently working in a governmental office (whether political or not), or who are seeking employment with the government and have not yet completed a college degree. Government employees face very different rules, constraints, and work situations than do private sector employees. This certificate will help provide public sector employees with the skills needed to face these challenges.

Student Learning Goals

The certificate is meant to help students develop skills that would be useful for working in government offices or non-profit agencies. These skills include written and oral communication skills, as well as skills in budgeting and managing personnel in a political environment, the making of public policy, and the legal environment in which government agencies operate.

Certificate Requirements

The certificate requires 15 hours, with a minimum cumulative G.P.A. of 2.0 to be awarded a certificate.

Core Program

- POLS-Y 103 Introduction to American Politics (3 cr. hrs.)
 - minimum grade C-

Certificate Specific Requirements

Students must successfully complete any four of the courses below:

- POLS-Y 302 Public Bureaucracy in Modern Society (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 303 Formation of Public Policy in the United States (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 306 State Politics in the United States (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 401 Topics in Political Science - Seminar in Grant Writing, cross listed with PSY-P 457 (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 402 Politics of the Budgetary Process (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 403 Legal Issues in Public Bureaucracy (3 cr. hrs.)
 - minimum grade C-
- POLS-Y 404 Political Issues in Public Personnel Management (3 cr. hrs.)
 - minimum grade C-

Metroversity

IU Southeast is a member of [Kentuckiana Metroversity, Inc.](#), a consortium of institutions of higher education in the Louisville metropolitan area. Member institutions include Bellarmine University, Ivy Tech Sellersburg, Jefferson Community and Technical College, Louisville Presbyterian Theological Seminary, Southern Baptist Theological Seminary, Spaulding University and University of Louisville.

Fulltime students at any Metroversity college or university can take up to two classes (up to 8 credit hours) as an undergraduate or one course (up to 4 credit hours) as a graduate student at another Metroversity school during the fall and spring semester. Students must be in good standing having earned a minimum of twelve hours at their home institution and a 2.0 GPA at the undergraduate level or 3.0 GPA at the graduate level to participate. An exception will be made for students enrolling in the ROTC program.

Purdue Polytechnic Institute

3000 Technology Avenue, New Albany
(Located at the southeast corner of the Charlestown Road and I-265 interchange)

Phone: (812) 206-8396 or (812) 206-8381

Fax: (812) 206-8295

Email: technewalbany@purdue.edu

<https://polytechnic.purdue.edu/new-albany>

- General Information
- Computer Graphics Technology (Bachelor of Science)
- Electrical Engineering Technology (Bachelor of Science)
- Mechanical Engineering Technology (Bachelor of Science)

- Organizational Leadership and Supervision (Bachelor of Science)

General Information

Purdue Polytechnic Institute, in partnership with Indiana University Southeast, offers four bachelor's degree programs at the Purdue Technology Center on Charlestown Road in New Albany. Purdue University bachelor's degrees can be earned in four majors: Computer Graphics Technology, Electrical Engineering Technology, Mechanical Engineering Technology, and Organizational Leadership and Supervision. All required coursework for these Purdue degrees can be completed in New Albany at the Purdue Technology Center and Indiana University Southeast.

These Purdue degree programs prepare engineering technologists and specialists who enter the workforce with significant hands-on experience, effective communication skills, and problem-solving abilities.

The program of instruction draws upon some of the technical theory requirements of the engineering profession but contains more courses in technical applications. Many of the courses involve laboratory work.

Principles and fundamentals emphasize applied engineering rather than theoretical engineering approaches in the use of rational processes in finding solutions to problems in industry.

The course material falls between the skilled crafts and engineering science, touching on both of these levels. The curriculum contains both practical and theory-oriented courses.

Purdue University diplomas are awarded, and Purdue University transcripts issued, with Bachelor of Science degrees in Computer Graphics Technology, Electrical Engineering Technology, Mechanical Engineering Technology, and Organizational Leadership and Supervision.

Computer Graphics Technology (Bachelor of Science)

[Computer Graphics Technology \(CGT\)](#) prepares visually oriented students for careers in creating and managing the production of computer graphics within a wide range of industries. Students work collaboratively in computer labs to master computer graphic techniques, concepts and management skills. Students generalize in applied computer graphics technology with a focus in multimedia and 3D animation.

Graduates are prepared to enter professions in marketing, education/training, engineering, entertainment, and communication. Graduates find employment in such positions as animator, 3D modeler, multimedia specialist, web developer, illustrator, or technical artist.

Degree requirements for the Purdue Bachelor of Science in CGT

Purdue Polytechnic Institute is making major revisions to all degree programs to include a new core curriculum. Please call (812) 206-8396 for current degree requirements.

Electrical Engineering Technology (Bachelor of Science)

The [Electrical Engineering Technology](#) program is a combination of courses in electricity, electronics, mathematics, science, and general education areas. The program is designed to prepare graduates for employment in research laboratories, electronic industries, and in any industry that uses electrical power or electronic controls.

The basic curriculum will provide the student with knowledge to work in the fields of communications electronics, industrial electronics, military electronics, computer electronics, automation, industrial controls, electronic servicing, electrical power, aviation electronics, and others.

Degree requirements for the Purdue Bachelor of Science in EET

Purdue College of Technology is making major revisions to all degree programs to include a new core curriculum. Please call (812) 206-8396 for current degree requirements.

Mechanical Engineering Technology (Bachelor of Science)

[Mechanical Engineering Technology](#) deals with the generation, transmission, and utilization of mechanical and fluid energy as well as the design and production of tools and manufactured items. This program is intended to prepare specialists in the development of machines and products, in production processes, in the installation/upgrade of machines, and in solving engineering problems.

Graduates of the program accept jobs as laboratory, production or design technicians, engineering aides, production engineering assistants, and technical sales representatives. With additional experience, promotion to positions such as manufacturing, production and maintenance engineers, production supervisors, machine and tool designers, technical buyers, production expeditors and cost estimators is possible.

Degree requirements for the Purdue Bachelor of Science in MET

Purdue College of Technology is making major revisions to all degree programs to include a new core curriculum. Please call (812) 206-8396 for current degree requirements.

Organizational Leadership and Supervision (Bachelor of Science)

The [Organizational Leadership & Supervision \(OLS\)](#) program is designed for people who wish to improve educationally and professionally through the development of broad-based supervisory, problem-solving, and communication skills. The program is a highly individualized, practical, people-oriented approach to the practice of supervision. It provides a long-term educational emphasis on real-world work concepts and principles of enlightened leadership, rather than a short-term supervisory approach.

Graduates are employed in various leadership and managerial positions in areas such as supervision, production control, quality control, process engineering, customer service, training and development, human resources management, technical sales, general management, and the military services. Students in this program design their own plan of study around their specific career goals.

Degree requirements for the Purdue Bachelor of Science in OLS

Purdue Polytechnic Institute is making major revisions to all degree programs to include a new core curriculum. Please call (812) 206-8396 for current degree requirements.

Reserve Officers Training Program

The educational program of Indiana University Southeast includes the Air Force (AFROTC) and Army (ROTC) Reserve Officers' Training Corps programs. Courses for IU Southeast students are held on the Belknap campus of the University of Louisville under the auspices of the Metroversity Program. This is a non-degree program

General Qualifications

Any student, regardless of sex, race, or ethnic background, is eligible for the AFROTC or ROTC if he or she is:

- a citizen of the United States (noncitizens may enroll but must obtain citizenship prior to their junior year)
- of sound physical condition
- of sound moral character
- able to complete all commissioning requirements before age 30 (may be waived to age 35)
- a full-time student

Air Force

Dougherty Hall University of Louisville

Phone: (502) 852-6576

If you are a full-time student, there is no cost for enrollment in the AFROTC program other than tuition of the university. The AFROTC furnishes uniforms and AFROTC textbooks. Veterans Affairs benefits may be continued while in the AFROTC program. Membership in a Reserve or National Guard Unit does not prevent enrollment in the AFROTC program. Married students are eligible.

AFROTC is designed to be a four-year program. However, the ROTC curriculum can be compressed in some cases allowing students to join as late as their sophomore year. Students in ROTC must enroll in the appropriate Aerospace Science courses. Freshmen and sophomores will enroll Aerospace Science A 101 and A 151 or A 201 and A 251. There is no other application procedure. Enrolling in these courses does not incur a military obligation. During the first two years, the student attends class for one hour and leadership laboratory for two hours each week, earning 2 credit hours per semester. After successfully completing the sophomore year and a four-week summer field training program, the

qualified cadet will gain entry into the Professional Officer Course.

Professional Officer Course (POC) is designed for juniors and seniors. Students must serve 4 semesters as a POC member in order to meet AFROTC requirements. As a POC member the student attends class three hours a week and leadership laboratory for three hours a week, earning 3 credit hours per semester. While a member of the POC, the cadet receives \$300-\$600 per month tax free each academic year and, in some cases, a full scholarship. Upon completion of degree that student will be commissioned as a Second Lieutenant in the United States Air Force.

Field training is offered during the summer months, normally between the sophomore and junior year, at Maxwell Air Force Base in Montgomery, Alabama. The major areas of study include officer training, aircraft orientation, career orientation, survival training, physical training, base functions, and Air Force environment. Travel to and from the encampment is paid, as well as all expenses for room and board. Additionally, the student is paid for the encampments.

Scholarships are available to highly qualified students. Scholarships cover full tuition, laboratory expenses, incidental fees, and books. Scholarship cadets also receive \$300-\$600 per month tax free. Students who are not on scholarship when they first enter college may qualify for a scholarship while attending college. Interested students should contact the AFROTC office at (502) 852-6576 or by e-mail at airforce@louisville.edu. Students may also visit the AFROTC offices in Dougherty Hall, University of Louisville, or the Web page.

Army

Room 209 Dougherty Hall

University of Louisville

Louisville, KY 40292

Phone: (502) 852-7902

The Army Reserve Officers' Training Corps (ROTC) program provides students in any academic discipline an opportunity to develop leadership and management skills and obtain a commission as a second lieutenant in the United States Army.

The Army ROTC program is traditionally a four-year program. The first two years of the program comprise the Basic Course. This includes classroom studies in such subjects as military history, leadership development, and national defense. Students may enroll in the first two years of the program without incurring any future military obligation (non-scholarship). ROTC books and uniforms are provided. In lieu of the Basic Course, students may qualify for the Advanced Course if they are prior service member and have completed basic training or attend Cadet Initial Entry Training during the summer before they begin their junior year.

The Upper Division ROTC classes are normally taken in the junior and senior years. Students contract with ROTC and receive a stipend of \$450-500 per academic month. Enrollment in the Upper Division will enable students to

continue to sharpen their management skills and teach new ROTC students the skills that have been learned in the Basic Course. Between the junior and senior years, students attend the ROTC Advanced Camp. Students who have completed the Army ROTC program will be ready to become commissioned officers in the U.S. Army upon graduation from college.

Army ROTC awards three and four-year National Scholarships to high school seniors and two and three-year campus-based scholarships that pay for tuition and fees, plus a \$600 per semester allowance for books and a monthly stipend of \$300Fr/350So/450Jr/500Sr. Students may also receive tuition-remission grants.

All Army ROTC courses are conducted at the University of Louisville, Belknap Campus, in Dougherty Hall. Contact the IU Southeast registrar for further guidance to sign up for this Metroversity program. Interested students should also contact the enrollment officer at the University of Louisville, (502) 852-7902, for the latest program information.

Schools

Indiana University Southeast has seven undergraduate degree-granting academic schools/divisions: School of Arts and Letters; School of Business; General Studies Degree Program; School of Education; School of Natural Sciences; School of Nursing; and School of Social Sciences. The Purdue School of Technology has a presence on the campus and also grants degrees from Purdue University.

Within the undergraduate schools/divisions are the academic departments, offering major and minor programs.

Degree Listings by School

- School of Arts & Letters
- School of Business
- School of Education
- School of Natural Sciences
- School of Nursing
- School of Social Sciences
- Purdue Polytechnic Institute

Policies

It is the student's responsibility to be aware of all academic regulations and degree requirements. All academic units establish certain academic requirements that must be met before a degree is granted. These regulations concern such matters as curricula and courses, specific credit hours required, majors and minors, and campus residence. Advisors, deans, and administrators will always help a student to become aware of these requirements, but the student is responsible for fulfilling them. At the end of the student's course of study, the faculty and Trustees of Indiana University vote upon the conferring of the degree. If requirements have not been satisfied, the degree will be withheld pending adequate fulfillment.

Absences

Class attendance is a predictor of successful completion of any course, and is required. Absences must be explained to the satisfaction of the instructor, who will decide whether missed assignments may be made up.

A student who is absent from the final examination and who has a passing grade up to that time may be given a grade of I (Incomplete) at the discretion of the instructor. The student must contact the instructor within two weeks of the examination date to schedule a make-up examination. Failure to do so may result in a failing grade being awarded in the course.

Academic Advising

Students who are new to IU Southeast and who have a declared major can expect to receive academic advising from a professional advisor in the School that offers his/her intended academic program. Professional advisors guide students through the more specific degree requirements associated with his/her School/Division. In most units, faculty assume advising responsibilities once students attain upper-level status, i.e., junior or senior. Faculty provide information about career and advanced study opportunities in their fields, as well as academic advising about their specific disciplines.

Students without a declared major will receive advising in the Advising Center for Exploratory Students (ACES). ACES advisors will guide students through an exploration process in order to best assist students in declaring an appropriate major.

Academic Bankruptcy

Undergraduate students who have not attended IU Southeast for at least two years, are pursuing their first bachelor's degree, and are returning to IU Southeast for the fall semester 1996 or later may request academic bankruptcy. Bankruptcy means that all grades earned during the term(s) in question will not be counted in the calculation of the program GPA. The grades will remain on the student's official transcript and will count in the IU GPA. Academic Bankruptcy may be requested for no more than two terms of IU Southeast course work. Two consecutive summer sessions may be considered a single academic term for purposes of this policy. The petition must be submitted during the first semester back at IU Southeast. This part of the Academic Bankruptcy Policy may be invoked only once in a student's academic career. Academic Bankruptcy Petition forms are available from your academic school or division.

For additional information or for updates to existing policy, visit www.ius.edu/registrar.

Adding/Dropping Courses

- Auditing (Noncredit Registration)
- Course Enrollment
- Dropping/Withdrawing from Courses
- Late Registrations and Course Additions
- Late Withdrawal Policy

Auditing (Noncredit Registration)

Some students may wish to enroll in a course without working for or expecting to receive formal credit. They may enroll as special audit students. New students must be eligible for admission. The application for admission, the application fee, and appropriate academic credentials are required. Students previously enrolled or concurrently enrolled in credit courses may enroll as auditors by informing registration personnel during the registration period or before the first class meeting. Changes from

audit to credit status are prohibited after the second week of classes (first week of classes in summer sessions), unless approved by the executive vice chancellor for academic affairs. Fees for audit courses are the same as for credit courses. Courses completed as audits will be entered on the student's transcript with an "NC" notation for "no credit" in place of a grade. The NC notation recorded for an audited course may not be changed subsequently to a regular grade for credit.

Course Enrollment

Registration is available online allowing admitted and current student to register via any device and from any location at their convenience.

Dropping/Withdrawing from Courses

Any student can drop one or more classes until the end of the ninth week of a semester or the fourth week of a summer session—commonly referred to as the "Last Day to Withdraw." (For courses meeting on nonstandard dates, completion of two-thirds of the session is the guideline for withdrawing from a course.)

- When a student drops a class (classes) prior to the first day of classes, the course is not listed on his/her academic record.
- When a student drops a class (classes) during the 100% refund period, the course is not listed on his/her official academic record.
- When a student drops one or more classes after the 100% refund period and before the "Last Day to Withdraw," a grade of "W" (Withdrawn) is recorded on the academic record for the class (classes).
- A student who stops attending without officially dropping the course will receive a grade of "F".

Late Registrations and Course Additions

During the time between the end of the first week of class and the end of all fee refund periods, students must have the permission of the instructor and/or program coordinator to add a class. Students can submit an E-Add (late add) request electronically via One.IU. After the end of all fee refund periods, a student cannot expect to be allowed to enroll in a course for the current semester. Any exceptions to this policy would be very extraordinary, well-documented circumstances only, and will require approval by the instructor, the dean of the school offering the course, and the executive vice chancellor for academic affairs. A student should not attend a course in which he or she is not officially enrolled. Doing so can be construed as an act of academic dishonesty or as a theft of services and could be subject to appropriate disciplinary or legal sanctions. Please see Student Central for payment options.

Late Withdrawal Policy and Practice

Students are generally expected to know when the last day to drop a class is and govern themselves accordingly. However, students who have extenuating circumstances such as an extended illness or equivalent distress that prevents them from completing their classes and that causes them to fail to meet the deadline for withdrawing with an automatic assignment of a non-punitive "W" grade

may request either a late drop or Late Withdrawal Petition from Student Central.

- Following the general withdrawal deadline, by the last day of classes for the term as stated in the academic calendar (before the start of the final exam period), students may request a late drop by securing the permission of the instructor and the dean/second level approver of the school offering the class via Late Drop/Add after 1st week via one.iu.edu).
- Once the final exam period for any term has begun, students may only submit a Petition for Late Withdrawal (obtained from the Office of the Registrar) to seek a non-punitive "W" in a course. The Executive Vice Chancellor for Academic Affairs alone decides on Late Withdrawal Petitions.
- The deadlines for filing a Late Withdrawal Petition are March 15 for the immediately preceding fall semester, September 1 for the immediately preceding spring semester, and November 1 for the immediately preceding summer session(s). Requests for late withdrawal from terms before the immediately prior term will be accepted at the sole discretion of the Executive Vice Chancellor of Academic Affairs. Petitions submitted after the deadlines may be summarily denied for untimeliness.
- A desire to avoid a low grade is not an acceptable reason for requesting a late withdrawal.
- Approval is not automatic and will be based on the criteria described in the policy. Students are expected to provide appropriate documentation to substantiate their reasons for seeking late withdrawal.
- A completed withdrawal form, if approved, will be dated and processed as of the date it was originally submitted by the student to Student Central.

Bad Weather

Normally Indiana University Southeast does not cancel classes due to bad weather. On those rare occasions when conditions indicate that a delay or a cancellation is necessary, an official announcement will be broadcast on local television stations and through IU Notify. The announcement will state that classes either will be delayed on the snow schedule listed as follows or will be cancelled for a specific period of time. On the snow schedule, only emergency personnel should report before the time indicated. Campus closing information is also available on the campus Web site and by calling (812) 941-2567.

Snow Schedule

Monday through Friday classes:

- 8 a.m. classes meet from 10 a.m. until 10:55 a.m.
 - 9:30 a.m. classes meet from 11 a.m. until 11:55 a.m.
 - 11 a.m. classes meet from 12 noon until 12:55 p.m.
- All other classes meet at regular times.

Saturday classes:

- Morning classes meet from 10 a.m. until 12 noon.
- Afternoon classes meet at regular times.

Off-campus classes:

- Off-campus classes meet according to those facilities' schedules.

Change of Major

Students without a declared major should continually work with his/her advisor in the Advising Center for Exploratory Students in identifying an appropriate major and taking preliminary coursework in that major. The advisors in the Advising Center for Exploratory Students will assist in declaring a major and updating electronic records.

An upper division student who wants to change majors or schools should contact the professional advisor of the school to which he or she wishes to transfer. If a student is uncertain as to an appropriate major, he or she should contact the Advising Center for Exploratory Students.

Credit Hours

Classification of Students

Class standing is based on the number of credit hours completed by the student as identified by the program cumulative statistics:

Freshman	1–29
Sophomore	30–59
Junior	60–89
Senior	90 or more
Graduate	students who have applied for and been accepted into a graduate degree program.

Course Load

Students who register for 12 or more credit hours in an academic term are regarded as full-time students. Students will not be permitted to enroll in more than 18 hours during a regular semester or more than 8 credit hours during a summer session without appropriate unit override approval.

Enrollment Status

Academic Session	Certification Status	Undergraduate Credits	Graduate Credits
All Terms	Full time	12 cr.	8 cr.
	3/4 time	9–11 cr.	6–7 cr.
	1/2 time	6–8 cr.	4–5 cr.

Policy and Guidelines for Determining Units of Academic Credit

A unit of academic credit is awarded to a student upon successful completion of an approved instructional course, or by the demonstrations of competency, demonstration of proficiency, or fulfillment of learning outcomes that is the equivalent to that provided by an approved instructional course.

Indiana University policy states that a 3-credit hour lecture class "shall meet for approximately 2,000 minutes, excluding the final examination period." IU Southeast guidelines require a 3-credit lecture class to meet for a minimum of 2,100 minutes, excluding the final examination period. The following guidelines are based on these standards, supplements by the federal requirement that the standards for award of a credit hour should include the expectation of an approximate 1:2 ratio of time spent in the classroom to time spent in study/preparation and

completion of outside class assignments for a traditional class format. The study/preparation times in this policy refer to the time required for a typical student to complete the study of and out-of-class work needed to receive a passing grade in the course or other academic activity, in the judgment of the appropriate faculty.

Emerging delivery methodologies may necessitate determining a unit of credit with non-time based methods.

These courses shall use demonstration of competency, demonstration of proficiency, or fulfillment of learning outcomes to insure these courses are equivalent to traditionally delivered courses.

The following minimum standards for a unit of academic credit may only be modified by an academic unit when necessary to fulfill requirements of an accreditation agency. If modification of the following standards is necessary, these standards should be treated as a minimum requirement for a unit of academic credit.

1. For instructional formats which are structured around time spent in class or other instructional activity, one unit of academic credit will be awarded on the basis of a total time commitment of 2100 minutes per academic term (not including any scheduled final exam period) spent in classroom, laboratory, studio, supervised field experience, or other forms of scheduled student/faculty interaction, and in study, preparation, and work on out-of-class assignments. For example, the standard 3-credit-hour lecture course will meet for 2100 minutes each semester with the expectation that the average student will also spend 4200 minutes in out-of-class study, preparation and work on assignments. For formats other than standard lecture courses, the ratio of scheduled time to out-of-class time will vary according to the instructional format and the judgment of the appropriate faculty as to the optimal mix of instructional activities to promote student learning.
2. For instructional formats that are not structured around time spent in class or other instructional activity, such as asynchronous delivery methods*, independent study, student teaching, internships, and student research, one unit of academic credit will be awarded on the basis of either:
 - demonstration of competency, demonstration of proficiency, or fulfillment of learning outcomes as judged by the appropriate faculty to be equivalent to a traditionally defined unit of credit, or
 - what is judged by the appropriate faculty to be equivalent to a total time commitment of 2100 minutes for an average student

*Asynchronous delivery methodologies include but are not limited to correspondence instruction, computer-based instruction, and courses combining differing delivery methodologies.

Enrollment and Degree Verification

The Office of the Registrar is the official certifying body for verification of academic record information to agencies responsible for loan deferments, insurance companies,

and other agencies that provide student benefits based on enrollment.

Indiana University Southeast has partnered with the National Student Clearinghouse to provide enrollment verification information for loan deferments and degree verification requests.

Acting as the university's agent, the National Student Clearinghouse data is based on official IU Southeast student records. Information about what has been shared with external agencies including lenders is available 24 hours a day, 7 days a week, 365 days a year from the National Student Clearinghouse Web site.

Academic record information, available for verification, may include prior and/or current enrollment, enrollment status (full-time, part-time), grades, GPA, and final degree conferral. Enrollment information is available for certification at the end of the 100% refund period for a particular term.

Enrollment cannot be certified for future terms even if a student has already registered for classes and paid for the term. Enrollments cannot be verified until after the first week of classes.

Current students who simply want an unofficial copy of their course schedule or transcript may obtain one without charge through One.IU.

Facility Usage

The Trustees of Indiana University reserve the right to control the use of university facilities to ensure that events conducted therein are compatible with the mission of the university. The university will at all times seek to offer to students and faculty groups opportunities to meet, hear, and exchange ideas and views, however controversial, but it does not license and will not tolerate what is illegal. For the purposes of this policy statement, the term "facilities" shall include grounds owned by the university as well as non-residential buildings and structures that are on university property. Groups wishing to reserve space in the IU Southeast lodges should contact the Office of Residence Life and Housing for amenities, rates and fees, policies and availability. Space is generally only available for use when classes are not in session.

University-related individuals or groups wishing to reserve university facilities should contact the Office of Conference and Dining Services by calling 812-941-2150. Three rate structures are in effect: university, nonprofit, and profit. Costs may be obtained from the Conference and Dining Office.

In those cases where a university-related group or office wishes to use a university facility for an income-producing event, specific authorization for the event must be obtained from the manager of conference and dining services. A facility usage fee may be charged for the event.

Individuals and groups who are not university-related but wish to reserve a university facility should contact the Conference and Dining Office in University Center. A charge will be assessed in accordance with a schedule of facility fees on file in the conference and dining office.

The university does not normally make its facilities available for income-producing purposes if the funds

are designed to enrich an individual, organization, or commercial sponsor. Non-university-related individuals or organizations wishing to use a university facility for income-producing purposes must write to the Conference and Dining office, setting forth the nature of the income-producing activity and its purposes.

Note:

All requests for the use of university facilities should be made in writing and should be submitted not less than five working days before the scheduled event. Time, place, and manner may be restricted. Questions regarding this policy may be directed to the conference and dining services office. Groups requesting overnight accommodations in University lodges must complete appropriate paperwork, agreements, and pre-payments no less than 30 days prior to their arrival on campus. Questions regarding lodge facility use and summer conference accommodations may be directed to the Office of Residence Life and Housing.

Charges will be assessed in accordance with a schedule of facility fees on file in the manager's office. The university catering service will provide for all food and beverage needs for any event held in university facilities. Sponsors of any activity requiring any type of food or beverage must make arrangements through Conference and Dining Services in the University Center. Any exceptions to this policy must be approved by the Conference and Dining office. Possession or use of alcoholic beverages on university property is permitted by authorization only. The university reserves the right to reject any and all applications for the use of facilities. Further, the university reserves the right to make adjustments in confirmed reservations for facilities when such action becomes necessary.

Grading System

- All Possible Grades Awarded
- Credit Earned by Examination (S/A)
- GPA and Credit Hour Calculations
- Grade Appeals Process
- Grade Point Average
- Grade Replacement Policy
- Incompletes (I)
- Pass/Fail Option (P/F)

All Possible Grades Awarded

Standard Letter Grading—used in GPA calculation

Grade	Points
A+	4.0 (highest passing grade)
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
C-	1.7
D+	1.3

D	1.0
D-	0.7 (lowest passing grade)
F	0.0 (failing grade)
FN	Given to those students whose lack of attendance is the basis for a failing grade; last date of attendance will be required; will appear on transcript as F.
FNN	Given to those students who never attended the class; will appear on transcript as F.

Passing Grades—not used in GPA calculation

Grade	Description
P	Pass
S	Satisfactory

Non Standard Grading—not used in GPA calculation

Grade	Description
I	Incomplete
R	Deferred Grade (For courses which may not be completed in one term)
NC	Course taken on an Audit basis (No Credit)
NR	Grade not yet submitted by the instructor. After instructor submittal, the true grade will replace the NR.
NY	Signifies enrollment in a special program for which credit earned will be recorded when completed. Typically used for courses taken under Study Abroad program

Withdrew from courses—not used in GPA calculation

Grade	Description
W	Withdrew after the first week of classes. Grade will appear on transcript

Credit Earned by Examination (S/A)

Academic departments at IUS, on a case-by-case basis, may grant students course credit based on demonstration of proficiency in a particular discipline. A personal skill, talent, job experience, or other experiential based proficiency may be considered in the evaluation process.

Each department establishes the appropriate academic standards and methods of evaluation. In general, students may be required to sit for an exam, complete an assignment, audition, or provide a portfolio to establish their level of skill. Some departments also may require

that a student take additional, typically more advanced, courses in the discipline before awarding the introductory or lower level credit.

In other cases, instead of processing as special credit, the department may simply waive the requirement that the student take that specific course. However, overall degree requirements (total hours) remain, and students complete another course in order to satisfy the overall requirements. For more information, contact your school advisor.

Departments generally grade the work "S" for Satisfactory or choose not to award special credit. In exceptional circumstances, an "A" may be awarded if it is deemed outstanding.

If special credit is to be awarded, the department awarding the credit will submit a special credit request electronically. The Bursar's office and the student will be notified. The credit is posted to the student's academic record by the Registrar's Office only after the recording fee is paid. Check your Student Center via One.IU to verify the posting of the grade.

Special Credit appears on the transcript for the semester it was awarded. The heading "Indiana University Special Credit" accompanies the course information and grade.

Unprocessed Special Credit forms expire 120 days from the date of issue.

GPA and Credit Hour Calculations

Only courses with grades of A+ through D- and F are used in calculating a Grade Point Average (GPA). P and S grades are passing grades in completed courses, but are not used in calculation of a GPA. Courses taken at other non-IU institutions are not used in calculating the IU GPA.

A student's grade point average (GPA) is determined by dividing the sum of all grade points earned by the sum of all credit hours attempted. Note that only Indiana University courses, regardless of the campus where they were taken, are counted in the GPA. To calculate grade points, multiply the credit hours for each course by the numerical equivalent of the grade.

A minimum program cumulative GPA of 2.0 is required for graduation. See specific degree program requirements for more detailed information. Students are considered to be in good standing if they are maintaining an overall GPA of 2.0 (C) or higher.

Grade Appeals Process

The grade assigned by the course Instructor at the end of a term is the student's grade for that course. Only in exceptional cases will this final grade be changed. Such requests are normally initiated by the instructor to correct an error in the calculation or recording of a grade.

If a student disputes his/her final course grade, the following process, which occurs within the School that offered the course, applies. The only valid reasons for requesting consideration of a grade change are:

1. Miscalculation of grade (human error)
2. Procedural error (e.g., failure to follow announced grading procedures)
3. Non-academic reasons (e.g., discrimination that is banned by University policy)

Grade Change Request Process

1. The student must discuss the matter with the Instructor within 14 calendar days of the start of the next academic term (including summer sessions). In the event that the faculty member does not respond within 14 calendar days, the student should proceed to step 2. After discussing the matter with the student, the Instructor must inform the student of his or her decision in 14 calendar days.
2. If the issue is not resolved to the student's satisfaction, the student submits a Grade Change Request form (appeal) to the Office of the Dean of the School that oversees the course within 7 calendar days of being informed of the Instructor's decision. This form may be obtained at Student Central.
3. If the school-based review process cannot resolve the matter, the student and the Dean will be informed, and the Dean will initiate a review of the student's request. As part of this review, the Dean will discuss the appeal request with the student, the Instructor and/or the Program Coordinator. In an appeal to the Dean, the burden of proof rests with the student.
4. The Dean must notify the student in writing of the outcome/decision (within 14 calendar days of the beginning of the review by the Dean). The Dean's decision is final.

Time Limitations

- Exceptions to the specified time limitations will only be considered in an extremely serious and documented circumstance (e.g., prolonged hospitalization, military deployment) that literally prevented the student from filing the petition or the faculty member from responding within the stated time period.
- The total review process from faculty-student discussion to final outcome should take no longer than 45 calendar days.

Grade Point Average

The grade point average is reported in two ways:

- As the semester gpa, which is the calculation of all grades received in a single semester.
- As the cumulative gpa, which is the calculation of all grades received while an undergraduate or a graduate student at the university.

If the student enrolled at more than one IU campus during an academic career, the cumulative GPA would reflect the student's Indiana University GPA, and not separate it by campus. Separate GPAs are calculated for undergraduate work and for graduate work, so if the student pursued both an undergraduate degree and a graduate degree at IU, the GPA's would be calculated separately and both would appear on the transcript.

Grade Replacement Policy

With approval from the student's dean, an undergraduate student may repeat a course in which he or she received a grade of A, B, C, D, or F (including plus/minus grades) and have only the new grade (A, B, C, D, or F, including pluses/minuses) count in determining the student's grade

point average. The former course and grade will remain on the transcript with an appropriate notation.

Note: A grade of W or I in a repeated course will not qualify to remove the original grade.

The grade replacement policy is subject to the following restrictions: (1) the option to replace grades of A, B, C, or D applies only to courses taken since the fall semester, 1996; (2) students must notify their school or division during the semester in which the course is retaken if they plan to repeat a course to replace a grade, and once such a request is submitted, it cannot be withdrawn; (3) a student may exercise this option for no more than five (5) undergraduate courses totaling no more than 15 credit hours, including any courses replaced under the previous FX policy; (4) a student may use the replacement policy only twice for a given course; (5) academic units retain the right to consider a student's complete academic record for purposes of admission to an academic program or selection for awards; and (6) grade replacement is available for courses taken at any Indiana University campus; however, this policy affects computation of GPA only for courses taken at IU Southeast; student records from other campuses will reflect their grade replacement policies.

For more detailed information on the grade replacement policy, contact Student Central.

Incompletes (I)

The grade of I (Incomplete) indicates that the student has satisfactorily completed the major portion of a course but is prevented by extraordinary circumstances from completing the balance of the course. The grade of I will be given only if the instructor has sufficient reason to believe that the failure to complete the requirements of the course was beyond the student's control and that it would be unjust to hold the student to the time limits normally fixed for completion of the required assignments. The grade of I will not be awarded simply to exempt a student from paying tuition for a repeated course.

If the instructor does not otherwise act to remove the I within 12 months, the registrar will automatically change the I to an F. Both the student and the instructor in whose course the student received the I will be notified of this change of grade.

Pass/Fail Option (P/F)

Any undergraduate student in good academic standing (not on probation) may enroll during the junior and senior years (after 60 or more credit hours) in a maximum of four elective courses to be taken with a grade of P (Pass) or F (Fail). The Pass/Fail option is open for a maximum of two courses per year, including summer sessions. For this option, the year is defined as August 15 of one year to August 14 of the succeeding year. The course selected for the Pass/Fail option must be an elective, and it must not be a prerequisite course. It may not be used to satisfy any of the general education requirements, nor may it be counted as a part of the student's concentration area. The course or courses may be used to meet the 300- to 400-level course requirement.

As designated in the *Academic Handbook*, the grades of A, B, C, and D shall be considered as passing (P) under this option. Instructors will not be notified of those

registering for this option, but any Pass/Fail option choices will be transmitted to the Office of the Registrar, and the conversion of the instructor's grade into P or F will be made by the registrar.

In order to initiate the Pass/Fail option, students must consult their dean, who is responsible for determining the elective nature of the course and signing the required form. Students must file the completed form at Student Central, University Center South, Room 103. The Pass/Fail option must be selected within three weeks after enrollment during the regular academic semesters. In no case will the grades A, B, C, or D be substituted at a later time for those courses in which the student elected the Pass/Fail option. In computing the grade point average, the P grade will not be used; an F grade will be used.

Probation, Suspension, Readmission

The IU Southeast Undergraduate Academic Probation and Suspension Policy (APSP) is designed to inform students of academic performance expectations, provide a structure for consistent intervention when students are not performing well, and connect students with the staff and resources that can help facilitate their academic success. The APSP applies to undergraduate students only and takes precedence over qualification for student financial aid and/or maintaining student visa status. For more information about the policy, please consult the full APSP, located on the IU Southeast Registrar's home page (www.ius.edu/registrar).

1. A student is considered to be in good standing when maintaining an overall grade point average (GPA) of 2.0 (C) or higher. A student whose cumulative GPA falls below 2.0 (C) and who has attempted at least six credit hours of IU coursework, will be placed on academic probation.
2. When a student on academic probation raises his or her cumulative grade point average—for all work attempted at IU Southeast and elsewhere—to at least 2.0, the student is released from probation.
3. Students on academic probation who earn a 2.0 (C) semester Program GPA or higher, but still have below a 2.0 Program cumulative GPA are placed on continued academic probation.
4. When a student on academic probation fails to make a 2.0 semester Program GPA or higher in all attempted IU coursework during an academic semester, the student shall be academically suspended. Students fulfilling a first suspension are not eligible to take classes at IU Southeast for one semester; this includes both summer and fall semesters after a spring suspension.
5. After fulfilling the terms of a first suspension, a student may return to IU Southeast after meeting with an academic advisor or designated academic administrator.
6. A student who has been academically suspended once before and is still below a 2.0 cumulative Program GPA and who fails to earn a 2.0 semester Program GPA in a subsequent semester will be academically suspended for a second time.
7. After fulfilling the terms of a second academic suspension, a student may appeal for reinstatement to the dean of his/her School or a designated

academic administrator. Reinstatement after a second suspension is not guaranteed.

8. A student who has been academically suspended twice before and is still below a 2.0 cumulative Program GPA and who fails to earn a 2.0 semester Program GPA in a subsequent semester will be academically dismissed from IU Southeast.
9. Students who are dismissed are no longer eligible to take classes at IU Southeast and may not appeal for immediate reinstatement. In some justifiable circumstances and with approval from a student's dean, or a designated academic administrator, a student may return to IU Southeast after sitting out for two full years. Students must contact the Office of Admissions before returning. It is highly recommended that students wishing to pursue reinstatement at this point complete an academic bankruptcy and/or show proof of academic success at another college or university. If a student is allowed to return, he/she must earn a 2.0 semester Program GPA every semester from that point forward. Failure to do so will result in permanent dismissal.

Release of Information in Student Records

STUDENTS RIGHTS UNDER FERPA

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights include:

1. *The right to inspect and review the student's education records within 45 days of the day the University receives a request for access.*
2. *The right to request the amendment of the student's education records that the student believes are inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.* A student who wishes to ask the University to amend a record should write the University official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it should be changed. If the University decides not to amend the record as requested, the University will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.
3. *The right to provide written consent before the University discloses personally identifiable information from the student's education records, except to the extent that FERPA authorizes disclosure without consent.* The University discloses education records without a student's prior written consent under the FERPA exception for disclosure to school officials with legitimate educational interests. A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or entity with whom the University has contracted as its agent to provide a service instead of using University employees or officials (such as an attorney, auditor, or collection agent; the Indiana University Foundation and Indiana University Alumni Association; and vendors of services such as email or other electronic applications, enrollment verification, and so on); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibilities for the University. Upon request, the University may disclose education records without consent to officials of another school in which a student seeks or intends to enroll. Finally, "public information" may be released freely unless the student files the appropriate form requesting that certain public information not be released. This form is available at the Office of the Registrar. Public information is limited to name; address; e-mail address; phone; major field of study; dates of attendance; admission or enrollment status; campus; school, college, or division; class standing; degrees and awards; activities; sports; and athletic information.
4. *The right to file a complaint with the U.S. Department of Education concerning alleged failures by Indiana University to comply with the requirements of FERPA.* The name and address of the Office that administers FERPA is:

Family Policy Compliance

U.S. Department of Education

400 Maryland Avenue, SW 400

Washington, DC 20202-5901

(Approved: University Faculty Council 3/29/77; Amended 10/2/2001, Administrative Practice)

RELEASE OF STUDENT INFORMATION POLICY

In compliance with Section 438 of the "General Education Provisions Act" (as amended) entitled "Family Educational Rights and Privacy Act," the following constitutes the institution's policy which instructs the student in the procedures available to provide appropriate access to personal records, while protecting their confidentiality.

- Certain definitions and principles contained in the law and proposed guidelines are specifically adopted in the policy:
1. "Student" is defined as one who has attended or is attending Indiana University, and whose records are in the files of the University.
 2. "Educational records" do not include records retained by individuals which are not accessible to any other person except a substitute faculty/staff member.
 3. "Public information" is limited to name; address; e-mail address; phone; major field of study; dates of attendance; admission or enrollment status; campus; school, college, or division; class standing; degrees and awards; activities; sports; and athletic information. Records of arrests and/or convictions and traffic accident information are public information and may be released to anyone making inquiry.
 4. "Record" means any information or data recorded in any medium, including but not limited to:

handwriting, print, tapes, film, microfilm, microfiche, and electronic media.

- Public information shall be released freely unless the student files the appropriate form requesting that certain public information not be released. This form is available at: [See campus-specific documents for location.]
- All students have records in one or more of the following offices and maintained by the administrative officer listed: [See campus-specific documents for appropriate offices, locations, and officers for permanent record, school or college files, etc.]
- Some departments maintain records separate from the school or college. A list of departments which have separate records, their location, and person responsible for the record may be obtained from the office of the dean of the school or college in which the department is located.
- Students may also have records in the following places: [See campus-specific documents for a list of appropriate offices such as financial aid, bursar, placement and police.]
- The privacy of all records may be broken at a time of emergency defined in terms of the following considerations:
 1. The seriousness of the threat to health or safety
 2. The need for access to the record in meeting the emergency
 3. Whether the person requesting the records is in a position to deal with the emergency
 4. The extent to which time is of the essence in dealing with the emergency
- A student's record is open to the student, with the following exceptions:
 1. Confidential letters of recommendation placed in files prior to January 1, 1975
 2. Records of parents' financial status
 3. Employment records; see below
 4. Medical and psychological records; see below
 5. Some items of academic record under certain conditions; see below
- The employment records excluded from accessibility are kept in the normal course of business which relate exclusively to persons as employees and are not used for any other purposes.
- Medical and psychological records are presently governed by State Statute, Burns Indiana Statutes, 1971 Code Edition, 34-1-14-5 and 25-33-1-17 which rigidly protects their confidentiality. They are not available to anyone other than those providing treatment, but can be reviewed by a physician or appropriate professional of the student-patient's choice.
- To ensure the validity and confidentiality of references prepared off-campus and on-campus, certain documents may carry waivers, signed by the student relinquishing the right of access to the document.

Waivers are subject to the following conditions:

- Waivers can be signed only for the specific purposes of application for admission, candidacy for honor or honorary recognition (including financial aid based at least in part on merit), and candidacy for employment.
- Waivers cannot be required.
- The student shall be told, upon request, the names of those supplying references.

All items in the academic record not covered by waivers are open to the student. Material not covered by waivers may not be protected by keeping it out of the student's file.

- Student records are open to school officials who have a legitimate educational interest in their contents, except where access is prohibited by special policies such as those governing medical and psychological records.
1. A "school official" is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted (such as an attorney, auditor, or collection agent); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. Faculty members are considered to be advisors with a legitimate educational interest for all students currently enrolled in their classes or seeking enrollment, and others that they may be advising on an assigned basis.
 2. The determination of "a legitimate educational interest" will be made by the person responsible for the maintenance of the record. This determination must be made scrupulously and with respect for the individual whose records are involved.
 3. Academic documents inaccessible to students (because the documents have been filed before January 1, 1975 or are segregated by waivers) are to be used only for the purpose for which they were prepared.
 - The University has established the following procedures enabling the student to have access to his record and has provided for interpretation and challenge:
 1. The student may see his or her record by filling out a request form at the office where the record of interest is maintained.
 2. Access is to be granted promptly and no later than thirty days from the date of request.
 3. The student may make the request in person or by mail.
 4. The student may obtain copies upon request (for which the University may charge).
 5. The student may request and receive interpretation of his or her record from the person (or designee) responsible for the maintenance of the record.
 6. If the student considers the record faulty, he or she can request and receive an informal and/or formal

hearing of the case to the end that the record will be corrected if judged faulty or in violation of privacy:

- The informal hearing will be in conference with the person (or his or her designee) responsible for the maintenance of the record and-- where appropriate--the party or parties authoring the record segment in question.
- The student may request a formal hearing by obtaining from the Dean for Student Services' Office a request form on which he or she must designate the location of the record in question and a brief explanation of the reason for faulting the record. A panel of not fewer than ten Hearing Officers will be appointed by the chief administrative officer for each campus. The Dean for Student Services will forward a copy of the request to the person responsible for the record and will provide the student and the keeper of the record with three names of Hearing Officers. The parties (student and keeper of the record in challenge) shall each strike one name; the remaining Hearing Officer shall conduct an administrative hearing with both parties present.
- The hearing shall be held within a reasonable period of time; notice of the date, place, and time must be given reasonably in advance. The student shall be afforded a full and fair opportunity to present relevant evidence and may be assisted or represented by any person of his or her choosing (including an attorney at his or her own expense). A written decision based solely upon the evidence presented shall be prepared within a reasonable amount of time and shall include a summary of the evidence and the reasons for the decision. The judgment of the Hearing Officer shall be final, and the record shall be changed or retained as recommended.
- If the institution decides the information is accurate, it shall inform the student of his or her right to place in his or her educational record a statement commenting upon the information, and/or noting any reasons for disagreeing with the decision. Any statement of this sort shall be maintained as long as the student's educational record or contested portion is maintained; if the student's educational record or contested portion is disclosed to any party, the student's statement shall also be disclosed.
- Normally, records can be released--or access given--to third parties (i.e., anyone not a "school official") only at the written request of the student.

Without the consent of the student, releases to third parties may be given only as follows:

1. To parents of students who are dependents as defined by IRS standards.

2. To federal officers as prescribed by law.
3. As required by state law.
4. To research projects on behalf of educational agencies for test norms, improving instruction, etc. (provided that the agencies guarantee no personal identification of students)
5. To accrediting agencies carrying out their functions.
6. In response to a judicial order or lawfully issued subpoena (provided that the student is notified prior to compliance or provided that a reasonable attempt to notify the student has been made)
7. By IU police to other law enforcement agencies in the investigation of a specific criminal case.
 - A student may secure from the Registrar's Office a "consent form" authorizing the release of specified records to specific individuals.
 - A notification of releases made to third parties must be kept in the student's record. This notification is open only to the student and the person in charge of the record.
 - The third party must be informed that no further release of personally identifiable data is authorized without the written consent of the student.
- Nothing in this policy requires the continued maintenance of any student record. However, if under the terms of this policy a student has requested access to the record, no destruction of the record shall be made before access has been granted to the student. Persons in charge of records should ensure that only pertinent items are retained in student files.

(Approved: University Faculty Council 3/29/77; Amended 10/2/2001, Administrative Practice)

Transfer to Other Indiana University Campuses

Each year many Indiana University students transfer from one campus of the university to another to continue their studies toward a degree, or take advantage of another campus' offerings. Indiana University credits transferred from one campus to another will be evaluated and accepted in terms at least as favorable as credits transferred from other accredited institutions in the United States. Generally, students transferring to another campus within Indiana University are treated much more favorably because of the similarity of course work on the eight campuses.

Students who wish to transfer to another IU campus on a permanent or temporary basis should follow these two steps to trouble-free intercampus transfer:

Step One

Current students should contact the central office at their present campus. That office will help students find out if they are eligible for transfer and may suggest other resources and ways in which they can prepare, for example:

- Meet with a home campus advisor to discuss academic preparation, grades, and other eligibility issues.
- Consult the intercampus transfer office at the proposed new campus if academic and/or eligibility questions remain. Generally students need to be in good academic standing at their original campus to make a permanent transfer. To transfer temporarily, students need to be degree or credential seeking at their home campus.
- If applicable, talk to the financial aid offices at the present and proposed campuses.
- Visit the new campus to explore possible academic and social adjustment issues. Some campuses may establish special open house events for those students who have expressed interest or require attendance at special orientation programs.

Step Two

Students who decide to proceed with the transfer should submit their intercampus transfer request. The receiving campus will respond to students and their home campus. Those who later decide not to transfer should notify both campuses. The contact office for IU Southeast is the [Office of Admissions](#). The online applications for requesting an Intercampus Transfer are found at <http://www.iupui.edu/~moveiu/>.

Campus Life

IU Southeast, through the Office of Student Affairs, is committed to involving students in all aspects of student life.

Student Affairs at IU Southeast encompasses the areas of admissions, financial aid, orientation, campus life, residence life and housing, career services and internships, mentoring program, personal counseling services, the children's center, athletics and intramurals, volunteer programs, and non-traditional student programs.

These departments support the academic mission of IU Southeast and help the individual student to develop as a whole person. A significant amount of learning occurs outside the classroom, and Student Affairs facilitates that educational and personal development through diverse co-curricular programs and services designed to challenge and support students.

Athletics

IU Southeast is a member of the National Association of Intercollegiate Athletics (NAIA). The Grenadiers are also members of the River States Conference (RSC). Currently, seven IU Southeast sports teams compete in intercollegiate athletics— men's and women's basketball, baseball, men's and women's tennis, women's volleyball, and softball. IU Southeast students, faculty, and staff members with a valid CrimsonCard are admitted to all regular season home athletic contests at no charge. Complete athletic schedules can be accessed at IUS Athletics, the online home of IU Southeast Athletics.

Intramural activities are available to all IU Southeast students, faculty, and staff throughout the fall and spring semesters. Some activities are separate for men and

women, while others are coed. Some of the activities include basketball, softball, volleyball, kickball and flag football. For a current listing of activities, go to the [Intramurals](#) page.

Unstructured recreational activities are available free of charge to all students, faculty, and staff. During scheduled open recreation periods, the Activities Building is available for basketball, volleyball, weight lifting, jogging, etc. The fitness center offers both free weights and other types of fitness equipment. For further information, contact the Athletic Office at (812) 941-2432 or visit IUS Athletics.

Facilities include a 1,200-seat Activities Building that houses the Grenadier basketball teams, volleyball team, and a weight room/fitness center. The Koetter Sports Complex is an outdoor sports venue that houses the baseball, softball and tennis facilities.

Drug-Free Campus

The Drug-Free Schools and Communities Act Amendments of 1989, enacted by Congress as Public Law 101-226, require an institution of higher education to adopt and implement a program designed to prevent the unlawful possession, use or distribution of illicit drugs and alcohol by students and employees or be ineligible to receive federal funds or any other form of federal financial assistance.

All students are encouraged and cautioned to read the following information. Questions or comments should be addressed to the Dean of Student Life, University Center South 010, (812) 941-2316.

- Possession of Unlawful Drugs or Alcohol
- University Sanctions for Violation of Drug-Free Campus
- Applicable Legal Sanctions
- Description of Health Risks Associated with Alcohol and Controlled Substances (Drugs)
- Available Drug or Alcohol Treatment

Possession of Unlawful Drugs or Alcohol

The University may discipline a student for the following acts of personal misconduct (see NOTE below):

1. Unauthorized possession, use, or supplying alcoholic beverages to others contrary to law or university policy.

Indiana University prohibits:

- Public intoxication, use or possession of alcoholic beverages on university property (including any undergraduate residence supervised by the university, including fraternity and sorority houses) except as otherwise noted in the *IU Code of Student Rights, Responsibilities, and Conduct*, Part II, Section H (22) b and Part II, Section H (22) c.
- Providing alcohol contrary to law.

2. Unauthorized possession, manufacture, sale, distribution, or use of illegal drugs, any controlled substance, or drug paraphernalia. Being under the influence of illegal drugs or unauthorized controlled substances.

NOTE: Students should be advised that under Indiana Law, it is illegal for a minor which is defined as a "person

less than twenty-one years of age" to possess or consume an alcoholic beverage. Further, it is illegal for a minor to transport an alcoholic beverage (even if unopened) unless "accompanied by at least one parent or guardian."

University Sanctions for Violation of Drug-Free Campus

Violations of the provisions set forth in section "Possession of Unlawful Drugs or Alcohol" of the Drug-Free campus policy are considered "personal misconduct." The University may discipline a student for acts of personal misconduct that are not committed on University property if the acts relate to the security of the University community or the integrity of the educational process. The Vice Chancellor for Enrollment Management and Student Affairs and Judicial Officers are authorized to impose sanctions for acts of personal misconduct.

Sanctions in each case are made only after a meeting and a determination of responsibility. Sanctions will vary depending upon the nature and circumstances of the offense and the student's prior record. These standards require the usual sanction for drug dealing to be suspension or expulsion from the University. Residence Life and Housing has a "zero tolerance policy" for illegal drug use. Violation of that policy results in removal from student housing.

Campus disciplinary charges and criminal charges may both be filed for the same action. Students may be subject to sanction by both the campus and by the courts for the same action.

For more complete details of sanctions and the judicial process, refer to <http://www.ius.edu/dean-of-students/code-of-conduct/iu-southeast-code-procedures.php>. The IU Code of Student Rights, Responsibilities, and Conduct can be viewed at <http://studentcode.iu.edu/>.

Applicable Legal Sanctions

The following information concerns the criminal penalties that can be imposed by State or Federal statute for violations related to alcohol or illegal drug possession, use or distribution.

All students are reminded that conviction under state and federal laws that prohibit alcohol-related and drug-related conduct can result in fines, confiscation of automobiles and other property, and imprisonment. In addition, licenses to practice in certain professions may be revoked, and many employment opportunities may be barred.

It is impractical to list all the alcohol and drug-related state and federal crimes and penalties, but all persons should be aware that in Indiana any person under 21 who possesses an alcoholic beverage, and any person who provides alcohol to such person, is at risk of arrest.

A person convicted of driving while intoxicated may be punished by fine, be jailed and lose the license to drive an automobile. Any selling of alcoholic beverages without a license is illegal.

Possession, or use, distribution, or manufacture, of controlled substances (drugs) illegally can result in arrest and conviction or a drug law violation and

- fines up to \$10,000 (Indiana)
- fines up to \$250,000 (Federal)

- imprisonment up to life (Federal) and
- confiscation of property

Under Indiana's Lifeline Law, people younger than 21 years-old who are under the influence of alcohol will not be prosecuted for crimes such as possession, intoxication, or consumption of alcohol if they call 911 for medical help for another person or in case of sexual assault and cooperate with police.

Description of Health Risks Associated with Alcohol and Controlled Substances (Drugs)

All persons should be aware of the health risks caused by the use of alcohol, and by the illegal use of controlled substances (drugs).

- Consumption of more than two average servings of alcohol in several hours can impair coordination and reasoning to make driving unsafe.
- Consumption of alcohol by a pregnant woman can damage the unborn child. A pregnant woman should consult her physician about this risk.
- Regular and heavy alcohol consumption can cause serious damage to liver, nervous and circulatory system, mental disorders and other health problems.
- Drinking large amounts of alcohol in a short time may quickly produce unconsciousness, coma, and even death.

Use of controlled substances (drugs) can result in damage to health and impairment of physical condition, including:

- Impaired short term memory or comprehension
- Anxiety, delusions, hallucinations
- Loss of appetite resulting in a general damage to the user's health, over a long term
- A drug-dependent newborn if the mother is a drug user during pregnancy.
- AIDS, as a result of "needle-sharing" among drug users
- Death from overdose

Pregnant women who use alcohol, drugs, or who smoke should consult their physicians

The health risks associated with drugs or excessive use of alcohol are many and are different for different drugs, but all nonprescription use of drugs and excessive use of alcohol endangers your health. THERE ARE NO GOOD REASONS FOR USING A DRUG THAT IS NOT PRESCRIBED BY YOUR DOCTOR OR FOR DRINKING TO EXCESS.

Available Drug or Alcohol Treatment

Indiana University Southeast offers student counseling assistance through:

Personal Counseling Services

University Center South 243; PH (812) 941-2244

Hours: Monday through Friday 8:00 a.m. – 5:00 p.m.

Other hours by appointment

A partial listing of community resources includes:

WELLSTONE REGIONAL HOSPITAL

2700 Vissing Park Road
Jeffersonville, IN 47130
(812) 284-8000
877-999-9355
www.wellstonehospital.com

LIFESPRING MENTAL HEALTH SERVICES

404 Spring Street
Jeffersonville, IN 47130
(812) 280-2080

2820 Grant Line Road, Suite #10
New Albany, IN 47150
(812) 981-2594

535 Country Club Road
Corydon, IN 47112
(812) 738-2114

TURNING POINT CENTER (a division of LifeSpring)

1060 Sharon Drive
Jeffersonville, IN 47130
(812) 283-7116

OUR PLACE

Drug & Alcohol Education Services
400 East Spring Street
New Albany, IN 47150
(812) 945-3400

CENTER FOR LAY MINISTRIES - BLISS PROGRAM 213

E Maple Street
Jeffersonville, IN 47130

PARK VIEW PSYCHIATRIC & NEUROLOGY SERVICES

510 Spring Street
Jeffersonville, IN 47130
(812) 282-1888

SOUTHERN HILLS MENTAL HEALTH CENTER

523 North Main
P.O. Box 400
English, IN 47118

BAPTIST HOSPITAL EAST

Chemical Dependency & Family Recovery
4000 Kresge Way
Louisville, KY 40207
(502) 896-7105
800-478-1105
www.baptisteast.com

OUR LADY OF PEACE

2020 Newburg Road
Louisville, KY 40205
(502) 451-3330
800-451-3637

THE BROOK HOSPITAL - KMI

8521 LaGrange Road
Louisville, KY 40242
(502) 426-6380
800-866-8876

THE BROOK HOSPITAL – DUPONT

1405 Browns Lane
Louisville, KY 40207
(502) 896-0495
866-373-6085

Orientation

Orientation is dedicated to helping all new students feel welcomed and connected to their new environment at Indiana University Southeast. We want students to understand academic expectations and to seek support and resources from the campus community. Through participation in our events and programs, first-time or transfer students will be provided all tools necessary to have a successful transition to the intellectual, cultural, and social climate at IU Southeast. Campus tours, an introduction to academic majors, out-of-classroom involvement opportunities, support services, and campus resources are included in orientation. It also offers new students the chance to connect with faculty, staff, and other new and returning students. Family members are invited and encouraged to participate in orientation, since their support is crucial to the success of students entering IU Southeast.

Parking and Motor Vehicles

All IU Southeast students are eligible to purchase a ST parking permit. These permits give students access to all parking areas marked with red "Student Parking Permit" signs. Students must display a valid "ST" permit in their vehicle.

Faculty/Staff parking areas are marked with EM signs and are restricted to those vehicles displaying a valid "EM" permit. All full and part-time staff and faculty are eligible to purchase a EM parking permit.

Disabled parking spaces are clearly designated. Vehicles parking in these areas must display a valid IU Southeast "D" permit. In the event all Handicapped parking spaces are occupied, this permit also allows parking in either the EM or ST parking areas.

To obtain a IU Southeast D permit bring into the University Police Office (UC 027) a copy of your handicap registration with picture ID, a completed state of Indiana "Application for Disability Parking Placard or Disability Plate-State Form 42070" including signature by a certified Indiana physician or a state handicap placard with registration and picture ID.

Motorcycle parking permits are available at the University Police Office. *Motorcycles are not allowed to use the regular hanging parking permit.*

The permit dispensers near the campus entrances offer daily permits. Daily permits may also be purchased at the University Police Office.

Temporary permits allow you to park in the ST zone anytime or the EM zone after 6 p.m. and weekends.

Parking permits can be purchased by going to parking.iu.edu.

Residence Life and Housing

Meadow Lodge 103
Phone: (812) 941-2115
www.ius.edu/housing/

The Office of Residence Life and Housing creates living-learning environments committed to holistic student development, academic success, and civic engagement.

The department strives to provide safe, well-maintained, housing facilities that engage students in meaningful discourse and interaction while providing opportunities for personal growth and service to the community.

On-campus housing is provided through the Office of Residence Life and Housing. Approximately 400 students live on campus at IU Southeast in five lodges. Each lodge features full apartments with semi-private bathrooms, full kitchens, and common living spaces. Each lodge also features a central great room, a computer lab, free laundry facilities, vending machines, mail delivery, high-tech security access, and quiet study spaces. Students live in one, two, or four-bedroom apartments. Some bedrooms are double-occupancy while others are single occupancy. Housing fees include all utilities, cable television service, and high-speed Internet and wireless access.

Acceptance to the university does not guarantee housing to any student. Students and prospective students who want to live on campus should apply as early as possible to ensure the best possible consideration for housing. Assignments are made in the order in which completed applications (application submitted and the application fee paid) are received. Students who currently live on campus are assigned first, followed by new students. Short-term housing is available to visiting students and conference guests during the summer months at competitive rates.

More information about living on campus, including the Residence Hall Application and Contract and housing rates, may be found at www.ius.edu/housing.

Safety and Security

Indiana University Police Department

The Indiana University Police Department is a fully empowered law enforcement agency. The department patrols the campus on a 24-hour basis. The office is located in University Center North, room 027, and the phone number is (812) 941-2400. Any criminal or suspicious activity and all vehicular accidents that occur on campus should be reported to 911 immediately. There are three types of emergency phones available across campus that will provide a direct line to the police department. There are yellow boxes in and around buildings, blue stanchions around the lodges, and silver boxes at the main entrance of each lodge.

Emergency Response and Evacuation Procedures

IU Notify is the University Emergency Alert System. It is used to immediately notify the campus community upon the confirmation of a significant emergency or dangerous situation involving an immediate threat to the health or safety of students or employees occurring on the campus.

IU Notify sends updates (text, voice message, and email) to cell, home, and work phones, and email accounts that are registered with the IU Notify system. A test of the IU Notify Emergency Notification System is conducted at least once per calendar year.

University police will confirm the significant emergency or dangerous situation involving an immediate threat to the health or safety of students or employees on campus.

The chief of police (or designee) depending on the situation and when time permits will consult with the vice chancellor for Administrative Affairs, Enrollment Management and Student Affairs, or Academic Affairs to make the decision whether a significant emergency

exists, which segment of the campus community will be notified, and the content of the notification. The emergency notification will be made without delay for the safety of the campus community unless issuing a notification will, in professional judgment of the University Police, compromise the efforts to assist a victim or to contain, respond to, or otherwise mitigate the emergency.

The emergency notification will be sent by the University Police. Follow-up information will be provided to the University community as needed. If the emergency notification needs to be disseminated outside of the campus community, the telephone information line and communication with local news agencies will be used.

Fire drills are scheduled annually to test the evacuation procedures for buildings on campus.

Law Enforcement Authority

The IUPD employs sworn police officers, certified by the state of Indiana, and meet state mandated training requirements. These officers have full police powers as granted by the state of Indiana (IC 21-39-4), and have access to national and state law enforcement networks.

IUPD officers have primary jurisdiction on any real property owned or occupied by the university, including the streets passing through and adjacent to such property. In addition, these officers have the power to assist university officials in the enforcement of IU's rules and regulations.

Working Relationship with State and Local Enforcement Agencies

By resolution of the Indiana University Board of Trustees, university police are authorized to exercise police powers beyond the primary jurisdiction in certain circumstances.

The IUPD maintains a cooperative working relationship with municipal and county law enforcement agencies in the geographic areas in which campuses are located, as well as Indiana State Police and Federal agencies.

When investigating alleged criminal offenses, the IUPD cooperates with the appropriate law enforcement agencies and other criminal justice authorities.

These cooperative working relationships include:

- New Albany Police Department works closely with us and will assist us in response to criminal offenses when requested. There is not an MOU between the departments.
- Floyd County Sheriff's Office works closely with us and will assist us in response to criminal offenses when requested. There is not an MOU between the departments.
- Indiana State Police works closely with us and will assist us in response to criminal offenses when requested. There is not an MOU between the departments.

IUPD officers normally investigate all criminal offenses that occur in the IUPD's primary jurisdiction, and work with the staff of cooperating agencies when incidents arise that require joint investigative efforts, resources, crime-related reports, and exchanges of information. The officers of IUPD and cooperating agencies communicate regularly at the scene of incidents that occur in and around the campus. Meetings may be held between the IUPD and cooperating law enforcement agencies for purposes of sharing information, on both a formal and informal basis. Local and state police agencies provide back-up

assistance for any emergency that might require extensive police services. Any law enforcement officer may come onto campus at any time; just as IUPD officers have powers to arrest, city and state police can arrest students and visitors on campus for violations of law within their agencies' jurisdictions. In addition, the university has the responsibility of advising the appropriate authorities of violations of civil or criminal law committed by anyone on campus, either when a request for specific information is made or when there is a danger to life or property.

Sex Offenses

Prevention and Education Programs

IU offers educational programs to promote the awareness of rape, acquaintance rape, and other forcible and non-forcible sex offenses. These programs are offered through:

- IUPD-4201 Grant Line Rd, UC 027
- Dean of Student Life Office-4201 Grant Line Rd, UC 010
- University Personal Counseling Services-4201 Grant Line Rd, UC 207
- The Center for Women and Families 812-944-6743

Procedures for Victims

- **Get to a Safe Place as Soon as Possible.**
- **Preserve Physical Evidence** - In the case of sexual assault, it is particularly important to remember that it may be necessary to preserve evidence for use in court or in university disciplinary proceedings. Do not change your clothes, wash, douche, or use the toilet before seeking medical attention, as such activities may result in the loss of evidence.
- **Contact the Police** - If you are the victim of sexual assault, get help as soon as possible. Report the assault immediately by calling the IUPD at 812-941-2400 or coming to the police department, located at 4201 Grant Line Rd, New Albany, IN 47150 in person.
- **Get Medical Attention** - Victims of sexual assault should seek medical attention as soon as possible. This is necessary to mitigate the risk of sexually transmitted diseases or pregnancy and to determine the existence or extent of, and to treat, any physical injury. Additionally, medical personnel will obtain evidence to help in the investigation. Not seeking medical attention could have physical and emotional consequences. Victims of sexual violence may be eligible for certain services at no cost; the IUPD can provide victims with resources concerning health care cost and reporting to your insurance company, as stated in state laws. IUPD personnel will assist a victim with transportation to a hospital, if necessary. Some area hospitals have personnel who have been specially trained to deal with sexual assaults.

Reporting and Response Procedures

If you choose to report the incident to the IUPD, an officer will take a statement from you regarding what happened.

The officer will ask you to describe the assailant(s) and may ask questions about the scene of the crime, any witnesses, and what happened before and after the incident. If you wish, you may have a support person with you during the interview. **IMPORTANT:** Reporting an incident to the police is a separate step from choosing to prosecute. When you file a report, you are NOT obligated

to continue with legal proceedings or university disciplinary action. YOU can CHOOSE whether or not to participate in proceedings at any point.

There are numerous reasons to report sexual assault to the IUPD, including:

- Assisting the victim;
- Taking actions to prevent further victimization, including issuing a crime alert to warn the campus community of an impending threat to safety;
- Apprehending the assailant;
- Collection and preservation of evidence necessary for prosecution;
- Seeking justice for the wrong that has been done to the victim; and
- Having the incident recorded for purposes of reporting statistics about incidents that occurred on campus.

In the case of crimes not occurring on university property, IUPD personnel will also assist in contacting the appropriate law enforcement agency, at the victim's request.

Counseling Service

Victims may choose to seek assistance from the following on-campus resources:

- University Personal Counseling Services (812-941-2244) is located at 4201 Grant Line Rd, UC South Room 207. Counselors can provide confidential support for you during this difficult period. They can inform you of common emotional reactions and discuss coping methods that may assist you immediately following the assault and later. Talking about your concerns with a counselor in a safe and supportive environment may help you sort through your feelings and decide what to do. You do not need to disclose your name if you call the University Personal Counseling Center for information. Counselors will not reveal your identity to anyone without your permission. Students may be seen on an emergency walk-in basis or by appointment.
- Assistance and support for dealing with personal and academic issues is also available from the Dean of Student Life Office (4201 Grant Line Rd, UC Room 010, 812-941-2316)

Victims may also consult off-campus resources, including the Center for Women and Families (812-944-6743), which provides a confidential hotline at 877-803-7577, and advocacy services 24 hours a day, seven days a week.

University Disciplinary Procedures

If a sex offense involves another student, regardless of where the alleged offense occurred, the victim may request that disciplinary action be initiated within the university. The accuser and the accused are both entitled to the same opportunities to have others present during a disciplinary proceeding. The outcome of the proceedings will be provided to both the accuser and the accused. This may only include the final determination with respect to the alleged sex offense and any sanction that is imposed against the accused. The victim cannot be required to sign a nondisclosure agreement or to otherwise agree to a prohibition from discussing the case.

Notification of final results is made to both the victim and the accused, in the same manner and within the same time frame. Sanctions may include counseling, suspension, expulsion, or termination from the university.

More information concerning university procedures for disciplinary action is contained in the Code of Student Rights, Responsibilities and Conduct.

Student victims may also request changes in university classroom, academic, and/or living arrangements; these requests will be granted when such changes are reasonably available.

Sex and Violent Offender Registry

Effective January 1, 2003, Zachary's Law requires sheriff departments to jointly establish and maintain the Indiana Sheriff's Sex Offender Registry to provide detailed information about individuals who register as sex or violent offenders at Indiana sheriff departments (in Marion County, the Indianapolis Police Department). The purpose of the registry is to inform the general public about the identity, location, and appearance of sex and violent offenders who live, work, and study in Indiana. The registry can be found at the [Indiana Sheriffs'](#) website.

The state of Indiana also keeps a Sex and Violent Offender Directory. The [directory](#) can be accessed on the Internet.

Due to our close proximity to the state of Kentucky, the Sex/Criminal website can be accessed through [Kentucky sex offender registry](#). If you have any questions about these registries, please contact the IU Southeast Police Department at (812) 941-2400 or in person at University Center North, 027.

The National Sex Offender Public Website (NSOPW) is coordinated by the U.S. Department of Justice. The website "is a cooperative effort between jurisdictions hosting public sex offender registries ("Jurisdictions") and the federal government and is offered free of charge to the public. These Jurisdictions include the 50 states, U.S. Territories, the District of Columbia, and participating tribes. The Website provides an advanced search tool that allows a user to submit a single national query to obtain information about sex offenders; a listing of public registry Web sites by state, territory, and tribe; and information on sexual abuse education and prevention" (source: NSOPW).

In April 2012, Indiana University implemented policy PS-01, "Programs Involving Children." The policy requires that all faculty, staff, students, volunteers, and all others involved with applicable programs have been subject to a criminal background check and sex offender registry check within the last three years.

If you have any questions about these registries, please contact the IU Southeast Police department at ext. 2400 or stop by the office in UC 027.

Missing Student Notification

IU's policy is to thoroughly investigate all reports of missing persons, and to ensure that all missing person notifications are made promptly and in accordance with applicable state and federal law.

If a student who resides in on-campus housing is believed to be missing, this must be reported immediately to the IUPD. The IUPD will obtain a report and initiate an

investigation. If the IUPD determines that a student is missing and has been missing for more than 24 hours, the IUPD will notify local law enforcement and inform the student's designated contact person(s) no more than 24 hours after the student is determined to be missing. These procedures may be implemented in less than 24 hours if circumstances warrant.

In addition to identifying an emergency contact, any student who resides in on-campus housing facility may identify the same or different person to be contacted should the student be determined to be missing. If a student has identified such a person, the IUPD will notify that person no more than 24 hours after the student is determined to be missing. If the missing student is under the age of 18 and is not an emancipated person, the IUPD will notify the student's parent or legal guardian in addition to the students designated contact. This contact information will be registered confidentially, will be accessible only to authorized campus officials, and will not be disclosed outside of a need to further a missing student investigation. A student can register their missing student contact information by:

- Contacting Residence Life in Meadow Lodge Room 113

Information about the missing person will be entered into National Crime Information Center (NCIC) within two hours of being received by police. This information will also be sent to any police department near the location where the missing student was last seen, or any law enforcement agency to which the reporting party requests the information be sent, provided the officer considers the request to be reasonable.

First Aid

The University Police Department should be contacted immediately in the event of injury or illness. Limited first aid supplies are maintained by the department; and all officers and office staff are certified in first aid, CPR, and the use of AEDs. If an ambulance is required, the responsibility for payment of the ambulance costs belongs to the party requiring treatment.

Harassment

Forms of harassment including sexual harassment and harassment on the basis of race, color, sexual orientation, national origin, or religion are violations of university policy and various state and federal laws. IU Southeast values diversity and will not tolerate harassment. Women and men who believe they are victims of harassment or who believe others have been victimized are encouraged to report such incidents. IU Southeast will promptly investigate every complaint, respond, and take corrective action to stop the harassment. Investigations of these complaints will be conducted in a fair and thorough manner, which—to the extent possible—protects the privacy and reputation of both the complainant and the accused. To report harassment or to receive information regarding the definition of harassment and how it can be handled, consult the Office of Diversity located in Room 231 of University Center South; the telephone number is (812) 941-2306. Academic-related complaints about a faculty member should be reported to the dean of the school that offers the course or to the Academic

Affairs Office. A complete description of the IU Southeast Complaint Process is available [online](#).

Crime Prevention

Ongoing crime prevention efforts by IU Southeast include:

- emergency phone system
- 24-hour police patrol
- burglar alarms and surveillance cameras in key areas
- crime prevention and safety seminars presented to any group requesting presentations
- crime prevention and safety literature available at the university police office

The university police maintain a daily log of all crime and fire reports filed with the department. Copies of the IU Southeast Campus Security and Fire Safety Annual Report are available in the police office and may be requested by mail.

Student Government Association

The Student Government Association (SGA) includes an elected student body president, vice president, student senate of 24 members (18 elected in the spring and 6 reserved for the freshman class), and a five-seat judiciary branch headed by a chief justice and appointed by the president with confirmation from the senate. In addition, all students can be active in SGA by attending meetings and serving on committees.

The president of the student body serves as a nonvoting member of the IU Southeast Faculty Senate, a member of the IU University Students Association (AUSA), and on various other committees. The president is also responsible for maintaining communication between the faculty and administration and the Student Senate, as well as campus organizations and the student body in general. The president may approve or veto legislation of the Student Senate, and—subject to confirmation by the Student Senate and the appointment of the Chancellor—nominate student members to serve on campus committees that formulate campus policies. The president may also issue limited policy decisions by executive order or proclamation.

The Student Senate Chair, elected from the Student Senate, presides over the meetings of the Student Senate. The Student Senate provides communication between the student body and the administration and faculty. By resolution, it requests changes and makes recommendations to the administration and faculty concerning campus policies and procedures. Additionally, the Student Senate approves funding for events from the Student Government Association funds that provide the campus community with increased social, cultural, and educational opportunities.

The Student Court serves as the interpreters of the Student Body Constitution and spells out the duties, responsibilities, and authority of the members and officers of SGA. By holding open court sessions each month, the court also serves as a forum for student concerns and complaints.

Student ID (CrimsonCard)

Need your CrimsonCard?

Visit us at the CrimsonCard Desk of the UITS Support Center, University Center South, Room 212. All you need is a valid photo ID.

What is a CrimsonCard?

- Your official identification on campus
- Your library card
- Your secure access to residential halls
- Your printing and copying card
- Your identification to purchase and sell back books
- Your easy payment for on-campus and off-campus vendors

How to Add Funds to Your CrimsonCard:

- Go to the CrimsonCard website and add funds by selecting **"Make a Deposit"**

Lost or Stolen CrimsonCard?

- Go to the CrimsonCard website and deactivate your card under **"Manage Your ID Card"**, **"My ID Card"**, and then **"Deactivate"**
- Replacement cards are \$25.00

Visit the CrimsonCard website to also see a list of off campus vendors that accept the CrimsonCard, check balances, and set notifications. Contact CrimsonCard Services at (812) 941-2072 if you have any further questions.

Student Involvement and Organizations

The Office of Campus Life helps to educate students and build a strong community through out-of--classroom involvement on campus. Supporting student organizations, teaching about leadership, encouraging community service, planning and promoting events, offering special services for adult students and students with children, and orienting new students are the primary ways Campus Life educates students to become well-rounded, engaged citizens and successful, involved alumni.

More than 100 student organizations weave the colorful and diverse fabric of campus life. These include special interest and advocacy groups, student publications, Greek-letter social fraternities and sororities, student government, academic clubs and honor societies, performance ensembles, religious and non-religious groups, sports clubs, and intramurals. The Office of Campus Life assists students who want to organize a new student group and make their own contributions to a vibrant campus environment.

Organizations that want to use campus facilities and receive other support and services must register with the Office of Campus Life. This process includes filing a registration form along with the group's constitution, submitting a membership roster with IU Southeast students and a list of officers, identifying an advisor who is a member of the IU Southeast faculty or full-time staff, and setting up a MyInvolvement.ius.edu database account.

For more information on student involvement and student organizations, contact the Campus Life Office at (812) 941-2316.

Student Activity Fee

Financial support for many co-curricular activities comes from the Student Activity Fee, which all undergraduate and graduate students pay each semester. The amount is determined by the number of credit hours in which the student is enrolled.

Currently the organizations and programs receiving these funds include the Horizon, IU Southeast Literary Review, Student Government Association, Children's Center, Student Involvement, Student Planner, Student Program Council, Learning Enrichment Fund, Undergraduate and Graduate research journals, Athletics, Registered Student Organization Grant, Leadership Development, Family and Parent Programs, Cheerleaders, and Game Room.

Student Leadership Opportunities

The Office of Campus Life offers leadership development for students serving in leadership capacities on and off campus, and for those interested in being more involved, learn more about themselves and the community, and experience success. Programs and other resources are designed to educate students about varying leadership philosophies, strategies, and styles and to develop the practical skills of successful leaders. Leadership development benefits the campus community by training and supporting leaders of the student organizations that greatly enrich the institution. It also prepares students to be active citizens, productive employees, and involved alumni.

Student Ambassador Program

The Student Ambassador Program is an excellent opportunity for upper-level students to assert themselves in leadership positions while providing an important service to incoming students. Student ambassadors represent the university by leading tours, participating in open house events and maintaining contact with prospective students.

Orientation Leaders Program

Orientation leaders, a.k.a. the Crimson Crew, aid new students in their transition to college. They uphold the IU Southeast mission by exposing new students to the high-quality educational programs and services that promote student learning and prepare students for productive citizenship. They also assist family members by introducing them to university resources and areas of support for their student.

Student Rights, Responsibilities, and Conduct

It is important that students understand their rights and responsibilities. Copies of the Indiana University Code of Student Rights, Responsibilities, and Conduct are available from the Office of the Dean of Student Life, University Center South, room 010. It is also accessible online at <http://studentcode.iu.edu/>. Students are responsible for becoming acquainted with the regulations in this document, which covers such issues as academic dishonesty, grievance procedures, discrimination, and overall conduct.

Student Services

IU Southeast is a safe, social, technically advanced and easy-to-navigate campus, with a robust Code of Student Rights, Responsibilities and Conduct.

But there may be times when you want or need assistance. Whatever your request, we're ready to help you with a range of resources, including campus police and emergency response, academic tutoring, 24-7 computer and network tech support, personal counseling and more.

Adult Student Center

Adult Student Center

Director: Kim Pelle
Campus Office: US 206
Telephone: (812) 941-2650
<https://www.ius.edu/adult-students/index.php>

The Adult Student Center (ASC) provides programs, information, and support to nontraditional students and advocates to the campus at large for the unique needs of older students. The coordinator of the ASC works closely with the Non-Traditional Student Union (NTSU), a student organization that also supports and advocates for adult students at IU Southeast, and the Student Veterans Organization (SVO).

The Adult Student Center, located in University South, US 206, is open 24/7 and offers a "home away from home" where adult students can network, study with their peers, relax, meet friends, and find answers to their questions. Open to all IU Southeast students, the Adult Student Center offers a variety of academic, social and family programs and events, free local phone service, a scanner, computers, a microwave and refrigerator, soft seating, and good conversation. Contact the Adult Student Center at (812) 941-2650.

Career Development Center

Career Development Center

University Center South 106
Phone: (812) 941-2275
Fax: (812) 941-2557
<https://www.ius.edu/career/>

The Career Development Center provides students and alumni opportunities for career exploration and employment leading to productive citizenship contributing to the intellectual, cultural and economic development of the region.

- Career Guidance
- Professional Job Search
- Job Board
- Job Fairs
- Federal Work-Study Program
- Career Resources
- Internship Program

Career Guidance

Career coaches assist students in a variety of ways to help them choose their majors and investigate career options. Students have the option to take career interest inventories that suggest which careers match

students' interests, personalities, and skills. Talking with professionals in the "real world of work" through an informational interview or a job shadowing experience provides another way to gain valuable career information. We offer individual sessions as well as online resources for job search strategies, resume critiquing, and mock interviewing. An appointment may be made by visiting our website at www.ius.edu/career, by calling (812) 941-2275, or stopping by the office in University Center South Room 106.

Professional Job Search

Students seeking professional positions are encouraged to register with the Career Development Center to receive assistance with resume preparation, interviewing, and job search techniques. Numerous employers list job opportunities, which are posted on our online job board, CareerLink.

Each fall and spring semester, employers recruit on campus via formal interview, schedule positions, job fairs, information tables, and school-specific career days and events. Students and alumni are encouraged to review the list of upcoming events on the Career Development website, www.ius.edu/career.

Job Board

CareerLink is an online database of part-time hourly and work-study positions, internships, and full-time professional positions. This service is for all enrolled IU Southeast students and IU alumni. Students and alumni are encouraged to access their accounts online through the Career Development Center's website to utilize this resource.

Job Fairs

Job fairs are a major employment resource for college students and graduates. IU Southeast hosts multiple fairs each fall and spring semester.

The two major fairs are held in October and April each year and attract several employers from the region. These fairs are free and open to the public. Most employers are from the local area (50-mile radius of Louisville, Kentucky) and seek candidates for a wide variety of entry-level professional and full- and part-time positions. For a full list of all career fairs and events, including major-specific opportunities, visit the Career Development Center website at <https://www.ius.edu/career> and click on the Upcoming Events button.

Federal Work-Study Program

Students who qualify for the Federal Work-Study Program will be notified of their eligibility by the Office of Financial Aid. These students may apply for employment opportunities established especially for the Work-Study Program. Work study positions may be viewed online on the Career Development Center website under the Student Employment tab or by visiting the Career Development Center, US 106.

Career Resources

The Career Development Center utilizes a variety of career exploration tools, resources and assessments to assist students in the career planning process. Some of these resources are:

- Traitify is an online personality assessment that uses pictures to help you find out more about your personality type. Once you find out what your personality type is, the assessment will recommend possible career options, people you may enjoy working with, and what type of work environment you will thrive in.
- The "What Can I Do With This Major?" guide breaks down your major of interest into common career areas, employers and career planning strategies.
- The Strong Interest Inventory is a powerful resource utilized to help students make satisfying career decisions based on their interests.
- Candid Career is a premier provider of thousands of informational video interviews with real professionals through an easy-to-use website.

These licensed programs are available to all students, graduates, faculty and staff of IU Southeast and are easily accessed through the Career Development Center website, www.ius.edu/career.

Internship Program

The purpose of the IU Southeast Internship Program is to provide students with opportunities to apply classroom knowledge to real-world work environments. Internships are designed for sophomore, junior and senior students enrolled in bachelor's degree programs. Typically, these work assignments are for a minimum of 14 weeks and can be volunteer, full- or part-time positions. Internships can be paid or unpaid and can be taken for academic credit or for zero credit. Benefits from internship participation include an opportunity to test a career choice, gain confidence in one's abilities, develop professional skills, gain work experience and develop networking contacts for future employment opportunities. All internship assignments must be coordinated through the Career Development Center.

Center for Mentoring

Center for Mentoring

Director: June J. Huggins
 Campus Office: US 205
 Telephone: (812) 941-2516
 Fax: (812) 941-2542
 Email: mentorin@ius.edu
<http://www.ius.edu/mentoring>

The Center for Mentoring comprises the following:

- Mentoring Program
- Access To Success Program
- Collegiate Summer Institute
- Multicultural Initiatives

Mentoring Program

The Mentoring Program pairs students with university faculty, staff, and alumni mentors who can work with students from their first year of college on through graduation. Mentors are knowledgeable and experienced. They provide a personal connection, sense of belonging, guidance, support, and encouragement. One of the main goals of the mentoring relationship is to assist in the long-term success of students. Any student enrolled at IU Southeast can participate in the Mentoring Program.

Access To Success Program

The Access To Success Program is a one year program designed to successfully assist first year students in their transition to campus life at IU Southeast. Peer mentors provide one-on-one mentoring services for first generation, minority students, 21st Century Scholars, and adult learners.

Collegiate Summer Institute

The Collegiate Summer Institute (CSI) is a component of the Access To Success Program. CSI, which is held in July, is geared towards early college preparation for first year students who qualify. Students who successfully complete the Collegiate Summer Institute receive First Year Seminar credit.

Multicultural Initiatives

The Center for Mentoring sponsors events and programs to enhance retention of diverse students enrolled at IU Southeast. Programs provide opportunities for social integration to the campus community as well as encouragement for student engagement and academic success.

Children's Center

Children's Center

Director: Sally Eads
Campus Office: IU Southeast Children's Center
Telephone: (812) 941-2402
Email: saaeads@ius.edu
<https://www.ius.edu/childrens-learning-center/>

The Campus Learning Center provides quality year-round childcare and preschool/kindergarten for students, faculty, staff and community children three through eight years of age. We strive to help children promote healthy emotional, social, physical and cognitive growth and development by providing an active learning environment.

We believe and extensive research confirms that children learn through play, active exploration of their environment, concrete experiences and peer/adult interactions. We encourage children to develop to their full potential by the use of individual, small and whole group activities.

The Children's Learning Center facility is arranged into learning centers to encourage children to make individual choices. The Centers include: dramatic play, art and writing, math/manipulatives, science and sensory, social studies, language arts, library, blocks, computers, music, motor development and character development (STEM-science, technology, engineering, math) and outside learning/play area. For more information and/or to visit the facility, call (812) 941-2402.

Disability Services

Office of Disability Services

Director: Matthew Springer
Campus Office: US 207
Telephone: (812) 941-2243
Fax: (812) 941-2542
Email: mtspring@ius.edu
<https://www.ius.edu/disability-services/>

The Office of Disability Services (ODS) is dedicated to opening doors of equal opportunity to individuals with disabilities attending Indiana University Southeast. Students with documented disabilities are encouraged to make an appointment with the ODS coordinator to discuss any academic accommodations they may need in order to have access to their education as soon as possible; preferably before or directly after they have been admitted to the university. The ODS assists students with documented disabilities by determining their eligibility for services and then working with students and faculty to determine reasonable accommodations and services which will, in turn, give the student equal access to the university.

Services of this office are based on documented need and may include: preadmission consultation; testing accommodations; American Sign Language interpreters, and referrals to other campus and community resources. The student is responsible for timely providing ODS with current, comprehensive, and adequate documentation of the student's disability completed by a medical or psychological professional. Appropriate documentation is a necessary prerequisite for any academic modification or accommodation. Documentation guidelines are available on the ODS website, or can be provided by the ODS coordinator.

Foreign Language Laboratory

Foreign Language Laboratory

Director: Charles Pooser
Campus Office: KV 237
<https://www.ius.edu/arts-and-letters/programs/modern-languages/foreign-language-lab.php>

The Modern Language Resource Center is located in KV 237 and contains materials for students at all levels of language study. The center offers computers and a wide screen television for viewing films and other video materials, and a variety of cultural and language-learning resources. The center also serves as a dedicated space for the faculty of Modern Languages and other entities to host student gatherings, meetings, and student presentations. The Center is available during the hours that Knobview Hall is open, as long as nothing has been specifically scheduled for its use. Posted at the entrance is a schedule of the classes held in the center as well as special events and the hours that language tutors will be available. See any full-time member of the Modern Languages department for more information.

University Information Technology Services - UITS

University Information Technology Services

Executive Director: Nick Ray

Help Desk

Campus Office: US 212
Telephone: (812) 941-2447
Email: helpdesk@ius.edu

<https://www.ius.edu/it/>

IU Southeast provides a wide array of technology services to enrolled students:

- An IU computing account for access to e-mail and all services.
- One.IU - a one-stop shop for university services - to do everything from checking grades to paying a bill.
- Box at IU provides unlimited storage and collaboration space in the cloud.
- No-cost software by streaming popular titles from [IUanyWare](#) or downloading them from IUware.
- Both wired and wireless printing in all Student Technology Centers with [IU Print](#).
- No-cost tech skills workshops and video tutorials from [UITS IT Training](#).
- Tech support from the [UITS Support Center](#) and IU Knowledge Base, available 24 hours a day, 7 days a week.
- Access to online class resources through Canvas, the university's course management system.
- Comfortable study lounges for working individually or in collaborative groups. Use IU-provided touchscreen computers or bring your own devices.
- Access our wireless network that covers virtually the entire campus inside and out, including every campus residence lodge.
- More than 800 Windows and Mac workstations in Student Technology Centers (STCs), classrooms, and open locations;

Campus computing resources are state-of-the-art and can provide appropriate functionality for most instructional or resource needs. [Visit the UITS Web site](#) for details.

Library Services

Library Services

Director: C. Martin Rosen
Reference Desk: (812) 941-2489
Circulation Desk: (812) 941-2485
<https://www.ius.edu/library/>

In addition to holding over 600,000 books, the Library subscribes to dozens of full-text databases, and provides online access to more than a half million e-books, nearly 100,000 online journals, a wide array of streaming audio and video resources, large collections of digital images, and a selection of print periodicals and newspapers. The Library also houses several special collections, including, the Center for Cultural Resources, the Curriculum Materials Center, the IU Southeast Archives, the archives of the IUS Oral History Project, and those of Ars Femina, and the William L. Simon Sheet Music Collection. Additionally, the Library is a selective depository of U.S. Government Publications.

Reference service is available whenever the library is open, and the library offers a rich array of Web-based, full-text information resources, including thousands of online newspapers and scholarly journals. Student-centered, active-learning, and learning outcomes-based instruction sessions in information literacy and library research skills are offered upon request throughout the year.

The Indiana University libraries are linked through [IUCAT](#), a shared, Web-based catalog that furnishes access to more than 7,000,000 volumes in the IU library system and to library collections throughout the region. Access to these resources is also available from offices and

computer labs across campus as well as from remote sites via the library's Web site.

Through interlibrary loan, students, faculty, and staff at Indiana University Southeast have easy access to the research collections on the Bloomington and Indianapolis campuses and around the nation. In addition, the library collections of colleges and universities in the Louisville metropolitan area are made available through Kentuckiana Metroversity cooperative agreements.

Mathematics Laboratory

Math Resource Lab

Director: Delaine E. Cochran
Campus Office: PS 015
Telephone: (812) 941-2605

dcochran@ius.edu

<https://www.ius.edu/math-resource-lab/>

Mathematics Laboratory, in Physical Sciences 015, provides free walk in tutoring for students in all levels of mathematics classes. Students may sharpen their skills using both computer tutorials (coordinated to texts used in courses) and individual tutoring. For more information about the Mathematics Laboratory, please visit the Math Resource Lab website.

Office of Overseas Study

Study Abroad

Email: IntProgs@ius.edu

<https://www.ius.edu/international-programs/>

The IU Southeast Office of Study Abroad and Global Awareness (SAGA) mission is to increase the campus community's awareness, understanding, and appreciation of a wide variety of international cultures, practices, thoughts, and traditions.

The SAGA office offers campus wide support and implement on-and off-campus initiatives of multicultural and international scope. While this office works in tandem with various academic programs, it is primarily an administrative entity.

The co-directors of the office of Study Abroad and Global Initiatives (SAGA) oversee program development and curriculum matters related to overseas study programs, and work closely with the Office of Overseas Study at IU Bloomington.

The committee members advise and assist the co-directors in developing and promoting international activities and events at IUS.

The committee and co-directors actively support international students and organizations' efforts and assist the Admissions counselors and School advisors for High-

School and International Recruitment and Study Abroad programs and scholarships.

The office of Study Abroad and Global Awareness works closely with several administrative entities, including the IUS Academic Affairs Faculty Diversity Coordinator (Academy of Diversity and Inclusive Education), to coordinate various diversity initiatives, such as the International Education week (Fall), the Fair-trade Wares of the World (Fall), and the International Festival (Spring), provide faculty input to the overseas strategic planning process, actively promote multicultural awareness, and position IUS as a culturally inclusive campus in the Kentuckiana community.

Personal Counseling Services

Personal Counseling

Director: Michael Day, Psy.D., HSPP
 Counselor/Care Manager: Karen Richie, LCSW
 Campus Office: US 207
 Telephone: (812) 941-2244
 Email: micaday@ius.edu
<https://www.ius.edu/personal-counseling/>

The IU Southeast Personal Counseling Services provides a licensed and professionally trained staff that offers limited counseling and consultation free of charge to currently enrolled students. We can help students achieve their personal and academic goals by providing short-term therapeutic intervention for a variety of problems including anxiety, depression, relationship difficulties, sexuality concerns, etc., as well as social support services related to homelessness, poverty, lack of access to healthcare, and lack of access to food. We also offer consultations for students, parents, faculty and staff. Additional services include outreach and psychoeducational programming for classes, university departments/divisions, and student organizations.

If you hear of anyone who has thoughts, plans, or intentions to cause harm to him/ herself or someone else, please contact Personal Counseling at (812) 941-2244 or the IU Southeast Police at extension 2400.

For more information, please visit the Personal Counseling website.

Student Success Center

Student Success Center

Director: Ryan Norwood
 Testing Coordinator: Kristina Hickman
 Campus Office: US 203
 Telephone: (812) 941-2312
<https://www.ius.edu/ssc/>

The Student Success Center provides information and resources to help students improve their academic performance. The center provides assistance in the following:

- peer-tutoring for select 100- and 200-level courses
- Supplemental Instruction (SI) available in select courses

- study skills brochures and website tutorials
- placement in writing courses, mathematics, and modern languages
- testing accommodations for students with disabilities
- credit-by-examination opportunities
- professional certification exams
- test proctoring for independent-study and online examinations

Veterans' Benefits

Veteran Services

Certifying Officer: Jack Howell
 Campus Office: US 107
 Telephone: (812) 941-2535
 Email: howellj@ius.edu
<https://www.ius.edu/veterans/>

Veteran's benefits of several types are available to IU Southeast students. Our Veteran's Service Specialist/Certifying Officer assists students with completing forms and processing certifications. Popular programs administered through IUS include:

- **Chapter 30 - New Montgomery GI Bill**
- Eligible service personnel: Active - Army, Air Force, Navy, Marine Corps, Coast Guard
- **Chapter 31 - VA Vocational Rehabilitation (Voc Rehab)**
- Eligible service personnel: Active - Army, Air Force, Navy, Marine Corps, Coast Guard
- **Chapter 33 - Post 9/11 GI Bill/Yellow Ribbon School**
- Eligible service personnel: Military duty after 11 Sep 2001 for all Military service to include the Reserves or National Guard. Includes any transfer of Entitlement to Spouse and/or Child.
- **Chapter 35 - Survivors and Dependents Educational Assistance (DEA)**
- Eligible persons: Spouse or Dependent of a Disabled/ Deceased Veteran
- **Chapter 1606 - Military Reserve/Guardman**
- Eligible service personnel: Reservist or Guardsmen *any* service.

Statement of Policy and Practice

In compliance with 38 USC 3679(e) as amended by the Veteran's Benefits and Transition Act of 2018, IU Southeast allows covered individuals to attend or participate in the course of education beginning when it is scheduled to start per the published Schedule of Classes, without regard to whether they have presented a certificate of eligibility, statement of benefits, or VAF-28-1905. If certification to the Veteran's Administration (VA) reveals that an individual is not eligible for benefits either fully or partially, the Certifying Official works directly with the student and VA to resolve.

IU Southeast does not impose any penalty, such as late fees, denial of access to classes, libraries, or classrooms; or mandate that covered individuals borrow additional monies, because of covered persons inability to meet their financial obligations to the university due to delayed

disbursement of funds from the VA under Chapters 31 or 33.

The Writing Center

The Writing Center

Director: Leigh Ann Meyer
 Campus Office: KV 208
 Telephone: (812) 941-2498
 Email: iuswrite@ius.edu
 Website: <https://www.ius.edu/writing-center/>

Accounts (free): <http://www.ius.mycourseonline.com>

The mission of The Writing Center is to help all IU Southeast students to become stronger, more confident writers.

We offer students, faculty, and staff assistance in all areas of writing and during any stage of a writing project.

We are staffed with trained consultants from across many disciplines and subjects ready to engage in one-on-one conversations about writing concerns and questions.

Consultations are student driven, which means we make sure to address your concerns.

Check the web site for hours of availability and for information regarding many aspects of writing at IU Southeast, including writing resources, documentation styles, publishing, and competitions: <https://www.ius.edu/writing-center>.

Our web site also contains many other helpful tools: Chat now (synchronous) option, or e-mail a question, podcasts with basic writing advice and writing in specific disciplines, videos about The Writing Center services, citation guidelines, additional online resource links, and an abundance of information about anything that has to do with writing at IU Southeast.

We have four ways to help you with your writing assignments or questions:

1. Walk into KV 237 for help
2. Set up an account and schedule one of three types of appointments at <http://www.ius.mycourseonline.com>
 1. Schedule a face to face (F2F) appointment.
 2. Set up an tutoring appointment (similar to an email exchange).
 3. Set up an online appointment (similar to Skype).

To register for a Writing Center account or make an appointment visit: <http://www.ius.mycourseonline.com>

You can also register and make appointment from our IU Southeast Writing Center web site.

- You only have to create an account one time.
- Once you have an account, you are welcome to schedule appointments - although one is not required.

Stop by Knobview 237 or call us if you have questions or just want to get to know your Center.

Come and talk about writing with us early and often each semester. We look forward to seeing you soon.

Office of Equity and Diversity

Office of Equity & Diversity

Director: Darlene P. Young
 Title IX Deputy Coordinator
 University Center South, Room 231
 Phone: (812) 941-2599

<https://www.ius.edu/diversity/>

The Office of Equity and Diversity is committed and works hard to ensure compliance with federal, state and local laws, and with University equal employment opportunity, affirmative action, and student welfare policies. Academic Affairs, Student Affairs, and the Office of Equity and Diversity work together to build a foundation for a diverse university community through educational opportunities, programming, and events that raise awareness and foster respect for human difference.

The Office of Equity and Diversity also develops and facilitates training in the following areas: Workplace Diversity, Relationship Building, Leadership Development, Performance Management, Mediation, and Grievance Support.

Our mission is to provide the campus with the means to:

- Create a campus culture that is free from discrimination and harassment through the promotion of fair and equitable treatment for students, faculty and staff.
- Increase and retain diverse campus community members.
- Raise awareness of diversity through education, training, community outreach, and good faith hiring strategies.
- Provide consultation as an information resource and clearinghouse on campus equity, diversity and safety issues.

Courses

AFRO-A 249 African American Autobiography (3 cr.)

A survey of autobiographies written by black Americans in the last two centuries.

AFRO-A 379 Early Black American Writing (3 cr.)

An exploration of African American literature from its beginnings until the mid-to-late 1800's.

AFRO-A 380 Contemporary Black American Writing (3 cr.)

Study of texts (autobiography, memoir, fiction, poetry, drama, essay) written/published by contemporary African American authors.

AFRO-A 480 The Black Novel (3 cr.)

Study of the development of the African American novel from the Harlem Renaissance to the present.

AHLT-B 320 Global Health Delivery (3 cr.) This course is intended to give students an overview of the history, structure, and financing of systems of health care delivery of developed and emerging nations in comparison and contrast to that of the United States. Students

will understand the goals and challenges in achieving optimum health in these countries.

AHLT-B 371 Human Resources Management in Health Care (3 cr.) Management of human resources in the health care system including human resource planning and staffing, training and development, performance appraisal, job design and analysis, and compensation.

AHLT-C 150 Body Structure and Function (3 cr.)

Introduction to the basic structures and functions of the human body; fundamental anatomic terminology; relationships of clinical laboratory to diagnosis.

AHLT-M 101 INTRODUCTION TO HEALTH RECORDS (3 cr.)

Study of health record documentation, as they relate to various healthcare settings, organizational principles, and Information Governance initiatives. Development of systems and processes for collection, maintenance, and dissemination of health-related information. Study of the various uses of the data contained within the health record.

AHLT-M 102 Clinical Experience I (3 cr.) P: AHLT-M 109 with C or better. Lab fee required. This is an advanced healthcare documentation course that focuses on improving keyboarding and proofreading skills in the health care field with emphasis on production, speed, and accuracy. Course includes formatting, transcription of case studies, medical procedures in various specialties, operative reports and discharge summaries. This course is in the process of being changed to AHLT-M 394 (Healthcare Documentation Practicum).

AHLT-M 109 Medical Transcription Technology (3 cr.)

P: AHLT-M 195 and ENG-W 131 with C or better. Lab fee required. This is a beginning medical word processing and healthcare documentation course that includes both lecture and laboratory components. Lecture will cover the career and certification of a medical documentation specialist, punctuation, grammar, proofreading skills, and the content and format of various medical reports. The laboratory portion will focus on transcribing medical reports and correspondence of different specialties, proofreading the work, and making necessary corrections to produce a legible document. This course is in the process of being changed to AHLT-M 393 (Healthcare Documentation).

AHLT-M 195 Medical Terminology (3 cr.) The purpose of this course is to further develop a student's understanding of the study of the language of medicine, including word construction, definitions, spelling, and abbreviations with application to other healthcare courses. Emphasis on abbreviations, analyzing, words based on their root, prefix or suffix, as well as identifying common mistakes within medical terminology. This course is in the process of changing to AHLT-M 330 (Medical Terminology).

AHLT-M 330 Medical Terminology (3 cr.) This course is the study of the language of medicine, including word construction, definitions, spelling, and abbreviations. It provides a basic knowledge of anatomy and physiology, pathology, surgical procedures, laboratory and radiology procedures, and pharmacology. Greek and Latin prefixes, suffixes, word roots, and combining forms are presented. Emphasis is forming a foundation for a medical vocabulary

including definition, spelling, and pronunciation. Medical abbreviations, signs, and symbols are included.

AHLT-M 350 Med Science for Health Info I (3 cr.)

P: One science course for majors (AHLT, ANAT, CHEM, BIOL, MATH, or PHYS). This course will provide an introduction to pharmacology, the study of drugs. This course will introduce students to the most common drug classes and how these drugs are used in the treatment of disease. In particular, this course will focus on the mechanism of action of many drug classes, and aid students in the understanding of both the intended effects and the side effects of these drug classes.

AHLT-M 390 Coding I (3 cr.) P: AHLT-M 330 with a grade of C or better. Provides instruction in coding of diagnoses, diseases, signs, and symptoms, procedures and services provided in office, inpatient hospital, outpatient hospital, nursing facilities, laboratories, radiology/diagnostic imaging. Provides an overview of medical insurance programs and the skills needed to assign and link ICD-9-CM/ICD-10-CM, CPT, and HCPCS codes in correct format to submit to an insurance carrier for reimbursement for medical necessity.

AHLT-M 391 Coding II (3 cr.) P: AHLT-M 390 with grade of C or better. This is advanced instruction to include lecture and practice application in the assignment of CPT, ICD-9-CM/ICD-10-CM, and HCPCS codes as introduced in basic medical coding. Emphasis on correct code assignment and sequencing of codes to provide medical necessity for reimbursement by third party payers for services and procedures provided in a physician office, hospital, nursing facilities, laboratories, and radiology/diagnostic imaging. This course will include additional instruction in the coding of anesthesia services, extensive modifier placement, and the ability to abstract information from the medical record to select accurate codes for submission to a third party payer.

AHLT-M 392 Intro to HIM & Reimbursement (3 cr.)

P: AHLT-M 330 and AHLT-M 390 with a C or better. Introduction of Health Information Management principles and policies, medical records, standards, regulations, licensure, and content. Overview of medical insurance programs, including Medicare, Medicaid, Tricare, group health plans, and Workers Compensation reimbursement methodologies related to third party payers. Overview of release of information principles, privacy, and security standards as outlined by the Health Insurance Portability and Accountability Act of 1996 (HIPAA).

AHLT-M 393 Healthcare Documentatooon (3 cr.)

P: AHLT-M 393 with a grade of a C or better. This is a beginning medical word processing and transcription course that includes both lecture and laboratory components. Lecture covers the career and certification of a medical transcriptionist; punctuation, grammar, and sentence structure. Introduction to the content and format of various medical reports transcribed in any health care facility, including all medical specialties.

Practice will include proofreading skills and making necessary corrections to produce a legible and legal medical document. Introduction to the electronic medical record, HIPAA, and the confidentiality and security of the patient information.

AHLT-M 394 Healthcare Documentation Practicum (3 cr.)

P: AHLT-M393 with a grade of a C or better.

Advanced medical transcription focusing on improving beginning skills to meet the demands of the workplace with emphasis on production, speed, and accuracy to produce a legal medical document. Skills include legalities of the medical record, documentation requirements defined by the Health Insurance Portability and Accountability Act (HIPAA) as related to security, privacy, and confidentiality. Students will experience the diversity of the Health Information Management department of any healthcare facility to recognize the various functions within that department and how they relate to each other.

AHLT-M 395 Introduction to ICD-10-CM Diagnostic Coding (3 cr.) P: AHLT-M 391 or equivalent with a grade of C or better, or instructor approval. This course focuses on the revised structure and format in the transition from ICD-9-CM to ICD-10-CM. Review of guidelines and coding concepts with emphasis on correct code assignment and sequencing of codes to provide medical necessity for reimbursement for services and procedures in all healthcare facilities.

AHLT-R 100 ORIENTATION TO RAD TECHNOLOGY (3 cr.) Introduction to the field of radiology and its history. Students learn proper ethical standards, become acquainted with the duties and responsibilities in personal care for the patient, and investigate radiation protection for the patient and personnel.

AHLT-R 185 MEDICAL TERMINOLOGY (3 cr.) This course covers medical terminology, symbols, and abbreviations and the application of this new language in the field of health care. While terms are covered as they relate to body structure and function, the main focus is on medical vocabulary and being able to construct terms using word parts such as roots, suffixes, and prefixes.

AHLT-R 200 Pathology (3 cr.) P: AHLT-C 150 or ANAT-A 215, or instructor approval. A survey of the changes that occur in the human body to include general concepts of disease, cause of diseases, clinical symptoms and treatment, and diseases that affect specific body systems.

AHLT-R 202 PRINCIPLES OF RADIOGRAPHY 2 (3 cr.) Continuation of R102 with emphasis on the properties that affect the quality of the radiographic image.

AHLT-R 250 PHYSICS APPLIED TO RADIOLOGY (3 cr.) Fundamentals of radiation physics, X-ray generation, and equipment quality control.

AHLT-R 102 PRINCIPLES OF RADIOGRAPHY 1 (3 cr.) Basic concepts of radiation, its production, and its interactions with matter. Includes the production of the radiographic image and film processing.

AHSC-C 415 Health Assessment, Education and Promotion (6 cr.)

This is an introductory course with a focus on the discipline and profession of health education. Major concepts to be explored include health and wellness, determinants of health behavior, the nation's health status and health promotion. Preparing an assessment and plan for health promotion for the student's own community will be the culminating teaching-learning activity.

AHSC-H 301 Healthcare Delivery and Leadership (6 cr.) This is an introduction course for all Applied Health Science students. It contains concepts and basics for

other Applied Health Science program courses. Focus is on the components, their interaction and internal / external controls. As a person in leadership roles of organizations you will also discover how to effectively deliver health care services in hospitals, nursing homes, multi-specialty clinics, and home health care agencies. Students will examine how principles of effective leadership skills including organizational design, motivation, conflict management, teamwork, and strategic alliances are utilized in the ever changing healthcare environment.

AHSC-H 310 Health Policy, Ethics, and Legal Issues (6 cr.) In this course, students are introduced to the concepts of health policy and policy analysis, health care ethics and contemporary ethical dilemmas, and legal issues related to health care and health care outcomes.

Students will be exposed to leadership strategies for effecting changes in policy, and in resolving legal and ethical dilemmas that arise in health care. Emphasis is placed on application of knowledge to real and simulated case problems.

AHSC-H 320 Consumer Health (3 cr.) Students are introduced to the ways consumers receive and use information to inform health practices and influence choices of health products, services, and providers. Concepts include health literacy and decision-making, internal and external influences on health care decisions and health outcomes, and effective health education. Exemplar health issues are discussed.

AHSC-H 330 Intercultural Health Communication (6 cr.) This course explores issues related to intercultural communication practices. It examines the important role of social, cultural, and historical context in human interactions related to health disparities. This course is designed to increase students understanding of the growing interdependence of nations and peoples and to develop students' ability to apply a comparative perspective to cross-cultural social, economic, and political experiences.

AHSC-H 340 Research in the Health Sciences (3 cr.) This course is designed as an introduction to using the research process to address health science problems and the use of evidence as a foundation for practice. Critical analysis of research studies will be emphasized.

AHSC-H 360 POP HEALTH, EPI, AND BIOSTATS (3 cr.)

In this course, students are provided an overview of the principles and practice of population health, epidemiology, and biostatistics. Students will be introduced to the basic terms and definitions of population health and the factors that lead to disease causation, as well as disease prevention. Students will explore and discuss the concepts of social justice, health disparities, determinants of health, culture, health systems, lifespan, and health promotion as they apply to groups of people, rather than to individuals. Through an introduction to epidemiologic terminology, methods, critical thinking, and basic analysis, students will be able to describe how disease is distributed within populations and communities.

AHSC-H 370 INFORMATICS (3 cr.) In this course, students will explore the impact of meaningful data on health care systems. The concepts of converting data to information to knowledge in the national effort to create electronic health care records that provide privacy and security while ultimately improving patient outcomes will

be discussed. Details on meaningful use in electronic health records, health care data analytics, health informatics exchange, quality improvement strategies, public health informatics, and health informatics ethics will be examined.

ANAT-A 215 Basic Human Anatomy (5 cr.) Lab fee required. Structure of cells, tissues, organs, and systems and their relationship to function. The course will cover each of the organ systems at both the gross and histological levels.

ANAT-A 464 Human Tissue Biology (5 cr.) P: BIOL-L 317 with grade of C or better. Microscopic structure of mammalian (with emphasis on human) tissues and organs.

ANAT-A 465 Advanced Regional Anatomy (6-12 cr.) A 6 credit hour course structured in the same format as a graduate or medical school anatomy course, and directed to upper level majors. Specifically, undergraduate anatomy is typically taught in a systems format; whereas, graduate and medical school anatomy curriculum is structured by regions; i.e. head and neck, thoracic, limb, etc. The curriculum will be designed by body regions and clinical information will be introduced throughout the course. The upper level anatomy course will provide new program development in support of the Bachelor of Science in HIA and HIM, in addition to supporting new curriculum reform by offering an upper level online course for allied health, biology and chemistry pre-professional majors.

ANAT-M 100 Improving Learning Skills in Anatomy (1-3 cr.) C: ANAT-A 215. This course examines the skills that can improve student learning in ANAT-A 215 (Basic Human Anatomy). A variety of study methods and skills will be explored and utilized to increase the understanding of topics in human anatomy. Coverage of course topics will occur concurrently in M100 and A215. Readings and lectures will be supplemented by whole-class and small-group discussions and by written assignments.

ANTH-A 103 Human Origins and Prehistory (3 cr.) Man, his biological evolution, and his archaeological history through Stone and Metal Ages.

ANTH-A 105 Human Origins and Prehistory (3 cr.) Human biological evolution and prehistory from the earliest archaeological record through the rise of civilization. Credit given for only one of the following: ANTH-A 102, ANTH-A 105, or ANTH-A 303.

ANTH-A 303 Evolution and Prehistory (3 cr.) Introductory course for more advanced students. Man's place in nature, emergence of man and contemporary races, development of culture from Paleolithic onward, problems arising from interaction of biological and cultural phenomena.

ANTH-A 304 SOCIAL & CULTURAL BEHAVIOR (3 cr.)

ANTH-A 400 UNDERGRADUATE SEMINAR IN ANTH (3 cr.) Seminar in various anthropology topics that are not covered by other anthropology courses, excluding ethnography and ethnology.

ANTH-E 105 Culture and Society (3 cr.) Introduction to the comparative study of contemporary human cultures

and social processes that influence behavior. Not sequential with ANTH-A 105.

ANTH-E 310 INTRO TO CULTURES OF AFRICA (3 cr.) Ethnographic survey of culture areas south of the Sahara.

ANTH-E 320 Indians of North America (3 cr.) P: ANTH-A 104. Ethnographic survey of cultural areas from the Arctic to Panama, plus cross-cultural analysis of interrelations of culture, geographical environment, and language families.

ANTH-E 330 INDIANS OF SOUTH AMERICA (3 cr.) The cultural development and contemporary life of aboriginal societies in the tropical and marginal areas of the continent. Ethnic relationships and characteristics of major cultural groups are examined through detailed study of representative tribal units.

ANTH-E 335 ANCIENT CIVIL OF MESOAMERICA (3 cr.) Historical ethnography of the major pre-Columbian civilizations including the Olmec, Mayan and Aztec. Emphasis on the social life, cultural achievements, religion, worldview and political systems to illustrate the diversity and richness of Amerindian life before the Spanish conquest.

ANTH-P 200 Introduction to Prehistoric Archaeology (3 cr.) Introduction to archaeology and world prehistory. Concentrates on the history, methods, and theory of American anthropological archaeology and is designed to answer some of the basic questions that many people have about world prehistory.

ANTH-P 361 Prehistory of the Midwestern U.S. (3 cr.) Survey of the prehistory of midcontinental North America, beginning with humans' entry into the New World and concluding with the European invasion. Covering the major cultural periods defined for Eastern Woodlands prehistory--Paleo-Indian, Archaic, Woodland, and Mississippian--as well as the sociocultural attributes by which each is defined.

AST-A 100 The Solar System (3 cr.) Celestial sphere and constellations, measurement of time, astronomical instruments, Earth as a planet, moons, eclipses, planets and their satellites, comets, meteors, theories of origin of solar system.

AST-A 105 Stars and Galaxies (3 cr.) The sun as a star, physical properties of stars, principles of spectroscopy as applied to astronomy, double stars, variable stars, star clusters, gaseous nebulae, stellar motions and distribution, Milky Way system, expanding universe, cosmic time scale.

AST-A 110 INTRODUCTION TO ASTRONOMY (3 cr.) Earth as a planet, satellites, and comets, the sun, properties of stars, stellar systems, extragalactic objects. The nature of the observable universe.

AST-A 130 Short Courses in Astronomy (1 cr.) P: Instructor permission required. Short courses on a variety of topics in astronomy.

AST-A 150 Introductory Astronomy Lab (1 cr.) C: AST-A 100 or AST-A 105 or instructor permission. The observation of selected celestial objects using astronomical binoculars and telescopes. Astronomical data will be gathered and plotted by the student using auxiliary equipment installed on the telescopes.

AST-A 151 Introductory Astronomy Research Lab (2 cr.) C: AST-A 100 or AST-A 105 and instructor permission. Research projects include gathering and measuring data obtained from planets, variable stars, and deep-sky objects. Measurements made using optical telescopes, cameras, photoelectric photometer, charge-coupled device, and radio telescope. Also, simple problem-solving exercises in stellar and planetary astronomy.

AST-A 200 Introduction to Cosmology (3 cr.) P: PHYS-P 100 or consent of instructor; AST-A 100 or AST-A 105 and MATH-M 102 are recommended. Historical and philosophical development of our physical picture of the Universe, evolution of galaxies, origin on the elements, cosmic distance scale, development of large scale structure, and the earliest stages of the Big Bang.

BIOL-E 111 Basic Biology by Examination I (3 cr.) Credit by examination for demonstrating an understanding of basic facts and concepts of the lecture content of BIOL-L 101.

BIOL-E 112 Basic Biology by Examination II (3 cr.) Credit by examination for demonstrating an understanding of basic facts and concepts of the lecture content in BIOL-L 102.

BIOL-K 312 Immunology (3 cr.) P: BIOL-L 101, BIOL-L 102, & CHEM-C 101, CHEM-C 102, CHEM-C 105, or CHEM-C 106, all with grades of C or better. An examination of molecular and cellular immunology, abnormal immune responses, and immunology reactions used in diagnosis.

BIOL-K 313 Immunology Laboratory (2 cr.) C: BIOL-K 312. Experimental examination of the immune response. Use of the antigen-antibody reaction for diagnostic purposes.

BIOL-K 322 GENETICS & MOLECULAR BIOLOGY (3 cr.) The course will cover the principles of classical and molecular genetics including Mendelian inheritance, lineage, nucleic acids, gene expression, recombinant DNA, genomics, immunogenetics, and regulation.

BIOL-K 323 GENETICS & MOLECULAR BIOLOGY LAB (3 cr.) Applied principles of genetics and molecular biology using organisms of increasing complexity from viruses to fruit fly. Laboratory experiments include lineage analyses, deletion mapping, isolation of human chromosomes, mutagenesis, DNA extraction, restriction enzyme analysis, and PCR.

BIOL-L 100 Humans and the Biological World (3 or 5 cr.) Principles of biological organization, from molecules through cells and organisms to populations. Emphasis on processes common to all organisms, with special reference to human beings. Lecture or lecture and laboratory. Will not count toward a biology degree. Credit not given for both BIOL-L 100 and BIOL-L 101.

BIOL-L 101 Introduction to Biological Sciences I (5 cr.) One year of high school chemistry or one semester of college chemistry is recommended. Fundamental principles of biology for students considering a biology major or students with high school science background. Principles of biochemistry, cell biology, genetics, developmental biology, animal morphology, and

physiology. Lecture and laboratory. Credit not given for both BIOL-L 101 and BIOL-L 100.

BIOL-L 102 Introduction to Biological Sciences II (5 cr.) One year of high school chemistry or one semester of college chemistry is recommended. Fundamental principles of biology for students considering a biology major or students with high school science background. Principles of evolution, systematics, diversity and ecology, and plant biology. Lecture and laboratory.

BIOL-L 110 Insects: The Alien Empire (3 cr.) The course examines relationships between humans and the most successful multi-celled organisms on earth - the insects. Understanding the philosophy of science and biological concepts using insects as model organisms is emphasized. The negative and positive impact of insects on the human condition is explored in an historical and contemporary context. The course examines how insect transmitted pathogens have influenced human history and how changes in technology have affected our food supply and the direction of research aimed at developing alternative control measures, including genetically modified crops. Other topics include the past and potential use of insects as weapons of war and how insects have influenced human art, religion, and entertainment. Will not count toward a biology degree.

BIOL-L 111 Foundations of Biology: Diversity, Evolution, and Ecology (3 cr.) For biology and other science majors. Preference will be given to freshmen and sophomores. Focus is on the processes of evolution leading to organismal diversity and adaptation, as well as basic ecological concepts.

BIOL-L 112 Foundations of Biology: Biological Mechanisms (3-4 cr.) Integrated picture of manner in which organisms at diverse levels of organization meet problems in maintaining and propagating life.

BIOL-L 113 Biology Laboratory (3 cr.) P: Introductory Biology course and permission. Laboratory experiments in various aspects of biology with focus on investigation logic and methods. Introduces aspects of cell-biology, genetics, and evolutionary biology.

BIOL-L 200 Environmental Biology and Conservation (3 cr.) P: ENG-W 130 or ENG-W 131, and MATH-M 110 or higher with grades of C or better, OR minimum of 12 credits. Study of flora and fauna of Indiana through laboratory and fieldwork. Emphasis on identification, classification, life histories, and habitats of organisms and their conservation as renewable resources.

BIOL-L 211 Molecular Biology (3 cr.) P: BIOL-L 101, BIOL-L102, and CHEM-C 101, CHEM-C 102, CHEM-C 105, or CHEM-C 106, all with grades of C or better. Structure and function of DNA and RNA. DNA replication, mechanisms of mutation, repair, recombination, and transposition. Mechanisms and regulation of gene expression. The genetic code, transcription, and translation. Introduces bacteriophages, plasmids, and the technology of recombinant DNA.

BIOL-L 303 Field Biology (3 cr.) P: One semester of biology and department consent. A summer or intensive course designed to acquaint the student with natural biological interactions in the environment. The course

consists of a period of field study in an area remote from the local campus. Orientation before and following course.

BIOL-L 304 Marine Biology (3 cr.) P: ENG-W 130 or ENG-W 131, and MATH-M 110 or higher with grades of C or better, OR minimum of 12 credits. An introductory course for majors and nonmajors involving the study of principles, concepts, and techniques of marine and estuarine biology.

BIOL-L 311 Genetics (3 cr.) P: BIOL-L 211 with C or better. C: BIOL-L 319. Lecture course on the principles of heredity at the molecular, cellular, individual, and population levels.

BIOL-L 312 Cell Biology (3 cr.) P: BIOL-L 211 with C or better. Current views of the structure and function of cellular organelles and components, with emphasis on the flow of information through the cell, the metabolism that supports cellular functions, and differences among different specialized cells.

BIOL-L 313 Cell Biology Laboratory (3 cr.) P: BIOL-L 312 with C or better. C: BIOL-L 312. Theory and techniques of experimental cell physiology. Current techniques will be stressed.

BIOL-L 317 Developmental Biology (3 cr.) P: BIOL-L 101, BIOL-L 102 with C or better. C: BIOL-Z 318. Analysis of developmental processes that lead to the construction of whole organisms from single cells. Includes the principles of embryology and analysis of mutations affecting development.

BIOL-L 318 Evolution (5 cr.) P: BIOL-L 211, BIOL-L 311 with grade of C or better. Provides an explanation of the theory of evolution--the conceptual core of biology. Topics include origins and history of life; the interplay of heredity and environment in shaping adaptations; molecular, behavioral, and social evolution; patterns of speciation, extinction, and their consequences; methods for inferring evolutionary relationships among organisms.

BIOL-L 319 Genetics Laboratory (3 cr.) P: BIOL-L 211 with C or better. C: BIOL-L 311. Experimentation demonstrating fundamental genetics mechanisms.

BIOL-L 321 HUMAN IMMUNOLOGY (3 cr.) Introductory course exploring the basic components and function of the immune system, stressing mechanisms that protect humans against pathogens and also how its dysfunction can lead to autoimmune disease, allergy, and cancer.

BIOL-L 323 Molecular Biology Laboratory (3 cr.) P: BIOL-L 211. Manipulation and analysis of genes and genomes. Gene cloning and library screening. Gene amplification and disease diagnosis. Gene mapping and southern blot analysis of complex genome structure.

BIOL-L 341 Natural History of Coral Reefs (3 cr.) P: 100-level biology course. Introduction to principles of biology, ecology, and geology as applied to coral reef ecosystems.

BIOL-L 343 Applied Conservation Biology (5 cr.) P: BIOL-L 211 with C or better. A course focusing on biodiversity loss and recovery. Lectures introduce concepts such as extinction, climate change, population declines, landscape changes, invasive species, management, and socio-politics of conservation. The applied component is demonstrated by seminars and

research experiments that explore current conservation concepts.

BIOL-L 346 Survey of Molecular Developmental Biology (5-6 cr.) P: BIOL-L 101, BIOL-L 102 with a C or better. Throughout this course, the emphasis returns again and again to the modern molecular understanding of development and how this underlies development in all groups of living organisms. While classical aspects of development which can be observed with the naked eye and the dissecting microscope will, of course, be covered, providing students with a clear molecular prospective across all three Domains of life comes first. This understanding includes concepts like that of the developmental toolkit which so clearly demonstrates the universality of the molecular mechanisms which direct molecular biology in all organisms. The developmental biology lectures acquaint students with the development of various types of organisms from protists through the most advanced plants and animals. The class examines the diversity of developmental programs from perspectives including gross anatomy and molecular controls, with an introduction to the scientific literature of Developmental Biology. The laboratory complements the lecture by providing the student with concrete examples of the principles presented in those lectures, including longitudinal study of the development of several organisms.

BIOL-L 369 HEREDITY EVOLUTION & SOCIETY (3 cr.)

BIOL-L 371 Animal Nutrition (3 cr.) The course "Animal Nutrition" will cover basic facts about animal nutrition. The course material will include classification and function of nutrients, symptoms of nutrient deficiency, digestive processes, anatomy and physiology of various animal digestive systems and characterization of various global and local feed stuffs and formulation of diets for domestic animals. The principles will apply to all mammalian and bird species, with an emphasis on cattle and various domestic animals. Animal feeds and their use throughout the world will be discussed with an emphasis on feeds most commonly used in this country.

BIOL-L 376 Biology of Birds (4 cr.) P: ENG-W 130 or ENG-W 131, and MATH-M 110 or higher with grades of C or better, OR minimum of 12 credits. Avian systematics, distribution, evolution, ecology, and behavior. Emphasis on identification, communication, and reproductive behavior. Field trips will concentrate on interpretation of behavior and research methods.

BIOL-L 391 Special Topics in Biology (1-3 cr.) Study and analysis of selected biological issues and problems. Topics vary from semester to semester.

BIOL-L 403 Biology Seminar (1 cr.) P: Senior standing and 30 credits of upper level biology courses. Individual presentation of topics of current importance.

BIOL-L 465 Advanced Field Biology (3 cr.) C: Recommended: BIOL-L 473 or equivalent and consent of instructor. Lectures and two to three weeks of fieldwork on various problems of ecosystem structure.

BIOL-L 473 Ecology (3 cr.) P: BIOL-L 211 with C or better. C: BIOL-L 474. Distribution and abundance of animals and plants; interactions of organism and

environment at levels of individual, population, and community from functional point of view.

BIOL-L 474 Laboratory in Ecology (2 cr.) P: BIOL-L 473 with C or better. C: BIOL-L 473. Introduction to research in ecology. Field and laboratory techniques in study of distribution and abundance of organisms.

BIOL-L 476 REGIONAL ECOLOGY (3 cr.) Selective trips to specific ecological areas to study both the flora and fauna of a biome.

BIOL-L 490 Individual Study (1-12 cr.) P: Written consent of biology faculty member.

BIOL-L 499 Internship in Biology Instruction (3 cr.) P: Consent of Instructor. An internship for biology majors desiring college teaching experience. Students will be provided training in lecture-laboratory presentations. Each student will present lectures and laboratories that will be videotaped for subsequent analysis and follow-up suggestions for improvement.

BIOL-L 501 Independent Study Rotations (1-6 cr.) L501 is used for Biology students who are conducting Independent Study during lab rotations in the GCDB or EEB Graduate Programs. Each credit should correspond to 3-4 hours of formal coursework.

BIOL-L 563 Topic in Life Science (1-6 cr.) A graduate level life sciences topic course. Specific topics vary from semester to semester.

BIOL-L 564 Topic Life Science Techniques Variable Topic Title (1-4 cr.) A graduate level life science laboratory or field techniques course. Specific topics vary from semester to semester.

BIOL-L 579 Community Ecology (3 cr.) Survey of ecological and evolutionary topics between population and ecosystem levels. Review of scientific truth, levels of selection and speciation. Major emphasis on interactions among populations (consumer-producer, competition, symbiosis, etc.) and community analysis (island biogeography, niche, diversity, and community structure).

BIOL-M 215 MICROORGANISM LABORATORY (3 cr.) Introduction to basic techniques and procedures of microbiology laboratories. Emphasis on aspects deemed useful to nursing students. Growth and transfer of live microorganisms, aseptic techniques, and the staining and identification of bacteria. Audiotutorial format.

BIOL-M 485 MICR MOL GENETICS LAB (3 cr.) Provides insight into how science is conducted in a modern research lab. Conduct hypothesis driven molecular and genetic experiments using an attenuated medically relevant bacterial pathogen. Techniques / skills: DNA isolation, PCR, recombinant DNA techniques, gel electrophoresis, transposon mutagenesis, transformation, and quantitative bacterial culture.

BIOL-N 251 INTRODUCTION TO MICROBIOLOGY (3 cr.) The isolation, growth, structure, functioning, heredity, identification, classification, and ecology of microorganisms, their role in nature and significance to humans.

BIOL-T 575 Molecular Biology (3 cr.) This course will cover the following: the structure and function of

DNA and RNA; the structure, function and regulation of proteins; DNA replication, mechanisms of mutation, repair, recombination, and transposition; mechanisms and regulation of gene expression; the genetic code, transcription, and translation; bacteriophages, plasmids, and the technology of recombinant DNA.

BIOL-Z 317 DEVELOPMENTAL BIOLOGY (3 cr.)

BIOL-Z 318 Developmental Biology Lab (2 cr.) P: BIOL-L 101 and BIOL-L 102 with a C or better. C: BIOL-L 317 A laboratory course about developing organisms, with special emphasis on embryology and organogenesis.

BIOL-Z 373 ENTOMOLOGY (3 cr.) Biology of insects with emphasis on evolution, distribution, behavior and structure.

BUS-A 200 Foundations of Accounting (3 cr.) Survey of financial and managerial accounting topics that provide a foundation for students who are not pursuing a business concentration.

BUS-A 201 Introduction to Financial Accounting (3 cr.) P: 12 credit hours, a GPA of 2.0 or higher and completion of MATH-M 102, MATH-M 117, or higher. Concepts and issues of financial reporting for business entities; analysis and recording of economic transactions.

BUS-A 202 Introduction to Managerial Accounting (3 cr.) P: BUS-A 201. Concepts and issues of management accounting, budgeting, cost determination and analysis.

BUS-A 301 Accounting: An Information System (3 cr.) P: BUS-A 201 and BUS-K 201. This course reviews the accounting cycle, using a business transaction cycle approach, to understand accounting as a data entry and information processing system. Emphasis on: Data Flow, Internal Control, Audit Trail, Financial Statement Relationships, and Special Reports.

BUS-A 310 Management Decisions and Financial Reporting (3 cr.) P: BUS-A 202. Provides students with a thorough understanding of the theoretical foundations underlying financial reporting, the rules used by accountants to measure the effects of business decisions and to report the effects to external parties, the use of judgment in financial reporting, and the transformation of cash flow decisions into accrual-based and cash-based financial statements. Students are expected to develop technical, analytical, and interpretive skills related to economic transactions and accrual-based and cash-based financial statements. Accounting students should take A311 and A312 to satisfy accounting concentration requirements. Credit not given for both A310 and A311.

BUS-A 311 Intermediate Accounting I (3 cr.) P: BUS-A 202. P or C: BUS-A 301. Theory of asset valuation and income measurement. Principles underlying published financial statements.

BUS-A 312 Intermediate Accounting II (3 cr.) P: BUS-A 311. Application of intermediate accounting theory to problems of accounting for economic activities.

BUS-A 325 Cost Accounting (3 cr.) P: BUS-A 202. Conceptual and technical aspects of management and cost accounting; product costing, cost control over projects and products; profit planning.

BUS-A 328 Taxation of Individuals (3 cr.) P: BUS-A 202. Internal Revenue Code and Regulations. Emphasis on income, exclusions from income, deductions, and credits. Use of tax forms in practical problem situations.

BUS-A 337 ACCOUNTING INFORMATION SYSTEMS (3 cr.) The course's primary objective is to build upon, extend, and facilitate the integration of business and technical knowledge to help students succeed as managers in a technology-intensive, corporate environment. Through the use of readings, lectures, cases, and exercises the course enables students to understand and manage information technology in order to achieve competitive advantage through improved decision making, business processes, operations, and organizational controls.

BUS-A 339 Advanced Taxation (3 cr.) P: BUS-A 328. Internal Revenue Code and Regulations; formation and liquidation of corporations, partnerships, estates, and trusts.

BUS-A 411 Accounting Information Systems (3 cr.) Design of the accounting system and subsystems as collectors and processors of data to implement effective planning and control for a variety of decision making problems. Emphasis on practical applications accomplished through microcomputer integration.

BUS-A 413 Governmental and Not-for-Profit Accounting (3 cr.) P: BUS-A 311. Financial management and accounting for nonprofit seeking entities; state, municipal, and federal governments; schools, hospitals, and philanthropic entities. Includes study of GAAP for these entities promulgated by the FASB and GASB.

BUS-A 414 Financial Statement Analysis and Interpretation (3 cr.) P: BUS-A 310 or BUS-A 311. Provides a broad framework for using financial statements to evaluate a firm's operating strategies, gain insights into performance, and predict future conditions. Topics include: ratios analysis, common size/vertical/trend analysis; competitive and industry norms; profitability and cash flow analysis; credit risks; earnings quality; and pro-forma forecasting.

BUS-A 422 ADV FINANCIAL ACCOUNTING I (3 cr.) Generally accepted accounting principles as applied to partnerships, business combinations, branches, foreign operations, and nonprofit organizations. Particular emphasis is given to consolidated financial statements.

BUS-A 424 Auditing (3 cr.) P: BUS-A 311. Provides an understanding of the audit environment and public expectations for an audit, risk analysis in conducting the audit, internal control, and the quality control procedures of public accounting organizations. Includes coverage of the code of professional conduct, the legal liabilities of CPAs, the auditing and attestation standards, statistical sampling in auditing, audit of operation cycles in a computerized environment, and the auditor's report.

BUS-A 437 ADVANCED MANAGEMENT ACCOUNTING (3 cr.) Strategic cost management practices including activity-based management, activity-based budgeting and activity-based costing, target costing, theory of constraints, quality costs, the cost of capacity, the balanced scorecard, and performance measures for automated factories. Learn enhanced problem solving skills and tools, increased

critical thinking skills, and improved presentation and speaking skills.

BUS-A 490 Independent Study in Accounting (1-3 cr.) Students choose one of two options in completing this course: (1) Supervised individual study and research work. Students will propose the investigation desired and, in conjunction with the instructor, develop the scope of work to be completed. (2) Supervised internship, application filed through Career Development Center; provides work experience in cooperating firms or agencies. Reporting requirements will be established by instructor. Pass/Fail grade only for internships.

BUS-C 104 Business Presentations (3 cr.) Students are introduced to oral communication in business contexts.

The course focus is on theory-based skill development that will enable students to deliver audience-centered messages, work in teams, and analyze and develop oral arguments.

BUS-D 300 International Business Administration (3 cr.) P: ECON-E 200 and junior standing. Foreign environment for overseas operations; U.S. government policies and programs for international business; international economic policies; and management decisions and their implementation in international marketing, management, and finance.

BUS-D 301 International Business Environment (3 cr.) The objective of this course is to familiarize students with the environment in which international companies operate. Thus, participants should acquire awareness of, and an appreciation for, the diversity and complexity of the international environment. More specifically, the successful completion of this course should enable them to understand and analyze environmental problems which challenge management. Additional objectives of the course include: to explain how the international business environment affects us as citizens, consumers, and workers; to describe trade, investment, and financial links among countries; and to help interpret contemporary events from the perspective of international business. While the emphasis of the course is on analysis, students will acquaint themselves with the special terms, concepts, and institutions encountered in international business.

BUS-D 490 Independent Study in International Business (1-6 cr.) P: Consent of instructor. Students choose two options in completing this course: a supervised internship experience (application filed through Career Development Center) or individual study or research work. Reporting requirements will be established by the instructor. S/F grades only for internships.

BUSE-A 500 Speaking the Language of Business (3 cr.) This course provides an overview of labor relations. It focuses on unions and their role in labor-management relations. Students review U.S. labor history and worldwide labor economics, union governance, and legal regulatory environments. Students will examine the purpose, structure, function, and governance of unions in the United States.

BUSE-A 505 Strategic Cost Management (3 cr.) Discussion of the development and use of accounting information for managerial control and decision making. Account methods for cost accumulation and allocation, standard costing, budgeting, inventory

valuations, performance measurement, cost-volume-profit relationships, special decisions, current developments in managerial accounting, and other topics will be discussed.

BUSE-A 506 Strategic Cost Management (3 cr.)

Discussion of the development and use of accounting information for managerial control and decision making. Account methods for cost accumulation and allocation, standard costing, budgeting, inventory valuations, performance measurement, cost-volume-profit relationships, special decisions, current developments in managerial accounting, and other topics will be discussed.

BUSE-A 507 Modeling and Simulation (3 cr.) Introduces a variety of mathematical modeling and simulation techniques that can be applied in spreadsheet models to assist in the decision analysis process. Topics are integrated into all functional areas of business.

BUSE-A 508 Organizational Behavior and Leadership (3 cr.)

A theory-based study of leadership phenomena and organizational behavior. Emphasis on the practical application of these concepts to organizational settings.

BUSE-B 511 Business Communications (3 cr.)

Designed to improve effective communication as a manager. Analysis and application of communication strategy, oral presentation skills, listening skills, writing skills, corporation communication strategy, and communication with the media.

BUSE-B 513 International Environmental Analysis (2 cr.)

A survey of the external environmental variables that affect business operations domestically and internationally. Provides a framework for analyzing and anticipating changes in the environment; considers the impact of competition, economics and financial systems, cultures and technology on business operations.

BUSE-B 516 The Legal and Ethical Environment of Business (3 cr.)

This course examines legal and ethical issues a manager must consider when making business decision. Provides an overview of law pertaining to business, international and regulatory topics, and models for review and resolution of ethical issues in business. Critical thinking and legal research skills are introduced and developed.

BUSE-B 517 Operations and Supply Chain Management (2 cr.)

Study of the processes directly related to the creation and distribution of goods and services. With globalization becoming commonplace, these operations are taking place outside the boundaries of a traditional enterprise. This course teaches students how to understand and analyze processes, ensure quality, create value, and manage the flow of products, services and information across a network of customers, enterprises and supply chain partners.

BUSE-C 521 Marketing Management (3 cr.)

Marketing decision making in a problem solving setting. Emphasizes the firms decision making procedures in planning, product development, pricing, promotion and distribution. Topics include competitive analysis, opportunity analysis, profitability and productivity analysis, market measurement, strategy, and the role of marketing research and information systems. Extensive use of readings and cases.

BUSE-C 522 Financial Management (3 cr.) A study of the theory and practice of corporate finance. Areas studied include organizing capital expenditure, planning divided policy and capital structure strategies, making short term financial decisions, mergers, pension plans, and international aspect of corporate finance.

BUSE-C 523 Systems Decision Theory and Applications (3 cr.)

An integrative or holistic approach to identifying organizational problems and the development and implementation of possible solutions. Because most courses are primarily concerned with analytical approaches to business decision making, this course focuses on the processes that link the parts together.

BUSE-D 530 Business Policy and Strategy (3 cr.)

As the capstone course in the M.B.A. program, this course assists in developing skills for analysis and decision-making that integrate the functional skills and concepts acquired during the M.B.A. program. It is geared to challenge the students ingenuity, their ability to work individually, and develop interpersonal skills by working in teams.

BUSE-E 548 Organizations and Organizational Change Management (3 cr.)

BUSE-E 549 INDUSTRIAL LABOR RELATIONS (3 cr.)

This course provides an overview of labor relations. It focuses on unions and their role in labor-management relations. Students review U.S. labor history and worldwide labor economics, union governance, and legal regulatory environments. Students will examine the purpose, structure, function, and governance of unions in the United States.

BUSE-E 551 Managerial Forecasting (3 cr.)

This course covers a number of techniques for using underlying patterns and relationships in historical data to project the data into the future. These techniques include smoothing methods, regression analysis, time series decomposition and Box-Jenkins methodology. Extensive use is made of computer programs to aid in data analysis and the calculation of the forecasts.

BUSE-E 552 Negotiation (3 cr.)

An introduction to frameworks, processes, strategies and tactics of negotiation. Conceptual and experiential learning are integrated to provide students with a toolkit of negotiation skills applicable in a variety of negotiation settings commonly faced by managers. We will emphasize skill development through role playing and cases.

BUSE-E 553 Consumer Behavior (3 cr.)

To provide an interdisciplinary approach to understanding consumer buying behavior. Emphasis is made on the individual and social processes which influence the consumer in the marketplace.

BUSE-E 554 Human Resource Management (3 cr.)

This course deals with major topic areas within the field of human resource management. It is a survey of principal theoretical, legal, and applied concerns that influence both public and private sector employers. Special attention is given to applications of timely interest to private employers.

BUSE-E 556 Labor Economics (3 cr.) Economic problems of the wage earner in modern society; structure,

polices, and problems of labor organizations; employer and governmental policies affecting labor relations.

BUSE-E 557 Investment Management (3 cr.) The purpose of this course is to introduce the student to the beauty, logic, and potential of modern portfolio management. Emphasis is on portfolio construction and management, rather than security selection.

BUSE-E 560 Venture Growth Management (3 cr.) Designed for M.B.A.s' interested in managing a new or rapidly growing business. Analysis and discussion of the skills, processes, and functions required and of the transitions of the growing business. Alternate sources of capital and conditions of utilization examined. Growth strategies for various stages of growth examined.

BUSE-E 567 Portfolio Management and Investment Analysis (3 cr.) This course introduces students to the basics of portfolio management and investment analysis. Students will be exposed to the theoretical and practical components of investment analysis for the purpose of security selection and portfolio management. Topics include developing investor policy statements, security valuation, portfolio allocation, risk measurement, and investment ethics.

BUSE-E 577 Financial Statement Analysis - A Case Based Approach (3 cr.) Develops the conceptual and practical skills needed for in-depth company analysis and honing of critical thinking skills useful in understanding financial reporting concepts and analyzing financial statements. Combines a text that develops financial statement analysis concepts with a text covering cases specific to particular aspects of financial reporting and analysis.

BUSE-E 578 Business and Economics Applications of Geographical Information Systems (3 cr.) The use of Geographical Information Systems (GIS) has become a standard feature among government and corporate agencies either for resource management or planning.

In the corporate world, GIS is heavily used in locating businesses or retail outlets, food industries, transportation network and etc. In this course, students will be exposed to various applications of GIS with a primary focus on business and economic issues. This course does not cover GIS programming and development of application programs.

BUSE-E 580 Community Service in Business (0 cr.) All MBA students must complete a community service project to graduate. This involves donating a minimum of 20 hours to an approved community project (like volunteering for Big Brothers/Big Sisters; providing tax assistance for the elderly; participating in a United Way agency) and a written report to the MBA office.

BUSE-E 588 Project Management (3 cr.) This course will introduce you to the full range of project management problems, solution methods and decision processes. Topics may include: project selection, project organizational structures, project planning, scheduling, and budgeting, negotiation, project monitoring and control, project auditing and termination, and resource constrained project scheduling.

BUSE-E 590 Independent Study (1-3 cr.) Research, analysis, and discussion of current business-related issues for academic credit.

BUSE-E 592 E-Business (3 cr.) The transition to an information-based service economy is reality. This transition, fueled by internet-based technology, is having a significant impact on how business is conducted and how businesses are structured. This course will examine the impact and potential of web-based technology on business principles and practices.

BUSE-E 594 Business Analysis and Valuation (3 cr.) Use of financial statement data to: analyze business strategy; assess accounting policies and estimates for analysis and valuation purposes; evaluate financial performance utilizing financial ratio and cash flow measures; and forecast a firm's future to estimate a firm's value. Resulting information is used in a variety of decision-making contexts.

BUSE-E 595 Advanced Corporate Finance (3 cr.)
P: Director Permission: Typically taken in last year of program completion.

BUSE-E 596 Intermediate Accounting II (3 cr.) This course provides a more detailed examination of U.S. financial reporting topics, with an introduction to International Financial Reporting Standards. Topics include reporting for liabilities, stock holders' equity, financial reporting of taxes and leases, error reporting, and full disclosure in financial reporting.

BUSE-F 501 Foundations in Accounting (3 cr.) An introduction and overview of financial and managerial accounting concepts.

BUSE-F 502 Foundations in Finance (3 cr.) An introduction of basic financial concepts from the business managers perspective, including use of financial statements, discounted cash flow analysis and valuation, and capital budgeting.

BUSE-F 503 Foundations in Economics (3 cr.) An introduction and overview of both microeconomics and macroeconomics.

BUSE-F 504 Foundations in Marketing (2 cr.) Basic concepts and principles in Marketing, including strategic elements in Marketing and the Marketing mix.

BUSE-F 505 Foundations in Quantitative Tools (3 cr.) An introduction to and overview of basic quantitative literacy and statistical methods.

BUSE-F 506 Foundations in Management (2 cr.) Foundational level of discussion of topics relevant to management and organizations.

BUSE-G 533 Auditing (3 cr.) In-depth study of the process of auditing, attestation, and assurance services in an advanced technological environment. Includes coverage of auditing and attestation standards, the code of professional conduct, auditor's legal responsibilities, fraud auditing, and the emerging issues of global auditing.

BUSE-H 542 Advanced Financial Accounting (3 cr.) This course addresses generally accepted accounting principles applied to business combinations, international transactions, segments and partnerships.

BUSE-H 546 Advanced Corporate Taxation (3 cr.) The course will address advanced corporate taxation issues including corporate formation, mergers and acquisitions, liquidations. The course material also covers tax topics specific to corporations such as when to make the Corporate S election and the accumulated earnings tax.

BUSE-Z 506 MANAGING THE TEAM-BASED ORG (3 cr.) This course introduces students to managerial practices and principles of effective team-based organizations. Students learn how to manage team-based organizations, designed to contribute to different types of performance objectives: cost reduction, quality improvement, new product development, mass customization, and process re-engineering. The basics of team management are covered as well.

BUS-F 151 Personal Finances of the College Student (1 cr.) Introduction to the basic planning tools and concepts for college-age financial literacy. Emphasis on financial decisions and challenges facing a typical college student. Topics include careers, goal setting, budgeting, tax planning and credit, including options for financing higher education. Foundation of the Financial Literacy curriculum.

BUS-F 260 Personal Finance (3 cr.) Financial problems encountered in managing individual affairs; family budgeting, use of credit, insurance, home ownership, investing in securities, retirement and estate planning.

BUS-F 301 Financial Management (3 cr.) P: BUS-C 104, ECON-E 150 or ECON-E 201, BUS-A 202, and ENG-W 231, ENG-W 234 or ENG-W 290 all with C- or better. Pre-Business students cannot register for this course. Corporate finance emphasizing investment, dividend, and financing decisions. Topics include analysis of financial statements, risk and rates of return, discounted cash flow analysis, stock and bond valuation, capital budgeting, cost of capital, capital structure, dividend policy, short-term financial management.

BUS-F 302 Financial Decision (3 cr.) P: BUS-F 301 and ECON-E 270. Application of financial theory and techniques of analysis in the search for optimal solutions to financial management problems.

BUS-F 410 Financial Institutions & Markets (3 cr.) P: BUS-F 301. This course looks at the intermediary roles played by the various types of financial institutions and markets. Besides understanding the differences between different institutions, such as commercial banks, credit unions, savings associations, and insurance companies, the course also covers issues related to the management and regulation of financial institutions, role of central banking, and the conduct of monetary policy. Although the primary emphasis is on the functions of financial institutions, different types of financial markets, such as mortgage, money, and capital markets, and related issues are also covered.

BUS-F 420 Equity and Fixed Income Investments (3 cr.) P: BUS-F 301 and ECON-E 200 or ECON-E 202. Individual investment policy and strategy, security analysis and portfolio management, investment performance, measurement tools, basic and derivative securities used in the investment process, survey of ethics in the investment

profession, and experience in trading practices through simulation.

BUS-F 446 BANK & FINANCL INTERMEDIATION (3 cr.) This course covers the broad area of financial intermediation. The main topics studies are (i) the economic role of financial intermediaries--with an emphasis on commercial banks; (ii) the management of financial intermediaries; (iii) the regulation of commercial banks and other financial institutions.

BUS-F 490 Independent Study in Finance (1-3 cr.) P: Consent of instructor. Students choose one of two options in completing this course: (1) Supervised individual study and research work. The student will propose the investigation desired and, in conjunction with the instructor, develop the scope of work to be completed. (2) Supervised internship, application filed through Career Development Center; provides work experience in cooperating firms or agencies. Both options require written report. S/F grade only for internships.

BUS-F 494 International Finance. (3 cr.) P: BUS-F 301. Financial management of foreign operations of the firm. Financial constraints of the international environment and their effect on standard concepts of financial management. Study of international currency flows, forward cover, and international banking practices.

BUS-G 300 Introduction to Managerial Economics and Strategy (3 cr.) Microeconomic analysis and its applications to business decision making. Includes topics of demand and consumer behavior, production and costs, theory of firms, and public policy toward business. Focuses on the applied aspects of microeconomics.

BUS-G 406 BUS ENTERPRISE & PUBLIC POLICY (3 cr.) This course is about areas of government regulation that affect business, including Antitrust Laws, Consumer Protection, Natural Monopoly, the Politics of Regulation, and Pollution. A business's ability to deal with such regulations is often the single most important determination of its profitability.

BUS-H 411 Management of Long-Term Care Facilities (3 cr.) This course covers the organization and management of long-term care facilities, with particular emphasis on skilled care nursing homes. Topics include community and client exchanges, the legal and regulatory environment, financing and reimbursement, clinical organization and processes of care delivery, and managing the organization.

BUS-J 401 Administrative Policy (3 cr.) P: Graduating Senior, BUS-F 301, BUS-K 321, BUS-M 301, BUS-P 301 and BUS-Z 302. Administration of business organizations; strategy formulation, organization, methods, and executive control. Should be taken in final semester. Authorization required.

BUS-J 490 Independent Study in Personnel Management and Organizational Behavior (1-3 cr.) Consent of instructor. Written report required.

BUS-K 201 The Computer in Business (3 cr.) P: Either BUS-A 201 or ECON-E 150 or ECON-E 201. Introduction to the role of computers and other information technologies in business. Provides instruction in both functional and conceptual computer literacy. Conceptual computer literacy is the focus of the weekly lecture. After

introducing the basic concepts of computer use, these lectures devote special attention to current technological innovation in social and business environments. Topics include technology and organizational change, telecommunications, privacy in the information age, and business security on the Internet. Functional computer literacy includes use of a spreadsheet (Excel), a relational database (Access), and electronic communications software (e-mail and WWW browsers), as well as the applications of these skills to solve a variety of business problems.

BUS-K 321 Management of Information Technology (3 cr.) P: SPCH-S 121, ENG-W 231 or W-234, and a minimum of 45 credit hours. C: BUS-K 201. Pre-Business students cannot register for this course. Introduction to Management Information Systems (MIS), including the key building blocks of information systems, namely: hardware, software, telecommunications (including the Internet/intranet/extranet), databases and DBMS. The focus of this course is on using and managing information technologies to derive business value.

BUS-K 327 DETER MODELS IN OPER RES (3 cr.) This course provides an intense immersion into the problem solving and troubleshooting processes, including critical thinking and the analytical decision-making tools used by companies to solve a variety of problems.

BUS-K 330 Special Topics : Information Tech. Mgmt. Issues (3 cr.) P: BUS-K 321. Focuses on key information technology issues that exist in the business world that must be managed, dealt with, and resolved. Such issues include running IT like a business, technology leadership and partnership, outsourcing, IT resources and staffing, client server systems management, telecommunications, and the IT infrastructure to support business initiatives.

BUS-K 335 Information Systems Analysis and Design (3 cr.) P: BUS-K 321. In-depth treatment of the theory and practice of management information systems including information requirements analysis, design methodology, and system implementation considerations.

BUS-K 340 Enterprise Resource Planning Systems (3 cr.) P: BUS-K 321. This course introduces students to Enterprise Resource Planning (ERP) systems, software that runs all business areas of an organization. The topics include the managerial and technical issues in planning, designing, implementing, and extending enterprise systems and technologies. Hands-on exercises and discussions will be used to demonstrate process improvement methodologies, system integrations, and ERP implementations.

BUS-K 350 DATA ANALYTICS & VISUALIZATION (3 cr.) The objective of this course is to introduce students to Business Analytics with an emphasis on data management and visualization. The topics include data analytics processes, data acquisition, preparation, analysis, and presentation using various visualization techniques. Practical, hands-on computer lab experiences include advanced usage of spreadsheet software and other software tools that allow the user to transform data into useful information.

BUS-K 352 PREDICT & PRESCRIPT ANALYTICS (3 cr.) The course provides an overview of the area of business analytics and then focuses on predictive and prescriptive

analytics concepts and methods, along with practical experience with their effective application to a variety of real-world problems.

BUS-K 440 Business Intelligence (3 cr.) P: BUS-K 321. The objective of this course is to introduce students to Business Intelligence (BI), including the processes, methodologies, infrastructure, and current practices used to transform data into useful information for decision making purposes. The topics include data management principles, data models, and BI technologies for report design and development, data warehouse, data mining, and online analytical processing (OLAP). Practical, hands-on computer lab experience includes structured query language (SQL) and advanced usage of spreadsheet software. The major ideas and techniques are reinforced through class assignments on real-life business data analysis involving BI techniques and tools.

BUS-L 201 Legal Environment of Business (3 cr.) Examines the nature and functions of law as related to business. Specific areas covered include contracts, tort, corporate employment, international, product liability, property, securities, and antitrust.

BUS-L 303 Commercial Law II (3 cr.) P: BUS-L 201. Law of real and personal property. Legal problems encountered in marketing goods, including sale of goods, securing credit granted, nature and use of negotiable instruments.

BUS-M 300 Introduction to Marketing (3 cr.) Examination of the U.S. market economy and marketing institutions. Decision making and planning from a manager's point of view; impact of marketing actions from a consumer's point of view. Note: No credit toward a degree in business. This class is for non-business majors only.

BUS-M 301 Introduction to Marketing Management (3 cr.) P: ECON-E 200 or ECON-E 202, SPCH-S 121, ENG-W 231 or W 234, and a minimum of 45 credit hours. Pre-Business students cannot register for this course. Overview of marketing for all undergraduates. Marketing planning and decision making examined from firm's point of view; marketing concept and its company-wide implications; integration of marketing with other functions. Market structure and behavior and their relationship to marketing strategy. Marketing system viewed in terms of both public and private policy in a pluralistic society.

BUS-M 303 Marketing Research (3 cr.) P: BUS-M 301 and ECON-E 280. Focuses on the role of research in marketing decision making. Topics include research ethics, problem formulation, research design, data collection procedures, design of data collection forms, sampling issues, data analysis, and the interpretation of results.

BUS-M 325 Selling (3 cr.) The role of selling in the economy, in the organization, and in marketing management. Selling as a profession. The dynamics of salesperson-customer interaction. Skills, techniques, and strategies of selling.

BUS-M 330 Personal Persuasion Strategy and Customer Relations Management (3 cr.) P: BUS-M 301 or BUS-M 300. This course is designed to provide insights into the sales profession by examining the role

of persuasive communication and customer relationship management behaviors, principles, strategies, and actions. It will provide students an opportunity to plan, practice, and review those verbal behaviors associated with sales call success in order to persuade others to think differently regarding ideas, opinions, products, and services.

BUS-M 337 MARKETING MESSAGES (3 cr.) Examines the psychological principles and characteristics of marketing messages that influence the thoughts and actions of others. Provides students with an opportunity to create persuasive sales and marketing messages, both oral and written.

BUS-M 365 Internet Marketing (3 cr.) P: BUS-M 300 or BUS-M 301. Designed to prepare students to manage marketing efforts in digital environments. Provides comprehensive exposure to digital marketing concepts, and the opportunity to develop and apply strategies and tactics to digital marketing problems. Topics may include the internet value chain, digital positioning and branding, managing social networks, integrated communications on digital media, digital competition, virtual merchandising, and e-commerce strategies.

BUS-M 380 MARKET ANALYTICS (3 cr.) This course provides you with the skills and tools required to understand and perform marketing analytics. Concisely, market analytics refers to the quantitative analysis of data to guide marketing decision making. With the increasing prevalence of internet and computers, marketing managers are faced with massive amounts of market and customer data. As such, companies are increasingly taking into account job applicants' knowledge of market analytics when making employment decisions.

BUS-M 401 INTERNATIONAL MARKETING (3 cr.) Application of strategic marketing concepts and theory to the international arena. Stresses development of global perspective in understanding the uncontrollable forces affecting international operations and their impact upon the marketing mix. Examines the various marketing functions within an international perspective.

BUS-M 405 Consumer Behavior (3 cr.) P: BUS-M 301. This course provides a detailed understanding of how marketers create value for customers, what motivates shoppers to buy, how consumers process information and make decisions, persuasion techniques, cross-cultural influences on consumer behavior, and the impact of sustainable business practices on consumer choice.

BUS-M 415 Advertising and Promotion Management (3 cr.) P: BUS-M 300 or BUS-M 301. Basic advertising and sales-promotion concepts. The design, management, and integration of a firm's promotional strategy. Public policy aspects and the role of advertising in marketing communications in different cultures.

BUS-M 421 Fundamentals of Negotiation (3 cr.) Provides exposure to the concepts of negotiations in both the national and international environments, including negotiation strategies and tactics, influence, third-party intervention, audience effects, nonverbal communication, and ethical and cultural aspects. Case studies, simulations, and guest speakers are used throughout the course.

BUS-M 425 Services Marketing (3 cr.) P: BUS-M 300 or BUS-M 301. This course explores the unique challenges of marketing services. Topics include the expanded marketing mix for services, the management of services, the evaluation of service quality, techniques for service improvement, the increased importance of the right people - both employees and customers - in service environments, and the use of marketing techniques to achieve service breakthroughs. Concepts from management and operations management are incorporated to provide a more holistic view of services marketing.

BUS-M 426 Sales Management (3 cr.) Students will engage in an interactive exploration of the strategic and tactical issues important to managing a professional sales organization. Key topics will include organizing a sales force, recruiting, training, compensation, motivation, forecasting, territory design, evaluation, and control. Lectures and case studies.

BUS-M 435 DIGITAL MARKETING (3 cr.) Introduces students to principles and concepts of digital marketing. Explores popular online platforms and tools used by organizations to accomplish marketing objectives.

BUS-M 450 Marketing Strategy and Policy (3 cr.) P: BUS-M 303 and BUS-M 405. Ideally taken in student's final semester. Capstone course for marketing majors. Draws on and integrates materials previously taken. Focuses on decision problems in marketing strategy and policy design and application of analytical tools for marketing and decision making.

BUS-M 490 Special Studies in Marketing (3 cr.) Supervised individual study and research in student's special field of interest. The student will propose the investigation desired and, in conjunction with the instructor, develop the scope of work to be completed. Consent of instructor and written report required.

BUS-P 301 Operations Management (3 cr.) P: SPCH-S 121, ENG-W 231 or W 234, and a minimum of 45 credit hours. Pre-Business students cannot register for this course. Production and its relationship to marketing, finance, accounting, and human resource functions are described. Forecasting demand, aggregate planning, master scheduling, capacity planning, and material planning provide the basis for linking strategic operations plans. Other topics include facilities design, performance measurement, productivity improvement, quality control, JIT, TOC, and project management.

BUS-P 330 Project Management (3 cr.) P: BUS-P 301. This course will introduce the student to the full range of project management topics, concerns, problems, solution methods, and decision processes. These areas include: project selection, project organizational structures, negotiation, project planning, project scheduling and resource loading, project budgeting, project monitoring and control, project auditing, and project termination.

BUS-P 421 Supply Chain Management (3 cr.) P: BUS-P 301. This course focuses on the strategic design of supply chains with a particular focus on understanding customer value. Supply chain strategy examines how companies can use the supply chain to gain a competitive advantage. Students develop the ability to conceptualize, design, and implement supply chains aligned with product, market, and

customer characteristics. The course approaches supply chain management from a managerial perspective and introduces concepts in a format useful for management decision making including using case analysis, team-based learning and business presentations.

BUS-P 430 Total Quality Management (3 cr.) P: BUS-P 301. Introduces students to concepts of total quality management. Methods and application of quality control techniques commonly used in manufacturing and service organizations are presented. Research and theory relevant to quality concepts such as the economics and measurement of quality, the evolution of total quality management, team building and employee empowerment, vendor relations, elementary reliability theory, customer relations and feedback, quality assurance systems, statistical quality control, preventive maintenance programs, and product safety and liability are discussed.

BUS-P 440 SUPPLY CHAIN PLN & CTRL (3 cr.) This course expands on the concepts learned in BUS-P 301 - Operations Management, and describes the use of planning and control systems to manage material flows and capacities in operations. Topics covered include demand management, forecasting, sales and operations planning, master production scheduling, material requirements planning, capacity management, production activity control, and inventory management. Operations planning and control is an integrative function in business that is critical in linking the planning activities in many areas of business, including marketing, operations, finance, and human resources, etc.

BUS-P 490 Independent Study in Production Management and Industrial Engineering (1-3 cr.) P: Consent of instructor. For production majors with a career interest in some area of production other than industrial engineering. Literature in student's special field of interest. Written report required.

BUS-R 300 PRINCIPLES OF REAL ESTATE (3 cr.)

BUS-W 100 PRINCIPLES OF BUSINESS ADMIN (3 cr.) An introduction to functional areas of business tracing the evolution of business, business forms, the role of government and society, relationships between administrators and employees, ethical issues, and the globalization of world markets. Ideal for pre-business students or students of any major desiring a basic understanding of business.

BUS-W 211 Contemporary Entrepreneurship (3 cr.) Survey course designed to enable students to explore the vast opportunities of entrepreneurship. Multidisciplinary approach that examines the macro- and micro-conditions that encourage entrepreneurship. Course objectives are: (1) to learn the basic concepts of entrepreneurship; (2) to understand the human side of entrepreneurship; and, (3) to encourage entrepreneurial thinking by the student and enable the student to evaluate the personal prospects for entrepreneurship.

BUS-W 301 Principles of Management. (3 cr.) P: Junior or Senior Standing. Designed to synthesize knowledge of principles and functions of management: planning, organizing, staffing, directing, controlling, and decision making.

BUS-W 311 New Venture Creation (3 cr.) P: Junior or Senior standing. This course helps students identify viable career options in entrepreneurship, expand their basic knowledge of the entrepreneurial process, and develop a repertoire of venture management skills.

BUS-W 320 Leadership and Ethics (3 cr.) P: Junior or Senior Standing. Students are introduced to ethics concepts and leadership skills, with a particular emphasis on demonstrating how ethics and leadership are complementary areas of emphasis for an effective leader. Ethics and leadership must be considered together in order to produce leaders who have the foresight to consider issues of responsibility, accountability, and the full impact of their actions, as well as a skill set that will empower them to implement their vision.

BUS-W 406 Venture Growth Management (3 cr.) By the end of this course students should be able to identify and solve key challenges faced by growing firms

BUS-W 430 Organizations and Organizational Change (3 cr.) P: BUS-Z 302, BUS-W 301. Analysis and development of organizational theories with emphasis on environmental dependencies, sociotechnical systems, structural design, and control of the performance of complex systems. Issues in organizational change, such as appropriateness of intervention strategies and techniques, barriers to change, organizational analysis, and evaluation of formal change programs.

BUS-W 490 Independent Study in Business Administration (1-3 cr.) P: Consent of instructor. Supervised individual study and research in student's special field of interest. Students will propose the research topic desired and, in conjunction with the instructor, develop the scope of work to be completed. Written report required.

BUS-X 204 BUSINESS COMMUNICATIONS (3 cr.) Theory and practice of written communication in business; use of correct, forceful English in preparation of letters, memoranda, and reports.

BUS-X 220 Career Perspectives (1 cr.) Assists students in developing career goals. Academic planning, career exploration, and planning in the fields of business and economics. Must be taken before the student completes 60 credit hours.

BUS-Z 301 Organizational Behavior and Leadership (3 cr.) This class introduces the principles of organization design - the blueprint by which different parts of the organization (e.g., production, marketing, financial, accounting, and computer information systems) fit together to create an effective organization. Organization design provides the means by which strategy and goals are implemented so it is as important to a firm's overall performance as financial performance, operational efficiencies or market share.

BUS-Z 302 Managing and Behavior in Organizations (3 cr.) P: SPCH-S 121, PSY-P 101, ENG-W 231 or W 234 and a minimum of 45 credit hours. Pre-Business students cannot register for this course. Integration of behavior and organizational theories. Application of concepts and theories toward improving individual, group, and organizational performance. Builds from a behavioral

foundation toward an understanding of managerial processes.

BUS-Z 440 Personnel-Human Resource Management (3 cr.) P: SPCH-S 121, PSY-P 101 or P 102, ENG-W 231 or W 234. C: BUS-Z 302 Nature of human resource development and utilization in modern organizations. Establishment and operation of a total human resource program. Includes recruitment, selection, training and development, performance appraisal, reward systems, benefit programs, role of personnel department, and role of government.

BUS-Z 441 Wage and Salary Administration (3 cr.) P: BUS-Z 440 and ECON-E 270. Survey of problems faced by modern managers of compensation systems. In-depth look at the roles of company, government, union, and employee in the design and administration of total compensation systems. A description of the type of wage and salary systems currently in use, their advantages and disadvantages, and extent of current use.

BUS-Z 443 Developing Employee Skills (3 cr.) P: BUS-Z 440. Employee Skills Development is a broad, ongoing multifaceted set of activities (training activities among them) intended to bring someone, or an organization, up to another threshold of performance, often to perform some job or new role in the future. The course explores identifying gaps in performance, determining the best interventions to improve performance, and assessing the outcomes of those interventions.

BUS-Z 444 Personnel Research and Measurement (3 cr.) P: BUS-Z 440. Personnel research through review and evaluation of studies in appropriate journals, opportunity to master personnel measurement techniques. Job analysis, job evaluation, wage curve computation, predictor validation techniques, morale measurement, and personnel auditing.

BUS-Z 445 Human Resource Selection (3 cr.) P: BUS-Z 440. Prepares the student in effective ways to identify the best candidates for a position through a structured, job-focused interviewing process, where interviewers have effective interviewing skills and understand the legal aspects of employment practices.

CHEM-C 100 The World as Chemistry (3 cr.) The World as Chemistry is a general education course for non-science majors. It is designed to explore chemistry in the context of the real social, political, and environmental world around us. No previous chemistry experience is required.

CHEM-C 101 Elementary Chemistry I (3 cr.) One year of high school algebra or equivalent is recommended. Introduction to chemistry. Usually taken concurrently with CHEM-C 121. Lectures and discussion. The two sequences, CHEM-C 101/121 and CHEM-C 102/122, usually satisfy programs that require only two semesters of chemistry. Admission to advanced courses on the basis of CHEM-C 101-C 121 and CHEM-C 102-C 122 is granted only in exceptional cases. May be taken by students who have deficiencies in chemistry background in preparation for CHEM-C 105 without credit toward graduation. Credit given for only one of the following chemistry courses: CHEM-C 101, CHEM-C 104, CHEM-C 105.

CHEM-C 102 Elementary Chemistry II (3 cr.)

Continuation of CHEM-C 101. Usually taken concurrently with CHEM-C 122. The chemistry of organic compounds and their reactions, followed by an extensive introduction to biochemistry. Lectures and discussion. Credit not given for both CHEM-C 102 and CHEM-C 341.

CHEM-C 104 Physical Sciences and Society (3

-5 cr.) One year of high school algebra or equivalent is recommended. An integrated survey of modern applications and relationships of physical sciences to society developed from the basic concepts of motion, structure of matter, energy, reactions and the environment, and leading to considerations of specific problem areas such as pollution, drugs, energy alternatives, consumer products, and transportation. May be taken by students deficient in chemistry background without credit toward graduation in preparation for CHEM-C 105. Credit not given for both CHEM-C 104 and CHEM-C 101 or CHEM-C 105. The 5 credit hour version of this course includes laboratory work.

CHEM-C 105 Principles of Chemistry I (3 cr.)

Two years of high school algebra or equivalent is recommended. Should be taken concurrently with CHEM-C 125. Basic principles, including stoichiometry, equilibrium, atomic and molecular structures. Lectures and discussion. Credit given for only one of these chemistry courses: CHEM-C 101, CHEM-C 104, CHEM-C 105.

CHEM-C 106 Principles of Chemistry II (3 cr.)

P: CHEM-C 105 with a C or better. Should be taken concurrently with CHEM-C 126. Chemical equilibria, structures, and properties of inorganic compounds. Lectures and discussion.

CHEM-C 120 Chemistry Laboratory (2 cr.)

P: CHEM-C 100. C: CHEM-C 100. Illustration of chemical principles with applications to biology, the environment, and health.

CHEM-C 121 Elementary Chemistry Laboratory I (2 cr.)

P: CHEM-C 101. C: CHEM-C 101. An introduction to the techniques and reasoning of experimental chemistry. Credit not given for both CHEM-C 121 and CHEM-C 125.

CHEM-C 122 Elementary Chemistry Laboratory II

(2 cr.) P: CHEM-C 102. C: CHEM-C 102. Continuation of CHEM-C 121. Emphasis on organic and biochemical experimental techniques. Credit not given for both CHEM-C 122 and CHEM-C 343.

CHEM-C 125 Experimental Chemistry I (2 cr.)

P: CHEM-C 105. C: CHEM-C 105. An introduction to laboratory experimentation, with particular emphasis on the molecular interpretation of the results. Credit not given for both CHEM-C 121 and CHEM-C 125.

CHEM-C 126 Experimental Chemistry II (2 cr.)

P: CHEM-C 125, CHEM-C 106 with a C or better. C: CHEM-C 106. A continuation of CHEM-C 125, with emphasis on synthesis and analysis of compounds.

CHEM-C 301 Chemistry Seminar 1 (1 cr.) Permission of instructor. Independent study and reading, with emphasis on basic chemistry and interdisciplinary applications. Research reports and discussions by students and faculty.

CHEM-C 302 Chemistry Seminar 2 (1 cr.) Permission of instructor. Independent study and reading, with emphasis

on basic chemistry and interdisciplinary applications. Research reports and discussions by students and faculty.

CHEM-C 303 Environmental Chemistry (3 cr.)

P: CHEM-C 341 with a C or better. Selected topics in environmental chemistry such as atmospheric pollution, ozone hole, photochemical smog, acid rain, greenhouse effect, ground water pollution, water treatment, fate of toxic organic substances, metals in the environment, and treatment of hazardous wastes.

CHEM-C 305 Environmental Chemistry Seminar I

(1 cr.) P: 25 credit hours of chemistry including CHEM-C 303 and CHEM-C 333 with a GPA of at least 2.5. C: CHEM-C 333. Independent study and reading, with emphasis on basic chemistry and environmental chemistry applications. Research report and discussion by students and faculty. The chosen topic must relate to the environment.

CHEM-C 310 ANALYTICAL CHEMISTRY (3 cr.)

Lectures dealing with fundamental analytical processes including solution equilibria, theory and applications of electrochemistry and spectrophotometry.

CHEM-C 315 Chemical Measurements and Laboratory

(3 cr.) P: CHEM-C 317, CHEM-C 318 with a C or better. C: CHEM-C 318. Experimental techniques in chemical analysis and instrumentation.

CHEM-C 317 Equilibria and Electrochemistry (3 cr.)

P: CHEM-C 106 with a C or better. MATH-M 215 recommended. Treatment of analytical data; chemical equilibrium; aqueous and nonaqueous acid-base titrimetry; complex formation titrations; gravimetric analysis, redox titrations, electrochemical theory; potentiometry; voltammetry; coulometry.

CHEM-C 318 Spectrochemistry and Separations (3 cr.)

P: CHEM-C 317 with a C or better. Ultraviolet, visible, infrared, and luminescence spectrophotometry; flame and electrical discharge techniques. Phase equilibria and extractions; countercurrent distribution; gas, thin-layer, liquid, and high-performance liquid chromatography.

CHEM-C 333 Experimental Environmental Chemistry

(2 cr.) C: CHEM-C 303. A laboratory course of selected experiments that are relevant in the analysis and characterization of pollutants in air, soil, and water samples. Techniques that emphasize sampling and analytical procedure. Basic analytical principles and instrumentation. Field trips to water and wastewater treatment facilities.

CHEM-C 341 Organic Chemistry I Lectures (3 cr.)

P: CHEM-C 106 with a C or better. Chemistry of carbon compounds. Nomenclature; qualitative theory of valence; structure and reactions. Syntheses and reactions of major classes of monofunctional compounds. Credit given for only one of the courses CHEM-C 102, CHEM-C 341.

CHEM-C 342 Organic Chemistry II Lectures (3 cr.)

P: CHEM-C 341 with a C or better. Syntheses and reactions of polyfunctional compounds, natural and industrial products; physical and chemical methods of identification.

CHEM-C 343 Organic Chemistry I Laboratory (2 cr.)

P: CHEM-C 126, CHEM-C 341 with a grade of C or better. C: CHEM-C 341. Laboratory instruction in the fundamental

techniques of organic chemistry and the use of general synthetic methods. Credit not given for both CHEM-C 122 and CHEM-C 343.

CHEM-C 344 Organic Chemistry II Laboratory (2 cr.)

P: CHEM-C 343, CHEM-C 342 with a C or better. C: CHEM-C 342. Preparation, isolation, and identification of organic compounds; emphasis on qualitative organic analysis.

CHEM-C 361 Physical Chemistry of Bulk Matter (3 cr.)

P: CHEM-C 106, MATH-M 216, PHYS-P 202 or PHYS-P 222 with grades of C or better. Thermodynamics laws, free energy and chemical potentials, gases and dilute solutions, phase transitions, colligative properties, chemical equilibria, ionic solutions, chemical kinetics and transport processes, current topics.

CHEM-C 362 Physical Chemistry of Molecules (3 cr.)

P: CHEM-C 106, MATH-M 216, PHYS-P 202, or PHYS-P 222 with grades of C or better. Quantum states and spectroscopy of molecules, statistical thermodynamics, and elementary kinetic theory, current topics.

CHEM-C 364 Introduction to Basic Measurements

(3 cr.) P: CHEM-C 361 or CHEM-C 362. C: CHEM-C 361 or CHEM-C 362. Graduated laboratory practice relating elementary principles of measurement technologies to current research applications.

CHEM-C 390 Special Topics (1-5 cr.) P: Permission of instructor. Course content varies. Offered periodically.

CHEM-C 403 History of Chemistry I (1 cr.) P: Senior standing, consent of instructor. Development of significant chemical knowledge and concepts up to 1830. Lectures, student reports, discussion.

CHEM-C 409 Chemical Research (1-6 cr.) P: Permission of instructor. To be elected only after consultation with the course director and the undergraduate advisor. Cannot be substituted for any course required in chemistry major. A research thesis is required.

CHEM-C 430 Inorganic Chemistry (3 cr.) P: CHEM-C 341 with a grade of C or better. CHEM-C 342. Structure and bonding of inorganic compounds, survey of chemistry of nonmetal and metal elements, coordination compounds, organometallic compounds, mechanisms and reactions.

CHEM-C 443 Organic Spectroscopy (3 cr.) P: CHEM-C 342. Elucidation of molecular structures by use of IR, UV, NMR, mass spectroscopy, and other methods.

CHEM-C 444 Organic Spectroscopy Laboratory (2 cr.)

P: CHEM-C 443 or consent of instructor. C: CHEM-C 443. Hands-on instrumentation experimental work concerning detailed structure elucidation of organic compounds using Ultraviolet-Visible (UV-Vis), Infrared (IR), Nuclear Magnetic Resonance (NMR), and Gas Chromatography-Mass Spectrometry (GC-MS).

CHEM-C 445 Advanced Organic Chemistry Laboratory

(3-5 cr.) P: CHEM-C 443 or consent of instructor. C: CHEM-C 443. Experimental problems in organic analysis and synthesis.

CHEM-C 470 Polymer Chemistry (3 cr.) P: CHEM-C 342

with a C or better. Introduction to syntheses, structures, properties, and uses of polymeric substances.

CHEM-C 484 Biomolecules and Catabolism (3 cr.)

P: CHEM-C 342 and BIOL-L 101, BIOL-L 102, or BIOL-L 100 with a C or better. The study of Biological structures and interactions; reactions, kinetics, and mechanisms; equilibrium and thermodynamics.

CHEM-C 485 Biosynthesis and Physiology (3 cr.)

P: CHEM-C 484 with a C or better. Biosynthetic pathways, expression of genetic information, molecular physiology.

CHEM-C 486 Biochemistry Laboratory (3 cr.) P: CHEM-C 484. C: CHEM-C 484. Laboratory experience in biochemistry, including biomolecule isolation, purification, enzyme kinetics, and biomolecule characterization electrophoresis, centrifugation, spectroscopic methods, and chromatography.

CHEM-C 490 Individual Study (1-6 cr.) P: Written permission of faculty member supervising the study. Must complete written report of each semester's work.

CHEM-F 410 BEER CHEMISTRY (3 cr.) Many people enjoy drinking beer. Beer has been a staple in human history for thousands of years. Though the knowledge of molecules that make the chemistry may not have been known until recent times, knowledge and consumption of beer has been welcomed, praised, and worshiped for more than 7000 years. What is the chemistry of beer? We will examine the components (or elements) of beer and discuss the chemistry behind them and what makes beer so delicious. The first element, water provides the solvent. Grains (or malts) provide carbohydrates. Hops, a modern addition, provide flavor and antibacterial properties. And the fourth element, Yeast, is the organism that makes it all possible with its ability to ferment the sugars to ethanol. All four combined together make what many of us enjoy, Beer.

CHEM-T 510 INORGANIC CHEMISTRY (3 cr.) This course introduces fundamental concepts of inorganic chemistry including descriptive chemistry, bonding in coordination chemistry, organometallic chemistry, special topics in inorganic chemistry and biological inorganic chemistry.

CHEM-T 540 Physical Chemistry (3 cr.) This course will touch on all the fundamental areas of Physical Chemistry. Emphasis is placed on content that expands the students' knowledge in the key areas and relates to concepts that are likely to be taught in introductory chemistry courses.

CHEM-Y 398 Internship - Professional Practice in Chemistry (1-5 cr.) P: Junior or Senior standing in a bachelor degree (or second semester sophomore status in associate degree) and consent of faculty sponsor. Registration is required and authorization obtained from the Career Development Center. Designed to provide opportunity for students to receive credit for career-related work. Evaluation by employer and faculty sponsor. S/F Grading.

CJUS-P 100 Introduction to Criminal Justice (3 cr.)

P: Freshman or sophomore standing. Historical and philosophical background, structure, functions, and operations of the criminal justice system in the United States; introduction to and principles of formal behavior control devices.

CJUS-P 199 Careers in Criminal Justice (1 cr.) The purpose of the course is to acquaint students with the

career options available to them after completion of a Criminology and Criminal Justice degree. These options include work with a bachelor's degree both in and out of the criminal justice field. In addition, students will become familiar with a variety of graduate degrees that can be earned after completion of a bachelor's degree. Students will be familiar with campus resources for career exploration and participate in activities designed to clarify their career goals. Finally, students will learn how to design their plans of study to meet the requirements for graduation with a degree in Criminology and Criminal Justice, and at the same time, to enhance their career objectives.

CJUS-P 200 Theories of Crime and Deviance (3 cr.)

Critical examination of biological, psychological, and sociological theories of crime and deviance. Examination of individual, group, and societal reactions to norm-violating behaviors. Class must be taken on IUS campus.

CJUS-P 250 Issues in Criminal Justice (3 cr.) Thorough review and analysis of issues currently facing the criminal justice system. Topics vary each semester.

CJUS-P 295 Criminal Justice Data, Methods, and Resources (3 cr.) P: CJUS-P100, CJUS-P200, ENG-W131, MATH-M118 all with a C or higher. This course examines basic concepts of criminal justice. Students become familiar with research techniques necessary for systematic analysis of the criminal justice system, offender behavior, crime trends, and program effectiveness. Students will learn to critically evaluate existing research. Students will become familiar with existing sources of criminal justice data and will learn to assess the quality of that data. Class must be taken on IUS campus.

CJUS-P 300 Topics in Criminal Justice (3 cr.) P: CJUS-P 100 with a C or higher. Extensive analysis of selected topics and themes in criminal justice. Topics vary each semester; see listing in the Schedule of Classes.

CJUS-P 301 Police and Contemporary Society (3 cr.)

P: CJUS-P 100, CJUS-P295 with a grade of C or higher. Examination of the rules and responsibilities of the police, history of police organizations, relations between police and society, and determinations of police action.

CJUS-P 302 Courts and Criminal Justice (3 cr.)

P: CJUS-P 100, CJUS-P295 with a grade of C or higher. Structure, organization, composition, functions, and procedures of courts in the United States. Role of lawyers and judges in the criminal justice system.

CJUS-P 303 Corrections and Criminal Justice (3 cr.)

P: CJUS-P 100, CJUS-P295 with a grade of C or higher. Historical and comparative e-survey of prison confinement and the various alternatives within the scope of the criminal justice system's policies and methods of implementation.

CJUS-P 306 Drugs, Society, and Justice (3 cr.)

P: CJUS-P 100 with a C or higher. Analysis of the political, economic, social and cultural factors that shape the use of consciousness-altering substances. Consideration of the way these factors influence the social and legal response to drug use.

CJUS-P 313 Conflict Management (3 cr.) P: CJUS-P

100 with a C or higher. This course will provide students with a fundamental knowledge and understanding of

the nature of interpersonal conflict associated with law enforcement professionals. This course will begin by introducing students to the theories of human nature and build upon their understanding of conflict and conflict management for an organizational behavior perspective. Based upon the perspectives of these two schools of thought, this course will identify the principles associated with conflict management (social responsibility, compassion, and fairness). Finally, this course will identify the four characteristics or the 'plumbline' of conflict management (cultural intelligence, ethical behavior, effective interpersonal communication, and proficient use of power and authority) that provide the student with necessary skill to develop a personalized method for managing conflicts effectively on multiple levels.

CJUS-P 316 Crime in the Movies (3 cr.) P: CJUS-P 100 with a C or higher. This course is designed to examine the way that crime and criminals have been portrayed throughout the last 80 years in popular movies. Crime has always been a favorite source of material for Hollywood, and we will be exploring the way that the depiction of criminal activity reflects the social mores of a particular era. Thus, this course draws from a variety of disciplines as we critique the films and analyze the messages they convey about crime and criminals in society.

CJUS-P 320 Foundations of Criminal Investigations (3 cr.) P: CJUS-P 100 with a C or higher. The pertinence to criminal investigation of physical evidence, people, and documents. Discussion of ethical problems, impact of legal systems on investigative process, and elements of effective testimony. Lectures and case materials.

CJUS-P 325 Principles of Forensic Investigation (3 cr.) This course focuses on how a criminal offender is influenced by a variety of factors within the psychosocial environment. The class will examine the legal arenas and investigate procedures involved in dealing effectively with the system's most serious and chronic offenders.

CJUS-P 330 Criminal Justice Ethics (3 cr.) P: CJUS-P 100 with a C or higher. Study of major ethical theories with emphasis on their application to components of the criminal justice system. Personal and professional dilemmas and problem-solving will be emphasized.

CJUS-P 335 Race, Gender, and Inequality in the Criminal Justice System (3 cr.) P: CJUS-P 100 with a C or higher. This course is designed to examine the influence of gendered and race relations impacts on crime and justice.

CJUS-P 345 Terrorism (3 cr.) A survey of the incidence of terror with particular emphasis on public policy responses designed to combat terrorism. Special emphasis will be placed on the role of the criminal justice system in combating domestic and foreign terrorism.

CJUS-P 362 Sex Offenders (3 cr.) P: CJUS-P 100 and CJUS-P 200 with a C or higher. Examines a wide range of topics related to sex offenders, such as theories of deviance, sex crimes, sex addictions, pedophilia, adolescent offenders, rape and sexual assault, incest, legal responses, predator laws, risk assessment, and treatment. Content of interest to future investigators, prosecutors, police officers, and probation and treatment specialists.

CJUS-P 372 Evidence (3 cr.) P: CJUS-P 100. The rules of law governing proof at a trial of disputed issues of fact, burden of proof presumption and judicial notice; examination, impeachment, competency, and privileges of witnesses; hearsay rule and exception; all related as nearly as possible to criminal as opposed to civil process.

CJUS-P 373 Correctional Law (3 cr.) P: CJUS-P 100. Legal problems from conviction to release; pre-sentence investigations, sentencing, probation and parole, incarceration, loss and restoration of civil rights.

CJUS-P 374 Substantive Criminal Law (3 cr.) P: CJUS-P 100 with a grade of C or higher. The development, limitations, and application of substantive criminal law utilizing the case study method.

CJUS-P 375 The American Juvenile Justice System (3 cr.) P: CJUS-P 100, CJUS-P295 with a grade of C or higher. Structure and operation of the juvenile justice system in the United States, past and present. Analysis of the duties and responsibilities of the police juvenile officer, the juvenile court judge, and the juvenile probation officer.

CJUS-P 376 Procedural Criminal Law (3 cr.) P: CJUS-P 100 with a grade of C or higher. Criminal law application and procedure from the initiation of notice activity through the correctional process, utilizing the case-study method.

CJUS-P 407 Terrorism (3 cr.) P: CJUS-P 100. Terrorism is a serious challenge today and its policing demands varied responses. In this course we study how terrorists evolve and carry out their operations. The course will analyze police responses and debate the issues of legal boundaries and systems of checks and balances using case studies.

CJUS-P 411 Criminal Justice Management (3 cr.) P: CJUS-P 100 with a C or higher. Examination of the ideas and concepts from various disciplines contributing to modern administrative theory, and translation of these insights to the management of criminal justice agencies.

CJUS-P 413 Police-Community Relations (3 cr.) P: CJUS-P 100 with a grade of C or higher. Examination of the relations between police and urban communities. Consideration of the social, economic, and political factors that shape these relations and alternative approaches to improving police-community relations.

CJUS-P 416 Capital Punishment (3 cr.) P: CJUS-P 100 with a grade of C or higher. Consideration of issues raised by the use of the death penalty in the United States. Emphasis of critical thinking and open dialogue.

CJUS-P 423 Sexuality and the Law (3 cr.) Interdisciplinary analysis of topics pertaining to sexuality and the law. Examination of legal and cultural debates regarding sexual images and acts, the criminalization of motherhood, the international prostitution industry, and mass rape.

CJUS-P 426 JUVENILE DELINQUENCY (3 cr.) Focus on the critical analysis of the impact of significant individual, social, and institutional influences on delinquency including the family, delinquent peer groups, schools, and the community to respond to the question, "What causes juveniles to break the law?"

CJUS-P 457 Seminar on White-Collar Crime (3 cr.) The nature and incidence of white-collar crime. In addition to

studying the etiological theories relating to white-collar crime, the course will also focus on both the criminal and civil (regulatory) process used to control corporate, organizational, and elite misconduct.

CJUS-P 458 Wrongful Conviction (3 cr.) P: CJUS-P 100 with a grade of C or higher. Investigates the factors associated with wrongful convictions and discusses possible remedies for minimizing such miscarriages of justice. The goal of this course is to systematically describe, explain, analyze and evaluate the factors associated with, and the consequences of, the wrongful prosecution, conviction, and incarceration of the innocent in the American criminal justice system. Includes a review of actual allegations of innocence by inmates currently in our prisons, and case-studies of wrongly convicted individuals who have been exonerated.

CJUS-P 470 Senior Seminar in Criminal Justice (3 cr.) P: Senior standing (permission only); CJUS-P 100, CJUS-P295 with a grade of C or higher. A detailed examination of the major efforts designed to control or reduce crime, a review of existing knowledge is followed by an investigation of current crime control theories, proposals and programs.

CJUS-P 471 Comparative Study of Criminal Justice Systems (3 cr.) Comparison of the American criminal justice system with those of other federated nations and of selected unitary states.

CJUS-P 493 Seminar in Criminal Justice (3 cr.) Intensive study and analysis of selected problems in criminal justice. Topics will vary.

CJUS-P 495 Individual Readings (1-6 cr.) P: CJUS-P 495 with a C or higher. Individual study project under guidance of faculty member or committee. Students and instructor will complete a form agreeing on responsibilities at the beginning of the relevant semester.

CJUS-P 496 Research Internship (1-3 cr.) P: CJUS-P 100 with a C or higher. Active participation in a research project and related activities under the direction of a faculty member. Students and instructor will complete a form agreeing on responsibilities at the beginning of the relevant semester.

CJUS-P 522 Conflict Management (3 cr.) This course will provide students with a fundamental knowledge and understanding of the nature of interpersonal conflict associated with law enforcement professionals. This course will begin by introducing students to the theories of human nature and build upon their understanding of conflict and conflict management for an organizational behavior perspective. Based upon the perspectives of these two schools of thought, this course will identify the principles associated with conflict management (social responsibility, compassion, and fairness). Finally, this course will identify the four characteristics or the 'plumline' of conflict management (cultural intelligence, ethical behavior, effective interpersonal communication, and proficient use of power and authority) that provide the student with necessary skill to develop a personalized method for managing conflicts effectively on multiple levels.

CJUS-P 550 Topics in Criminal Justice and Public Safety (3 cr.) 'Variable' Topics in Criminal Justice and Public Safety.

CJUS-P 623 VIOLENT BEHAVIOR (3 cr.) Critical analysis of current theory and research on violent behavior utilizing a multidisciplinary framework. Topics include concepts and methods in the study of violence; prediction of violence; family and sexual violence; institutional violence; drugs and violence; and prevention of violent behavior.

CLAS-C 205 CLASSICAL MYTHOLOGY (3 cr.) An introduction to Greek and Roman myths, legends, and talks, especially those which have an important place in the Western cultural tradition.

CLAS-C 209 MED TERMS FROM GREEK & LATIN (3 cr.) Basic vocabulary of some 1,000 words, together with materials for formation of compounds, enables student to build working vocabulary of several thousand words. Designed for those intending to specialize in medicine, nursing, dentistry, or microbiology.

CLAS-L 100 ELEMENTARY LATIN I (3 cr.) Fundamentals of the language; develops direct reading comprehension of Latin.

CLAS-L 150 ELEMENTARY LATIN II (3 cr.) Fundamentals of the language; develops direct reading comprehension of Latin.

CLAS-L 200 SECOND-YEAR LATIN I (3 cr.) Reading from selected authors, emphasizing the variety of Latin prose. Examination of the concept of genre. Grammar review or prose composition.

CMCL-C 202 Media in the Global Context (3 cr.) P: SPCH-S 122, TEL-T 102 and sophomore standing; or consent of the instructor. This course focuses on the present and the future of global media and international advertising: understanding worldwide markets and strategic communication practices in very different cultural, regulatory and competitive conditions.

CMCL-C 290 Hollywood I (3 cr.) An overview of film history from its beginnings to the present, emphasizing major developments in narrative cinema. Credit given for only one CMCL-C 290 or CMLT-C 290.

CMCL-C 315 Advertising & Consumer Culture (3 cr.) P: SPCH-S 122 and TEL-T 102 or consent of the instructor. Critical examination of advertising's role in modern societies. Focuses on marketing and consumption as central activities in shaping personal identity and social relations.

CMCL-C 337 New Media (3-6 cr.) Develops frameworks for understanding new media technologies in social contexts. Compares computing, networked digital media, and social media to prior eras of technological change, focusing on interactions among technological, industrial, regulatory, social, and cultural forces.

CMCL-C 392 Media Genres (3 cr.)

CMCL-C 424 Communication Research Methods (3 cr.) P: ENG-W 290 or TEL-R 311; MATH-A 118 or M 118 or higher with grade of C or better, and Junior standing; or consent of instructor. Focuses on the objective appraisal of behavioral data in the study of speech communication.

Introduces the theoretical foundation of empirical social science and offers guidelines for conducting descriptive and experimental studies.

CMCL-C 427 CROSS CULTURAL COMMUNICATION (3 cr.) A survey study of national, cultural, and cross-cultural persuasion in theory and practice.

CMCL-C 324 Persuasion (3 cr.) P: TEL-T 102 and Junior standing or consent of instructor. This course is designed to introduce students to the theories, principles and practice of persuasive communication. First, students will review the basic principles of oral communication. Second, the course will familiarize students with key persuasion concepts and will provide an overview of theoretical approaches to the study and practice of persuasion. Third, the course will focus on factors that influence the success or failure of persuasive strategies and techniques in contexts of advertising, marketing, branding, and public relations. Students will have ample opportunities to directly apply knowledge acquired through the lectures, readings and in-class interactions to the analysis and production of persuasive materials.

CMCL-C 337 New Media (3 cr.) P: TEL-T 102 and Junior standing; or consent of the instructor. Develops frameworks for understanding new media technologies in social contexts. Compares computing, networked digital media, and social media to prior eras of technological change, focusing on interactions among technological, industrial, regulatory, social, and cultural forces.

CMLT-C 145 Major Characters in Western Literature (3 cr.) Comparative analysis of the literary treatment of mythical and archetypal characters in different periods and traditions, such as: Electra (Euripides, O'Neill, Giraudoux), Tristan (Gottfried, Tennyson, Wagner), Faust (Marlowe, Goethe), Don Juan (Tirso de Molina, Molière, Pushkin, Shaw).

CMLT-C 146 Major Themes in Western Literature (3 cr.) Comparative analysis of recurrent themes and motifs in Western literature, such as the French Revolution or the quest (man's search for material or spiritual values). Selected works from diverse genres and historical periods, ranging from the ancient epic to the contemporary novel and drama.

CMLT-C 190 An Introduction to Film (3 cr.) Nature of film technique and film language; analysis of specific films and introduction to major critical approaches in film studies.

CMLT-C 205 Comparative Literary Analysis (3 cr.) Introduction to basic concepts of literary criticism through comparative close readings of texts from a variety of literary genres, fiction, poetry, drama, essay; and from diverse traditions.

CMLT-C 216 Science Fiction, Fantasy, and the Western Tradition (3 cr.) Historical and comparative survey of science fiction and fantasy narrative from antiquity to the present. The origin of scientific narrative in ancient Greek literature, its relation to ancient myths, and its history and development. Emphasis on philosophical, cognitive, and scientific aspects of the genre.

CMLT-C 217 Detective, Mystery, and Horror Literature (3 cr.) Origins, evolution, conventions, criticism, and theory of the detective mystery story; history of the Gothic

novel; later development of the tale of terror; major works of this type in fiction, drama, and film.

CMLT-C 313 Narrative (3 cr.) Historical and analytical study of various forms of narrative literature. Examination of narrative as a primary literary genre and analysis of such diverse forms as myth, folktale, epic, romance, gospel, saint's life, saga, allegory, confession, and novel.

CMLT-C 335 Realism, Naturalism, and Symbolism (3 cr.) The rise of Realism in 19-century fiction and its development into Naturalism and Impressionism; the Symbolist reaction in poetry; the re-emergence of the drama as a major genre. Such authors as Dickens, Flaubert, Tolstoy, Mallarmé, Ibsen, Hauptmann, Strindberg, Chekhov.

CMLT-C 392 Genre Study in Film (3 cr.) Topic varies; the evaluation of typical genres; problems of generic description or definition; themes, conventions, and iconography peculiar to given genres, etc.

CMLT-C 393 History of European and American Films 1 (3 cr.) A survey of development of cinema during the period 1895-1926 (the silent film era). Particular attention paid to representative work of leading filmmakers, emergence of film movements and development of national trends, growth of film industry, and impact of television.

CMLT-C 394 History of European and American Films 2 (3 cr.) A survey of European and American cinema since 1927. Particular attention paid to representative work of leading filmmakers, emergence of film movements and development of national trends, growth of film industry, and impact of television.

CMLT-C 490 Individual Studies in Film and Literature (1-3 cr.) P: Consent of chairperson of film committee.

CMLT-C 151 Introduction to Popular Culture (3 cr.) The serious study of entertainment for mass consumption, including popular theatre and vaudeville, bestsellers, mass circulation magazines, popular music, phonograph records, and popular aspects of radio, film, and television. Provides the basic background to other popular culture courses in comparative literature.

CMLT-C 391 Film Theory and Aesthetics (3 cr.) Study of classical and contemporary schools of film theory.

COAS-I 400 International Studies Capstone Seminar (3 cr.) P: Department Consent. Students will complete a senior thesis or project within their area of concentration. This may be as an independent study for the purpose of writing a research paper or may be through a faculty-led seminar, if offered.

COAS-J 151 Career Exploration and Development (1 cr.) Provides an opportunity to explore career options and define career objectives through the use of recognized occupational preference tests, self-evaluation techniques, guest lecturers, and outside readings. Intended for freshmen and sophomores.

COAS-Q 161 Library Skills and Resources (1 cr.) Discuss the techniques and skills for researching term papers, speeches, and other library projects, and give students the opportunity to explore the potential of a large academic library. Students learn to identify and locate

information in libraries for class assignments and personal interests.

COAS-S 100 Topic - Ballroom 1: Waltz & Rumba (1 cr.)

This workshop provides instruction and practice in the dance steps and rhythms of Waltz and Rumba.

COAS-S 100 Topic - Ballroom 2: Tango & Mambo

(1 cr.) This course provides instruction and practice in the dance steps and rhythms of Tango and Mambo.

COAS-S 100 Topic - Ballroom 3: Foxtrot & Cha Cha (1 cr.)

This course provides instruction and practice in the dance steps and rhythms of Foxtrot and Cha Cha.

COAS-S 100 Topic - Rhythm 1: Merengue & West Coast Swing (1 cr.)

This course provides instruction and practice in the dance steps and rhythms of Merengue and West Coast Swing.

COAS-S 100 Topic - Rhythm 2: East Coast Swing & Samba (1 cr.)

This course provides instruction and practice in the dance steps and rhythms of East Coast Swing and Samba.

COAS-S 100 Topic - New York Hustle & Bolero (1 cr.)

This course provides instruction and practice in the dance steps and rhythms of New York Hustle and Bolero.

COAS-S 100 Topic - Rhythm 4: Waltz and Slow Dance. (1 cr.)

This course provides instruction and practice in the dance steps and rhythms of Viennese Waltz and Slow Dance.

COAS-S 100 Topic - Career and Academic Planning (1 cr.) ARL

This course teaches students how to use available tools to aid them in the self-exploration of their interests, skills, and values to better develop their major and career decisions. This course will help students develop a systematic, planned career-decision making strategy. Students will define possible schools and majors offered at IUS. Then analyze which school or majors would be a good fit to begin moving forward and develop their 4-year academic and career plans.

COAS-S 100 Workshop: Variable Title (1 cr.) 1-unit workshop with variable titles, corresponding to specific special and current topics in the arts and sciences, nursing, health and physical recreation, and career and academic exploration.

COAS-S 154 Pathways (1 cr.) This course teaches students how to use tools available to aid them in their academic planning, explore course majors and interests, increase their academic problem solving skills, enhance their social networking skills, and expand their financial planning skills as it relates to college success.

COAS-S 200 Workshop in Special Topics (0-3 cr.)

Specialized workshops on a topical basis to be offered to non-traditional populations. May be offered by TV, radio, weekend college, etc.

COAS-S 399 INTERNSHIP (0-6 cr.) An internship is an educational experience related to a student's degree program and career plan which applies what the student has learned to work situations. It involves a student, employer, and university sponsor. See

Career Development Center for more information and to register.

COAS-S 399 Internship in History (3 cr.)

P: At least junior standing and 12 credit hours of related work; prior arrangement with individual faculty member. Faculty-supervised experience in museum work, history preservation, historical societies, oral history, or other history-related fieldwork in private and public institutions. May be taken only once.

COAS-S 399 Internship Political Science (Topic ID 25)

(1-6 cr.) **P:** Junior or senior standing, approval of the dean and the Career Development Center. Designed to provide opportunities for student to receive credit for selected career-related work.

COAS-S 400 Workshop in Special Topics (1-6 cr.)

COAS-S 399 Internship in Informatics Professional Practice (1-3 cr.)

P: Approval of Informatics Coordinator and completion of 100- and 200-level requirements in informatics. Students gain professional work experience in an industry or research organization setting, using skills and knowledge acquired in informatics course work.

COAS-W 100 Introduction to Business (3 cr.)

A survey of the business field and its operations in the contemporary economic, political and social environment.

CSCI-A 121 Cyberspace Influences on Privacy, Security and Society (3 cr.)

P: CSCI-C 106 or EDUC-W 200 with a C or better. Examines the impacts of computerization in the United States. From family life, private organizations, and public organizations to government at all levels, computerization is affecting and creating the complex interdependencies between technology and social groups. We will survey recent changes to many topics, including intellectual property rights, e-government, online security, online privacy, digital currency, online gambling, universal access, online education, medical devices, and media convergence.

CSCI-A 201 Introduction to Programming (3 cr.)

MATH-M 101 or high school equivalent is recommended. Fundamental programming constructs, including loops, arrays, classes, and files. General problem-solving techniques. Emphasis on modular programming, user-interface design, and developing good programming style. Not intended for computer science majors or minors.

CSCI-A 202 Computer Programming (3 cr.)

P: CSCI-A201 or CSCI-C 201 with a C or better. Computer programming, algorithms, program structure, arrays, stacks-procedures, functions, modularization parameter-passing-mechanisms, recursion vs. iteration, and issues of programming style. Computer solutions of problems in diverse fields.

CSCI-A 211 Word Processing Applications (3 cr.)

P: CSCI-C 106 or EDUC-W 200 with a C or better. This course introduces the student to word processing techniques used in creating letters, forms, and reports. The student will use styles, outlines, tables, and field codes in documents and templates. Advanced topics include merging documents, customizing the Word environment, and integrating the features of Word with other software applications.

CSCI-A 212 Spreadsheet Applications (3 cr.) P: CSCI-C 106 or EDUC-W 200 with a C or better. This course introduces the student to spreadsheet techniques used in creating professional-looking worksheets. Students will use formulas, functions, charts, graphs, and logical functions. Advanced topics include advanced filtering, importing data, creating pivot tables, database functions, and integrating Excel with other software applications.

CSCI-A 213 Database Applications (3 cr.) P: CSCI-C 106 or EDUC-W 200 with a C or better. This course introduces the student to database techniques. The student will develop tables, custom forms, reports, and queries. Advanced topics include developing ASP pages for the World Wide Web, developing and understanding relationship database design, macros, managing, securing a database, and integrating Access with the Web and other programs.

CSCI-A 221 Multimedia Programming (1.5 cr.) P: CSCI-C 106 or EDUC-W 200 with a C or better. This course introduces the student to creating dynamic Web pages. Emphasis is placed on problem-solving techniques using a Web-based programming language. Lecture and laboratory.

CSCI-A 247 Network Technologies and Administration (3 cr.) P: CSCI-C 106 or EDUC-W 200 with a C or better. Introduction to network principles and current network technology, both hardware and software. Network administration tools and techniques. Laboratory provides practical experience.

CSCI-A 290 TOOLS FOR COMPUTING (3 cr.)
Exploration of topics in computing. Common topics include tools for power users.

CSCI-A 346 USER-INTERFACE PROGRAMMING (3 cr.)
Learn to prototype and build graphical user interfaces for computer applications. Contemporary software design methodology. Students design and implement prototype interfaces to applications provided by the instructor. Extensive use will be made of both commercial and experimental software tools.

CSCI-A 348 Mastering The World Wide Web (3-4 cr.)
P: Two semesters of programming experience, or equivalent, and some knowledge of operating systems. Project-oriented course leading to ability to maintain a fully functional web site. Topics include internet network protocols and web programming, server administration, protocols, site design, and searching and indexing technologies.

CSCI-B 438 Fundamentals of Computer Networks (3 cr.) P: CSCI-C 202 or INFO-I 211 with a C or better. Theory and practice of data communications between computing devices. Topics include network architecture and topology, wide-area networks, local-area networks, and ISO network layers.

CSCI-B 461 Database Concepts (4 cr.) P: CSCI-C 251 or INFO-I 201, CSCI-C 335 and CSCI-C 343 with grades of C or better. Introduction to database concepts and systems. Topics include database models and systems: hierarchical, network, relational, and object-oriented; database design principles; structures for efficient data access; query languages and processing; database applications development; views; security; concurrency;

recovery. Students participate in a project to design, implement, and a query a database, using a standard database system.

CSCI-B 481 Interactive Graphics (3 cr.) P: CSCI-C 343, MATH-M 303. Computer graphics techniques. Introduction to graphics hardware and software. Two-dimensional graphics methods, transformations, and interactive methods. Three-dimensional graphics, transformations, viewing geometry, object modeling, and interactive manipulation methods. Basic lighting and shading. Video and animation methods. Credit given for only one of CSCI-B 481 and CSCI-B 581.

CSCI-B 490 SEMINAR IN COMPUTER SCIENCE (3 cr.)
Special topics in computer science.

CSCI-B 503 ALGORITHMS DESIGN AND ANALYSIS (3 cr.) Models, algorithms, recurrences, summations, growth rates. Probabilistic tools, upper and lower bounds; worst-case and average-case analysis, amortized analysis, dynamization. Comparison-based algorithms: search, selection, sorting, hashing. Information extraction algorithms (graphs, databases). Graphs algorithms: spanning trees, shortest paths, connectivity, depth-first search, breadth-first search.

CSCI-B 545 Enterprise Hardware Infrastructure (3 cr.) P: CSCI-C 335 and CSCI-B 438 with grades of C or better, or instructor consent. This course explores the management of technology resources across the infrastructure with a focus on hardware. Topics include network architecture and its management, the relationship of network hardware to operating systems and network protocols, and infrastructure communication.

CSCI-B 549 ENTERPRISE SFTWRE ARCHITECTURE (3 cr.) This course explores the analysis, design, implementation, evaluation, and management of enterprise IT solutions. Emphasis will be placed on planning and modeling characteristics of the enterprise. Topics include functional modeling, physical architecture design, security planning and recovery issues, project management, emerging technologies, and ethical, financial and global considerations.

CSCI-B 561 ADVANCED DATABASE CONCEPTS (3 cr.) Database models and systems: especially relational and object-oriented; relational database design theory; structures for efficient data access; query languages and processing; database applications development; views. Transaction management: concurrency and recovery.

CSCI-C 100 Computing Tools (1 cr.) An introduction to computing applications useful in college and career work. Topics include microcomputer operating systems; word processing; spreadsheet, database, and communications software; and other software applications.

CSCI-C 105 Introduction to C/C++ Programming (3 cr.)
This course is an introduction to computer programming using C/C++. The emphasis is on structured programming principles, and understanding the basic concepts that apply to scientific and engineering problems. Among topics covered in this course are: problem solving using top down design, using flowcharts to explain the program logic, selection structure, repetition structure, bitwise operations, arrays, pointers, strings, passing arguments, and sequential files.

CSCI-C 106 Introduction to Computers and Their Use (3 cr.) An introduction to computers and their use in information systems: use of standard application programs; foundations of information systems design and development; survey of programming languages. Satisfies the basic computer literacy requirement.

CSCI-C 201 Computer Programming II (4 cr.) Two years of high school mathematics and some programming experience is recommended. Computer programming and algorithms. Basic programming and program structure. Computer solutions of problems. A computer language will be taught. Lecture and discussion.

CSCI-C 202 Computer Programming (4 cr.) P: CSCI-C 201 or INFO-I 210 with a C or better. Computer programming, algorithms, program structure, arrays, stacks, queues, binary trees; procedures, functions, parameter-passing mechanisms, recursion vs. iteration, and issues of programming style. Computer solutions of problems such as data analysis, sorting, searching, and string and text manipulation.

CSCI-C 203 Cobol and File Processing (3-4 cr.) P: CSCI-C 201. Computer programming and algorithms. Application to large file processing functions of an organization.

CSCI-C 237 Operating Systems and Job Processing (3-4 cr.) P: CSCI-C 202, CSCI-C 335. A functional level approach to the study of operating systems. The major components of at least two operating systems are studied. Various jobs are run under these operating systems.

CSCI-C 251 Foundations of Digital Computing (4 cr.) P: CSCI-C 201 or INFO-I 210 and MATH-M 118 or higher with grades of C or better. MATH-M 119 is recommended. Boolean algebra and propositional logic. Set algebra, including mappings and relations. Elements of graph theory and statistical analysis. Application of all topics to computer programming.

CSCI-C 311 Programming Languages (4 cr.) P: CSCI-C 202 or INFO-I 211 and CSCI-C 335 with grades of C or better. Systematic approach to programming languages. Relationships among languages, properties and features of languages, and the computer environment necessary to use languages. Lecture and laboratory.

CSCI-C 335 Computer Structures (4 cr.) P: CSCI-C 201 or INFO-I 210 with a C or better. CSCI-C 202 or INFO-I 211 is recommended. Structure and internal operation of computers, stressing the architecture and assembly language programming of a specific computer. Additional topics include digital hardware and microprogramming. Lecture and laboratory.

CSCI-C 343 Data Structures (4 cr.) P: CSCI-C 202 or INFO-I 210 and CSCI-C 251 or INFO-I 201 with grades of C or better. Systematic study of data structures encountered in computing problems, structure and use of storage media, methods of representing structure data, techniques for operation on data structures. Lecture and laboratory.

CSCI-C 346 Software Engineering (4 cr.) P: CSCI-C 343 with a C or better. The theory and practice of software engineering applied to the design and implementation of software systems. Course topics include practical issues of software requirement analysis and specification, design,

modeling, tools, project management, construction, testing, deployment, and operation and maintenance, as well as computing ethics and professional practice.

CSCI-C 390 Individual Programming Laboratory (1-3 cr.) P: Department consent. Before enrolling, a student must arrange for an instructor to supervise the activity. Student will design, program, verify, and document a special project assignment selected in consultation with the instructor.

CSCI-C 421 Digital Design (3-4 cr.) P: CSCI-C 251, CSCI-C 335. Organization and logic design of digital systems. Course presents a structured design philosophy, emphasizing hardware building blocks, circuit synthesis, microprogramming. In the laboratory students build, study, and debug a working minicomputer from elementary hardware components. Lecture and laboratory.

CSCI-C 431 Assemblers and Compilers I (4 cr.) P: CSCI-C 311, CSCI-C 335, and CSCI-C 343 with grades of C or better. Design and construction of assemblers, macroprocessors, linkers, loaders, and interpreters. Compiler design and construction, including lexical analysis, parsing, code generation, and optimization.

CSCI-C 445 Information Systems I (3-4 cr.) P: CSCI-C 343. Analysis, design and implementation of information systems from user needs to a running system. Hardware organization and its impact on storage structures. Structures and techniques for accessing and updating information: primary and secondary indices, sequential and multilinked files. Computer modeling of information using hierarchical, network and relational techniques and operations with these models. Current database system and query languages.

CSCI-C 455 Analysis of Algorithms (4 cr.) P: MATH-M 216 or MATH-M 120 and CSCI-C 343 with grades of C or better. Models, algorithms, recurrences, summations, growth rates. Probabilistic tools, upper and lower bounds; worst-case and average case analysis, amortized analysis, dynamization. Comparison-based algorithms: search, selection, sorting, hashing. Information extraction algorithms (graphs, databases). Graph algorithms: spanning trees, shortest paths, connectivity, depth-first search, breadth-first search.

CSCI-C 458 Intelligent Robots (4 cr.) P: CSCI-C 343 with C or better or consent of instructor. This course presents a broad overview of robotics in practice and research with topics including: robot control, perception, localization, planning, mapping, navigation, learning, and swarm approaches. The course focuses on a hands-on approach to introducing the concepts in robotics, using autonomous mobile robots.

CSCI-C 463 Artificial Intelligence I (4 cr.) P: CSCI-C 311 and CSCI-C 343 with grades of C or better. Historical roots, philosophical thesis, and goals of artificial intelligence research. Basic problem-solving methods. Heuristics and heuristic search. Game-playing programs. Reasoning and knowledge representation. Predicate calculus, semantic networks, frames, and other representation systems. Introduction to production systems. Goal-directed systems.

CSCI-C 490 Seminar in Computer Science (1-3 cr.)

P: Consent of instructor. Special topics in computer science.

CSCI-N 211 Introduction to Databases (3 cr.)

P: CSCI-C 106 or EDUC-W 200 with a C or better. Summary of basic computing topics. Introduction to database design concepts, creation of user forms, development of databases, querying techniques, and building reports. Focus on relational database systems from development and administration point of view. Lecture and laboratory.

CSCI-N 341 Introduction to Client-side Web

Programming (3 cr.) P: CSCI-C 201 or INFO-I 210 with a C or better. Introduction to programming focusing on the client sided programming environment. Essential algorithm design, client-side programming using languages commonly embedded in Web browsers. Lecture and laboratory.

CSCI-N 342 Server-side Programming for the Web

(3 cr.) P: CSCI-C 201 or INFO-I 210 with a C or better. Designing and building applications on a Web server. Focuses on issues of programming applied to Web servers. Emphasis on relational databases concepts, data design, languages used on the server, transaction handling, and integration of data into Web applications.

CSCI-P 422 Web Enterprise Systems (4 cr.) In this class, you will learn to use various software packages that support web programming systems. Topics include appropriate programming language essentials, database design and development, application configuration, web controls, user authentications, form validations, master pages, email notifications, payment handling, transaction security, etc. Students will develop an advanced web/database application with respect to current industry standards of web/database applications.

CSCI-P 434 Distributed Systems (4 cr.) P: CSCI-C 343 and CSCI-C 237. Principles of distributed systems including system design, distributed algorithms, consistency and concurrency, and reliability and availability. The role of these foundational issues in distributed file systems, distributed computing, and data-driven systems.

CSCI-P 436 Introduction to Operating Systems (4 cr.)

P: CSCI-C 343 & CSCI-C335 with a C or better. C: CSCI-C311. Organization and construction of computer systems that manage computational resources. Topics include specification and implementation of concurrency, process scheduling, storage management, device handlers, and mechanisms for event coordination. Lecture and laboratory.

CSCI-P 445 Capstone Project I Design (2-4 cr.)

P: CSCI-C 346 and ENG-W 234 or ENG-W 290 with grades of C or better. Student teams, under supervision of university faculty or an external sponsor, choose a design project, investigate alternate solutions and submit a preliminary project design. Periodic oral and written project progress reports are required. Course topics include practical issues of software design, development, quality assurance, and deployment, as well as computing ethics and professional practice. This course should be completed in the student's final Fall semester. CSCI-P445 and P446 must be completed as a Fall/Spring Sequence. If a student fails to complete CSCI-P446 the semester

immediately following the completion of CSCI-P445, the student must repeat CSCI-P445 in a future semester in order to complete the sequence.

CSCI-P 446 Capstone Project II Implementation

(2-4 cr.) P: CSCI-P 445 with a C or better in the semester immediately preceding enrollment in P446. Student teams, under the supervision of university faculty or an external sponsor, complete the design and implement the project began in CSCI-P 445. Periodic oral and written project progress reports are required. The project will result in a software application, written report, and final presentation. Course topics include practical issues of software design development, quality assurance, and deployment, as well as computing ethics and professional practice. This course should be completed in the student's final Spring semester. CSCI-P445 and P446 must be completed as a Fall/Spring Sequence. If a student fails to complete CSCI-P446 the semester immediately following the completion of CSCI-P445, the student must repeat CSCI-P445 in a future semester in order to complete the sequence.

EALC-J 101 Elementary Japanese 1 (4 cr.) Introduction to the spoken and written Japanese language and to Japanese culture and civilization. Emphasis on practical use and understanding of everyday Japanese language and customs, to prepare the student for life in Japan or for interacting with Japanese people in the United States.

EALC-J 102 Elementary Japanese 2 (4 cr.) P: EALC-J 101 or Instructor Consent. Continuing introduction to the spoken and written Japanese language and to Japanese culture and civilization. Emphasis on practical use and understanding of everyday Japanese language and customs, to prepare the student for life in Japan or for interacting with Japanese people in the United States.

EALC-J 201 Second-Year Japanese 1 (3 cr.) P: EALC-J 102 or Instructor Consent. Continuation of EALC-J 102. Mainly practical spoken and written Japanese, and understanding Japanese lifestyles and ways of thinking.

EALC-J 202 Second-Year Japanese 2 (3 cr.) P: EALC-J 201 or Instructor Consent. Continuation of EALC-J 201. Mainly practical spoken and written Japanese, and understanding Japanese lifestyles and ways of thinking.

EALC-J 301 Third Year Japanese 1 (3 cr.) P: EALC-J 202 or equivalent or Instructor Consent. Review of grammatical points acquired in the first and second year Japanese. More advanced level of speaking, reading, writing, and listening proficiency.

EALC-J 302 Third Year Japanese 2 (3-4 cr.) P: EALC-J 301 or Equivalent or Instructor Consent. Review of grammatical points acquired in the first and second year of Japanese. More advanced levels of speaking, reading, writing and listening proficiency.

EALC-J 401 Fourth-Year Japanese I (3 cr.) P: EALC-J 302 or equivalent or Instructor Consent. Emphasis on advanced reading skills.

EALC-J 402 Fourth-Year Japanese II (3 cr.) P: EALC-J 401 Continuation of J401. To develop advanced skills in Japanese for speaking, reading, and writing.

EALC-J 498 Individual Studies in Japanese (1-3 cr.) P: Instructor Consent. A faculty directed study in Japanese

tailored to student interests and needs, pre-arranged between instructor and student.

EALC-J 491 Humanities Topics in Japanese (3 cr.)

P: Sophomore Standing. A course focused on teaching English in elementary school and the lower grades of Japanese junior high school, for students seeking to teach English in Japan. Students build actual skills in teaching English; making syllabi, lesson plans, exams, and grading rubrics. Students explore materials to cultivate understanding of the nature of teacher-student relationships in Japan; and how to conduct themselves in the proper manner in the Japanese school setting. Taught in English.

EALC-J 492 Hist/Cultural Topics Japanese (3 cr.)

P: Sophomore Standing. Emphasis on a topic in Japanese history or culture. Content selected to enhance specific language skills (reading, writing, speaking, listening).

ECON-E 101 Survey of Economic Issues & Problems (3 cr.)

For non-Business and non-Economics majors only. This is the first semester of a principles of Economics course for those who only need one Economics course. Basic economic principles applied to current social issues and problems. Topics covered will typically include inflation, unemployment, wage and price controls, welfare, social security, national debt, health programs, food prices, pollution, crime, mass transit, revenue sharing, multinationals, population, and energy. Not open to those with previous college-level economics courses.

ECON-E 103 INTRO TO MICROECONOMICS (3 cr.)

Scarcity, opportunity cost, competitive and non-competitive market pricing, and interdependence as an analytical core. Individual sections apply this core to a variety of current economic policy problems such as poverty, pollution, excise taxes, rent controls, and farm subsidies.

ECON-E 104 INTRO TO MACROECONOMICS (3 cr.)

Measuring and explaining aggregate economic performance, money, monetary policy, and fiscal policy as an analytical core. Individual sections apply this core to a variety of current economic policy problems such as inflation, unemployment, and economic growth.

ECON-E 200 Fundamentals of Economics and an Overview (3 cr.) Study of the basic institutions of market economy and the role they play in defining and pursuing economic goals in the U.S. economy. Emphasis is placed upon the effects of existing economic institutions; current economic policy alternatives as they affect both the individual and the society.

ECON-E 201 Introduction to Microeconomics (3 cr.)

P: MATH-M 102, M110, M112, M114, M118, A118, T101 or above with a C- or higher. Scarcity, opportunity cost, competitive and non-competitive market pricing, and interdependence as an analytical core. Individual sections apply this core to a variety of current economic policy problems, such as poverty, pollution, excise taxes, rent controls, and farm subsidies.

ECON-E 202 Introduction to Macroeconomics (3 cr.)

P: ECON-E 201. Measuring and explaining aggregate economic performance, money, monetary policy, and fiscal policy as an analytical core. Individual sections apply

this core to a variety of current economic policy problems, such as inflation, unemployment, and economic growth.

ECON-E 270 Introduction to Statistical Theory in Economics and Business (3 cr.)

P: MATH-M 122 or MATH-M118 and BUS-K 201 or EQUIVALENT EXCEL SKILLS. This course must be completed in the first 80 credit hours. Review of basic probability concepts, sampling, inference and testing statistical hypotheses. Applications of regression and correlation theory, analysis of variance and elementary decision theory.

ECON-E 280 Applied Statistics for Business and Economics I (3 cr.)

P: MATH-M 122 and BUS-K 201 or equivalent Excel skills. Summary measures of central tendency and variability. Basic concepts in probability and important probability distributions. Sampling, sampling distributions and basic estimation concepts such as confidence interval estimation and hypothesis testing. B.S. in Business students must complete ECON-E 280 and ECON-E 281 in first 80 hours of course work.

ECON-E 281 Applied Statistics for Business and Economics II (3 cr.)

P: BUS-K 201, MATH-M 119 and ECON-E 270 or MATH-K 300. Balanced coverage of statistical concepts and methods, along with practical advice on their effective application to real-world problems. Topics include simple and multiple linear regression, time-series analysis, statistical process control and decision making. Use of Excel in statistical applications required. B.S. in Business students must complete ECON-E 281 in first 80 hours of course work.

ECON-E 321 Intermediate Microeconomic Theory (3 cr.)

P: ECON-E 200 or ECON-E 202. Consumer and producer theory; pricing under conditions of competition and monopoly; allocation and pricing of resources; partial and general equilibrium theory and welfare economics.

ECON-E 322 Intermediate Macroeconomic Theory (3 cr.)

P: ECON-E 200 or ECON-E 202. Theory of income, employment, and the price level. Study of counter-cyclical and other public policy measures. National income accounting.

ECON-E 323 Urban Economics (3 cr.)

P: ECON-E 200 or ECON-E 202 and ECON-E 280 or ECON-E 270 and Junior standing. Introduction to basic concepts and techniques of urban economic analysis to facilitate understanding of urban problems; urban growth and structure, poverty, housing, transportation, and public provision of urban services.

ECON-E 333 International Economics (3 cr.)

P: ECON-E 200 or ECON-E 202. Forces determining international trade, finance, and commercial policy under changing world conditions; theory of international trade, monetary standards, tariff policy, trade controls.

ECON-E 338 Business & Economic Applications of Geographical Information Systems (3 cr.)

P: ECON-E 200 or ECON-E 202 and ECON-E 280 or ECON-E 270 and Junior standing. The use of Geographic Information Systems (GIS) has become a standard feature amongst government and corporate agencies either for resource management or planning. In the corporate world, GIS is heavily used in locating businesses or retail outlets, food industries, transportation networks, etc. In this course students will be exposed to various applications

of GIS with a primary focus on business and economic issues. This course does not cover GIS programming and development of application programs.

ECON-E 340 Introduction to Labor Economics (3 cr.)

P: ECON-E 200 or ECON-E 202. Economic analysis of labor markets, including market structure and labor market policies. Topics include minimum wage, mandated benefits, labor unions, discrimination, welfare policy.

ECON-E 350 Money and Banking (3 cr.) P: ECON-E 200 or ECON-E 202. Monetary and banking system of the United States; problems of money and prices, of proper organization and functioning of commercial banking and Federal Reserve systems, of monetary standards, and of credit control; recent monetary and banking trends.

ECON-E 363 ENVIR & NAT RESOURCE ECON (3 cr.)

Basic theory and policy of such topics as pollution, resource depletion, environmental risk and resource conservation. Issues covered include limits to growth, quality of life and the appropriate roles for the private market and federal control.

ECON-E 408 UNDERGRAD RDGS IN ECONOMICS (3 cr.) Individual readings and research. Restricted to majors in economics.

ECON-E 470 Econometric Theory and Practice (3 cr.)

P: ECON-E 200 or ECON-E 202 and ECON-E 281 The purpose of this course is to teach students to model and estimate economic problems effectively. Classical regression analysis and its most important exceptions (special cases) will be addressed. Understanding the intuition behind modeling the system and the subsequent results will also be heavily emphasized.

ECON-E 490 Advanced Undergraduate Seminar in Economics (3 cr.) Advanced intensive study of a topic area in economics. Topics will vary.

EDUC-A 399 Internship (0-6 cr.) An internship is an educational experience related to a student's degree program and career plan which applies what the student has learned to work situations. It involves a student, employer, and university sponsor. See Career Services for more information and to register.

EDUC-A 500 Introduction to Educational Leadership (3 cr.) P: Permission required. Organization and structure of the school system; legal basis of school administration; agencies of administration and control; and standards for administration in the various functional areas.

EDUC-A 508 School Law and the Teacher (1-3 cr.)

P: Permission required. Focuses primarily on legal concerns affecting teachers in public secondary schools. Topics include tort liability; church-state relations; expression rights; children with disabilities; conditions of employment; discrimination and harassment; student testing; collective bargaining; teacher life-style choices; copyright concerns; teach contracts; and dismissal, recordkeeping practices and student discipline.

EDUC-A 510 School-Community Relations (2-3 cr.)

P: Permission required. This course investigates characteristics of the community school, including the multicultural quality of the community. It also explores adapting the educational program to community needs,

using community resources in instruction, and planning school-community relations programs.

EDUC-A 590 Independent Study in Educational Leadership (1-3 cr.)

Individual research or study with School Administration faculty member, arranged in advance of registration. A one or two page written proposal should be submitted to the instructor during the first week of the term, specifying the scope of the project, project activities, meeting times, completion date, and student products.

EDUC-A 608 Legal Perspectives on Education (3 cr.)

P: Permission required. This course entails an overview of the legal framework affecting the organization and administration of public schools, including church-state issues, pupil rights, staff-student relationships, conditions of employment, teacher organizations, tort liability, school finance, and desegregation.

EDUC-A 625 Administration of Elementary Schools (3-6 cr.)

P: EDUC-A 500. Permission required. This course provides an overview of leadership at the elementary school level, including topics such as instructional leadership, personnel issues, managing support services and budgets, and building parent and community relationships.

EDUC-A 627 Secondary School Administration (3 cr.)

P: EDUC-A 500. Permission required. This course provides an overview of leadership at the secondary school level, including topics such as planning for instruction, personnel issues, managing support services and record keeping practices, coordinating extracurricular activities, and building parent and community relationships.

EDUC-A 635 Public School Budgeting and Accounting (3 cr.)

P: Permission required. This course explores the normative and positive aspects of financing K-12 public education. After a rigorous introduction to the foundation of school finance theory, the course investigates the concepts and practices of effective budget management.

EDUC-A 638 Public School Personnel Management (3 cr.)

P: Permission required. This course explores the background, present conditions, and future directions of school personnel management. It entails development and implementation of a school personnel management program and examination of problems and issues.

EDUC-A 695 Practicum in School Administration (1-3 cr.)

P: Permission of program coordinator. Provides closely supervised clinical experiences in various areas of educational leadership.

EDUC-E 325 Social Studies in the Elementary Schools (3 cr.)

P: Formal admission into teacher education. Development of objectives, teaching strategies, resources, and assessment procedures that facilitate the social learning of children in an integrated curriculum. Special attention is given to cognitive, affective, and psychomotor facets through concept learning, inquiry, decision making, values analysis, cooperative learning, and multicultural education. Students will participate in appropriate field experiences.

EDUC-E 328 Science in the Elementary Schools (3 cr.)

P: Formal admission into teacher education. Objectives, philosophy, selection, organization, and evaluation of

teaching methods and instructional materials. Inquiry teaching, concept development, field trip experiences, and use of multidisciplinary materials are stressed. Analysis of individual and group assessment processes are emphasized. Students will be expected to participate in appropriate field experiences.

EDUC-E 337 Classroom Learning Environments (3 cr.)

P: EDUC-F 200, EDUC-P 250, EDUC-P 251. This course focuses on the curriculum aspects of early childhood programs designed to meet ethnic and cultural differences and on planning, utilizing, and evaluating learning environments. Selection of materials and activities and the acquisition of skills for using these to stimulate children's development are major focuses.

EDUC-E 338 The Early Childhood Educator (3 cr.)

Includes the role of the teacher as a professional educator including professional responsibilities, legal rights and responsibilities of teachers and students, school and community relations, and involvement in professional organizations. A major emphasis is on parent involvement and parent education.

EDUC-E 339 Methods of Teaching Language Arts (3 cr.)

P: Formal admission into teacher education. Development of language in the child with emphasis on linguistics, creative language, dramatics, usage, handwriting, spelling, listening, and writing process. Attention given to individual and group processes of teaching, to the whole language approach, to disability and cultural awareness, and to appropriate kinds of hardware and software. Students will participate in appropriate field experiences.

EDUC-E 340 Methods of Teaching Reading I (3 cr.)

P: Formal admission into teacher education. General overview of the reading program with emphasis on development, content, word recognition and comprehension skills and strategies, the whole language approach, and instructional processes as applied to classroom teaching. Students will be expected to participate in appropriate field experiences.

EDUC-E 341 Methods of Teaching Reading II (3 cr.)

P: Formal admission into teacher education. Diagnostic and prescriptive methods and materials for use in corrective instruction in reading, including minority and special needs groups, with development of an appreciation for hardware and software that will facilitate instruction. Students will be expected to participate in appropriate field experiences.

EDUC-E 343 Mathematics in the Elementary Schools (3 cr.)

P: Formal admission into teacher education. Focus is on individualized and cooperative learning techniques used in a diagnostic/prescriptive mathematics laboratory program for all learners with attention to implementation of the National Council of Teachers of Mathematics curriculum and evaluation standards for school mathematics. Stresses the design of appropriate and innovative affective, psychomotor, and cognitive experiences. Gives emphasis to the developmental approach to mathematics learning and teaching.

EDUC-E 449 Trade Books and the Teacher (3 cr.)

P: EDUC-P 250 and EDUC-E 339. C: EDUC-E 339, EDUC-E 440.

Emphasis on the use of trade books for teaching language arts and reading, K-8. Historical and contemporary literature will be used to examine objectives and techniques of instruction.

EDUC-E 490 Research in Elementary Education (1-3 cr.)

Individual research.

EDUC-E 495 Workshop in Elementary Education (1-6 cr.)

For elementary school teachers. Gives 1 credit hour for each week of full-time work.

EDUC-E 506 Curriculum in Early Childhood Education (2-6 cr.)

Planning the curriculum and selecting and evaluating learning experiences for children ages three through eight years with reference to relevant research. Organizing the classroom to provide maximum integration among experiences in different academic areas.

EDUC-E 507 Evaluation of Classroom Behavior (3 cr.)

The child as a learner; goals for early childhood programs; organizing the instructional setting including teacher roles and methods of assessing behaviors. Use of this knowledge in organizing and evaluating self and a child in a program.

EDUC-E 508 Seminar in Early Childhood Education (1-3 cr.)

Seminar will be based on current interests of students and will serve as a means of synthesizing their experiences. An interdisciplinary approach will be taken to exploring current issues and problems in early childhood education, current happenings as they relate to the issues, and major research efforts to support programs.

EDUC-E 513 Workshop in Elementary Social Studies (1-6 cr.)

Means for improving the teaching of social studies in the elementary school.

EDUC-E 514 Workshop in Elementary Language Arts (1-6 cr.)

Means for improving the teaching of language arts in the elementary school.

EDUC-E 515 Workshop in Elementary Reading (1-6 cr.)

Means for improving the teaching of reading in the elementary school.

EDUC-E 516 Workshop in Elementary School Science (1-6 cr.)

For experienced teachers. Ideas on analysis of problems; curriculum trends and teaching techniques; development of new educational materials; and recent resource materials.

EDUC-E 518 Workshop in General Elementary Education (1-6 cr.)

Individual or group study of problems within the field of elementary education.

EDUC-E 524 Workshop in Early Childhood Education (1-6 cr.)

Individual and group study of the problems of nursery school and kindergarten education.

EDUC-E 525 Advanced Curriculum Study in Early Childhood (3 cr.)

In-depth study of those educators and philosophers, past and present, who have influenced early childhood curricula. Emphasis on the beliefs of Dewey, Piaget, Vygotsky, Montessori, Eisner, and Bruner and how they influence each student's educational belief system.

EDUC-E 535 Elementary School Curriculum (3 cr.)

Social, economic, and educational forces influencing changes in the curriculum of the elementary school;

observation and study of the curriculum and methods of evaluating it.

EDUC-E 545 Advanced Study in the Teaching of Reading in the Elementary Schools (1-3 cr.) Review of developmental reading program in the elementary school, use of reading in various curriculum areas, appraisal of reading abilities, and techniques and materials for individualized instruction.

EDUC-E 547 Elementary Social Studies Curriculum (3 cr.) Explores the purposes, substantive issues, essential pedagogies, and content of elementary social studies curriculum. Also examines innovative approaches to designing and implementing social studies curriculum for elementary classrooms.

EDUC-E 548 Advanced Teaching of Science in the Elementary School (3 cr.) Designed for experienced teachers to gain greater proficiency in the teaching of science in the elementary school. Individualized learning experiences will be provided for persons interested in middle school teaching.

EDUC-E 549 Advanced Study in the Teaching of Language Arts in the Elementary Schools (3 cr.) Helps experienced teachers gain further insight into the development of the English language and how best to teach language arts. Emphasizes the basic communication skills and significant trends and materials.

EDUC-E 590 Independent Study or Research in Elementary Education (1-3 cr.) P: Permission required. Individual research or study with an Elementary Education faculty member, arranged in advance of registration. A one or two page written proposal should be submitted to the instructor during the first week of the term specifying the scope of the project, project activities, meeting times, completion date, and student product(s). Ordinarily, E590 should not be used for study of material taught in a regularly scheduled course.

EDUC-F 100 Topical Exploration in Education (1-3 cr.) This introductory course for prospective teachers provides an orientation to the teaching profession. Covers program and state requirements, diversity as it relates to schools, teaching, and learning; and presents skills necessary for becoming a successful student/teacher. Includes a service learning component.

EDUC-F 200 Examining Self as Teacher (3 cr.) P: ENG-W 131 with a C (2.0) or above. Designed to help student make a career decision, better conceptualize the kind of teacher the student wishes to become, and reconcile any preliminary concerns that may be hampering a personal examination of self as teacher. Students will be expected to participate in appropriate field experiences in schools. A significant paper will be required.

EDUC-F 201 Exploring the Personal Demands of Teaching (2 cr.) This course examines the personal demands of teaching in an Interpersonal Process Laboratory. Particular emphasis is put on interpersonal communication skills (self-disclosure, active listening, questioning, observation). It also explores the nature of teaching in American schools with emphases on the nature of the profession and of teacher education programs; school curricular issues, societal issues

impacting schools, the legal aspects of teaching; and on how schools are organized and financed.

EDUC-F 202 Exploring the Personal Demands of Teaching Practicum (1 cr.) This course expands the skills gained in F201 into a field experience (school classroom). Designed to assist students in career decision-making through a self-examination and discussions of the pre-service teacher's interactions, understanding, and communication with students in the classroom. Students will be expected to participate in appropriate field experiences.

EDUC-F 203 Topical Exploration in Education (1-3 cr.) This number identifies a one-semester course on a particular topic, established at the request of a faculty member and by the approval of the Academic Affairs Committee. Applies only as elective credit.

EDUC-F 401 Topical Explorations in Education (0-3 cr.) This course will explore various topics of relevance to education, both in the United States and abroad.

EDUC-F 500 Topical Exploration in Education (1-3 cr.) The goal of this course is to bridge the gap between beginning computer users and beginning multimedia developers. The focus of the assignments will be on personal development of strategies and skills to be used in solving problems that arise during multimedia construction. A variety of multimedia software and hardware solutions will be presented including virtual reality, audio and video applications. Student will work on multimedia projects. Some will be undertaken individually while more complex media may involve the formation of teams and/or class projects.

EDUC-G 500 Orientation to Counseling (3 cr.) Focus is on the student, self-concept, interpersonal relationship skills, and an overview of the field of counseling. Philosophical, ethical, and social cultural basis of helping relationships.

EDUC-G 504 Counseling Theory and Techniques II: Behavior and Family Systems (3 cr.) Analysis of major behavior and family counseling theories emphasizing didactic and experiential activities designed to model application of processes, procedures, and techniques of behavior, and family approaches to professional practice.

EDUC-G 505 Individual Appraisal: Principles and Procedures (3 cr.) An analysis of statistical, psychometric, socio-metric, and clinical principles crucial to professional interpretation of standardized and informal data regarding individual clients. Current issues/controversies about ethnic, sex, cultural, and individual differences will be examined.

EDUC-G 507 Lifestyle and Career Development (3 cr.) Lifestyle and Career Development includes such areas as vocational choice theory, relationship between career choice and lifestyle, sources of occupational and educational information, approaches to career decision-making processes and career development exploration techniques.

EDUC-G 523 Laboratory in Counseling and Guidance (3 cr.) Laboratory experience, counseling, analysis of

counseling interviews, role playing and closely supervised counseling in the laboratory setting.

EDUC-G 524 Practicum in Counseling (1-3 cr.)

C: EDUC-G 532. Requires acceptance into the clinical cohort. Closely supervised counseling practice with clients in the department's counseling laboratories or in approved field sites in schools or agencies. Intensive supervision. Special application required.

EDUC-G 532 Introduction to Group Counseling (3 cr.)

Requires acceptance into the clinical cohort. Psychological and theoretical foundations of group counseling. Analysis of the dynamics of groups.

EDUC-G 542 Organization and Development of Counseling Programs (3 cr.)

Requires acceptance into the clinical cohort. Environmental and population needs assessment for program planning. Procedures for counseling program development and accountability/evaluation. Case studies.

EDUC-G 550 Internship in Counseling (1-6 cr.)

Requires acceptance into the clinical cohort. Counseling experience in school or agency situations. Under supervision, students get practice in counseling, interviewing, in-service training, orientation procedures, and data collection. Special application required.

EDUC-G 562 School Counseling (3 cr.) Requires acceptance into the clinical cohort. Foundations and contextual dimension of school counseling. Knowledge and skills for the practice of school counseling, Developmental Counseling, Program development, implementation and evaluation. Consultation, Principles, practices and applications of needs assessment. Provides an overall understanding of the organization of schools and the functions of the counselor and counseling program.

EDUC-G 570 Human Sexuality (3 cr.) This is an introductory graduate-level course dealing with all areas of human sexuality that a person might encounter in day-to-day living. Topics will include sexual terminology, the human body, expressing our sexuality, heterosexuality, homosexuality, pornography, sex education, sex offenses, sexual dysfunction, and sex therapy.

EDUC-G 575 Multicultural Counseling (3 cr.) This course is designed to provide both a cognitive and guided training opportunity. It examines the influence of cultural and ethnic differences of counselor and client in counseling. Attention is given to theory, research, and practice.

EDUC-G 585 Contemporary Issues in Counseling (3 cr.) Focuses on the goals and objectives of professional organizations, codes of ethics, legal considerations, standards of preparation, certification, licensing, and role identity of counselors and other personnel services specialists. Students will conduct research on emerging developments reported in the counseling literature.

EDUC-G 590 Research in Counseling & Guidance

(1-3 cr.) P: Consent of instructor. Individual research for students in the clinical cohort or post masters counseling students.

EDUC-G 592 Seminar in Drug and Alcohol Abuse Prevention (3 cr.)

Introduction to etiology and

symptomology of drug/alcohol abuse and methods of prevention or remediation. Includes dynamics of Adult Children of Alcoholics/Abusers and families of abusers.

EDUC-G 596 Counseling Supervision (3 cr.) Limited to post masters students in counseling. Introduction to counseling supervision theory, methods, and techniques. Special attention to ethical and legal obligations. Closely directed experience in supervising beginning graduate students.

EDUC-H 427 Education Through Travel (2-6 cr.)

Provides an opportunity to visit historical and cultural areas in foreign countries. Individually arranged.

EDUC-H 520 Education and Social Issues (3 cr.)

Identification and analysis of major issues in education as related to the pluralistic culture of American society.

EDUC-H 553 Travel Study (1-6 cr.)

Provides an opportunity to visit historical and cultural areas of the United States and many foreign countries.

EDUC-J 500 Instruction in the Context of Curriculum

(3 cr.) First course for the Master's degree in Curriculum & Instruction. Extends concepts introduced in undergraduate teacher preparation. Topics include conceptions and definitions of curriculum and instruction and their impact on social contexts, learning theories, and schooling practices. Elementary and secondary contexts are studied.

EDUC-J 511 Methods of Individualizing Instruction

(3 cr.) Student will critically examine several approaches to individualizing instruction.

EDUC-K 200 Introduction to Practicum in Special

Education (0-1 cr.) Structural practicum in public and/or private and regular special education programs. Emphasis on seminar sessions focusing on prevalence and general functions levels of exceptional individuals.

EDUC-K 205 Introduction to Exceptional Children

(2-3 cr.) P: Formal admission into teacher education. Definition, identification, prevalence, characteristics, and educational provisions of the various types of exceptional children; with attention to disability awareness and appropriate instructional processes.

EDUC-K 343 Education for the Socially and Mentally

Disturbed I (3 cr.) A basic survey of the field of emotional disturbance and social maladjustment. Definitions, classifications, characteristics, and diagnostic and treatment procedures are discussed from a psycho-educational point of view.

EDUC-K 344 Education of the Socially and

Emotionally Disturbed II (3 cr.) P: Permission of instructor. A basic survey of educational curricula, procedures, and materials for socially and emotionally disturbed children; stresses development of individual teaching skills; emphasizes classroom experiences with disturbed children.

EDUC-K 345 Academic and Behavioral Assessment

of the Mildly Handicapped (3 cr.) P: Permission of instructor. The purpose of this course is to familiarize students with the application of formal and informal assessment information in making decisions regarding classification and placement of educable mentally retarded and emotionally disturbed children.

EDUC-K 352 Educating Students with Learning Disorders. (3 cr.) P: Permission of instructor. Educational programs for optimum growth and development of mildly mentally handicapped and learning disabled students. Study and observation of curriculum content, organization of special schools and classes, and teaching methods and materials.

EDUC-K 453 Management of Academic and Social Behavior (3 cr.) P: Permission of instructor. Surveys principles of behavior management as they pertain to educational environments. Students will learn how to define, observe, measure, record, and change academic and social behavior.

EDUC-K 480 Student Teaching in Special Education (9-12 cr.) P: Successful completion of SDP3. Provides experiences with students with exceptional needs in school setting under the direction of a supervising teacher.

EDUC-K 488 Supervised Teaching in Special Education (3-12 cr.) Provides students an opportunity to teach exceptional children under the supervision of a licensed special education teacher and a University special education supervisor.

EDUC-K 490 Research in Special Education (3 cr.) Variable title course. Focus is on what special educators need to know and be able to do.

EDUC-K 490 Topic: Partnerships (3 cr.) P: Permission of instructor. Active exploration of community, social agencies, school and family as stakeholders and contributors to services for students with exceptional needs. Collaboration, consultation, conflict resolution, and grant initiatives.

EDUC-K 490 Topic: Assistive Technology, TBI, Autism, Functional Curriculum (3 cr.) P: Permission of instructor. Study of nature and needs of students with traumatic brain injury, autism, and related conditions. Overview of age-appropriate skills likely to increase the ability of students with exceptional needs to function in present and future environments. Study of low and high assistive technology for routine and customized access to general education curriculum.

EDUC-K 495 Laboratory/Field Experiences in Special Education (1-3 cr.) C: Consent of instructor.

EDUC-K 500 Topical Workshop in Special Education (1-3 cr.) Intensive study of such selected topics as language development for exceptional children, the disadvantaged child, and behavior modification for exceptional children.

EDUC-K 505 Introduction to Special Education for Graduate Students (3 cr.) P: Graduate standing or consent of instructor. Basic special education principles for graduate students with no previous course work in special education.

EDUC-K 535 Assessment/Remediation of Mildly Handicapped I (3 cr.) P: Permission of instructor. Emphasizes the collection and use of formal and informal assessment information for designing the content of individual educational plans for handicapped children in various academic areas such as reading and mathematics.

EDUC-K 544 Education of the Socially and Emotionally Disturbed II (3 cr.) P: Permission of instructor. A basic survey of educational curricula, procedures, and materials for socially and emotionally disturbed children; stresses development of individual teaching skills, emphasizes classroom experiences with disturbed children.

EDUC-K 553 Classroom Management and Behavior Support (3 cr.) P: Permission of instructor. Surveys principles of behavior management as they pertain to educational environments. Students will learn how to define, observe, measure, record, and change academic and social behavior.

EDUC-K 563 Diagnosis and Remediation of Learning Disabilities I (3 cr.)

EDUC-K 588 Supervised Teaching in Special Education (3-12 cr.) P: Permission of instructor. Provides for an opportunity to student teach in ED, EMR, or LD classrooms.

EDUC-K 590 Topic: Partnerships (3 cr.) P: Permission of instructor. Active exploration of community, social agencies, school, and family as stakeholders and contributors to services for students with exceptional needs. Collaboration, consultation, conflict resolution, and grant initiatives.

EDUC-K 590 Topic: Assistive Technology, TBI, Autism, Functional Curriculum (3 cr.) P: Permission of instructor. Study of nature and needs of students with traumatic brain injury, autism, and related conditions. Overview of age-appropriate skills likely to increase the ability of students with exceptional needs to function in present and future environments. Study of low and high assistive technology for routine and customized access to general education curriculum.

EDUC-K 590 Topic: Methods of High Incidence (1-3 cr.) P: Permission of instructor. Application of research-based best practices in designing, delivering, and monitoring specialized instruction for students with exceptional needs across settings. Instruction focusing on general education outcomes with or without adaptations and modifications.

EDUC-K 590 Independent Study or Research in Special Education (1-3 cr.) P: Permission of instructor. Individual research or study with a Special Education faculty member, arranged in advance of registration. A one or two page written proposal should be submitted to the instructor during the first week of the term specifying the scope of the project, project activities, meeting times, completion date, and student product(s). Ordinarily, K590 should not be used for the study of material taught in a regularly scheduled course.

EDUC-K 595 Supervised Teaching in Special Education (3 cr.) P: Consent of instructor. Provides for closely supervised field experiences in various areas of special education.

EDUC-L 403 Assessment Literacy for Cultural and Linguistic Diversity (3 cr.) Define assessment literacy for working with culturally and linguistically diverse students.

Topics include the assessment process, curriculum design, backwards planning, ongoing, traditional, and alternative classroom assessment, high stakes testing,

language proficiency testing, and principles of designing useful, meaningful, and equitable classroom assessments for and of learning.

EDUC-L 436 MTHD & MTLs FOR TEACHING ESL (3 cr.) Emphasizes practices, strategies, and materials needed by teachers in English as a second language setting. Whole language approaches, including developing comprehension, speaking, writing and reading will be utilized via hands on experiences with a variety of materials.

EDUC-L 441 BILINGUAL EDUC - INTRO (3 cr.) Introduction to the development of bilingual/bicultural education in the U.S. - its antecedents, the rationale, theories, and comparison of existing bilingual/bicultural programs.

EDUC-L 502 Socio-Psycholinguistic Applications to Reading Instruction (3 cr.) Explores the linguistic and cognitive dimensions of language as they relate to the teaching of reading. Discusses relationships among the systems of language and between the various expressions of language. Always includes topics on pragmatics, semantics, grammar and dialect.

EDUC-L 511 Advanced Study in the Teaching of Writing in Elementary Schools (3 cr.) The study of trends, issues, theories, research, and practice in the teaching and evaluation of written composition in elementary schools. The emphasis is on alternative methods for the teaching of writing and for the evaluation of progress (growth) in writing.

EDUC-L 520 Advanced Study in Foreign Language Teaching (3 cr.) Principles, practices, problems, and current research pertaining to the teaching of a particular modern language in the secondary school. Emphasis on teaching the advanced levels. Separate sections as needed for teachers of French, German, Russian, and Spanish.

EDUC-L 524 Language Education Issues in Bilingual and Multicultural Education (3 cr.) A survey of language education issues related to the linguistic abilities and educational needs of students requiring bilingual or bidialectal instruction. Topics discussed include language acquisition, language pedagogy, program models, cultural influences, teacher training, and research directions.

EDUC-L 530 Topical Workshop in Literacy, Culture, and Language Education (1-6 cr.) P: Consent of instructor. Individual and group study of special topics in the field of language education. Updating and improving the teaching of English, English as a second or foreign language, foreign languages, and reading.

EDUC-L 535 Teaching Adolescent/Young Adult Literature (3 cr.) The course highlights and analyzes recent young adult literature acknowledging significant, earlier texts and their distinguishing features. It also considers curricular and pedagogical issues salient to the adoption of young adult literature, particularly related to reader-centered approaches and multicultural curricula.

EDUC-L 539 Language Foundations for ESL/EFL Teachers (1-3 cr.) Focus on identification of systematic aspects of English that could challenge English Language Learners at different proficiency levels of language acquisition. Students engage in the discussion and

development of modification approaches that address language needs in content classes with attention to socio-cultural aspects of language use and language learning experiences of diverse students.

EDUC-L 540 ESL/EFL Instruction and Assessment Approaches (1-3 cr.) The course provides an overview of various approaches to instruction and assessment that incorporate the current thinking in the field. Includes discussion of content-based models of language instruction and standardized, alternative, and authentic forms of assessment.

EDUC-L 559 Trade Books in Elementary Classrooms (3 cr.) Emphasizes the use of trade books in language and reading in elementary classrooms.

EDUC-M 101 Laboratory/Field Experiences (0-3 cr.) A laboratory or field experience in education for freshmen.

EDUC-M 201 Laboratory/Field Experiences (0-3 cr.) A laboratory or field experience in education for freshmen.

EDUC-M 300 Teaching in a Pluralistic Society (3 cr.) This course is designed to introduce students to teaching as a profession. Students focus upon the self as teacher, learning styles, cultural pluralism, and classroom teaching strategies that respond positively to the personal and ethnic diversity of the learner.

EDUC-M 301 Laboratory/Field Experience (0-1 cr.) A laboratory or field experience.

EDUC-M 303 Lab/Field Experience: Junior High/Middle School (0-3 cr.) Laboratory or field experiences at the junior high or middle school level.

EDUC-M 310 General Methods (2-3 cr.) P: Formal admission into teacher education. An introduction to instructional design, media, and methodology appropriate to all teaching levels. Provides an orientation to lesson planning and curriculum development, classroom management and organization, theories of development, individual needs of children, cultural pluralism, legal rights and responsibilities of professionals, evaluation, parent involvement, individual elementary-age learning styles, use of technology, professional development, and characteristics of effective teachers.

EDUC-M 311 MTHD FOR KINDERGTM/ELEM TCHR (3 cr.)

EDUC-M 314 General Methods for Senior High/Junior High/Middle School Teachers (3 cr.) P: Formal admission into teacher education. Individualized and interdisciplinary learning methods, hardware and software, ethnic and minority factors, measurement and evaluation, teaching and curriculum development, and organization of the secondary school.

EDUC-M 323 The Teaching of Music in the Elementary Schools (2 cr.) P: EDUC-E 241, EDUC-M 310, EDUC-M 311, EDUC-M 301. Not open to music majors. Fundamental procedures of teaching elementary school music, stressing material suitable for the first six grades.

EDUC-M 333 Arts Experiences for the Elementary Teachers (2 cr.) P: Formal admission into teacher education. This course provides basic skills and processes for creating, refining, and presenting works of dance, music, theatre, and visual art and for integrating these

processes and works with learning experiences across other content areas. Students will be expected to participate in appropriate field experiences.

EDUC-M 350 Integrating The Arts and Physical Education Into The Elementary Classroom (3 cr.)

Develop a knowledge base to work collaboratively with special area elementary teachers on integrating the arts and physical education in elementary classrooms.

EDUC-M 356 Health & Wellness for Teachers (2 cr.)

P: Formal admission into teacher education. This course provides health and wellness information and stresses the role of early and middle childhood teachers in promoting good health and physical fitness, providing a safe environment, and understanding basic nutrition concepts. The effects of these health and wellness concepts on child development and learning are examined. Students will be expected to participate in appropriate field experiences.

EDUC-M 401 Laboratory/Field Experience (0-3 cr.)

Laboratory or field experience for seniors. Laboratory or field experience for seniors.

EDUC-M 425 Student Teaching in the Elementary School (0-12 cr.)

P: Formal admission into teacher education. Classroom teaching and other activities associated with the work of a full-time elementary classroom teacher. One course may normally be taken concurrently if the responsibilities of the course do not interfere with the student teaching responsibilities. S/F grades are given.

EDUC-M 441 Methods of Teaching Senior High/Junior High/Middle School Social Studies (3 cr.)

P: Formal admission into teacher education. Concerns and problems of teaching social studies, including the methods, procedures, devices, materials, and outstanding research in the field.

EDUC-M 446 Methods of Teaching Senior High/Junior High/Middle School Science (3 cr.)

P: Formal admission into teacher education. Concerns and problems of teaching science, including the methods, procedures, devices, materials, and outstanding research in the field.

EDUC-M 452 Methods of Teaching Senior High/Junior High/Middle School English (3 cr.)

P: Formal admission into teacher education. Concerns and problems of teaching English, including the methods, procedures, devices, materials, and outstanding research in the field.

EDUC-M 457 Methods of Teaching Senior High/Junior High/Middle School Mathematics (3 cr.)

P: Formal admission into teacher education. Concerns and problems of teaching mathematics, including the methods, procedures, devices, materials, and outstanding research in the field.

EDUC-M 464 Methods of Teaching Senior High/Junior High/Middle School Reading (3 cr.)

P: Formal admission into teacher education. Curriculum, methods, and materials for teaching students to read more effectively in the subject content areas.

EDUC-M 470 Practicum (3-8 cr.)

P: EDUC-S 486. Teaching or experience under the direction of an identified supervising teacher and with University provided supervision in the endorsement or minor area and at the level appropriate to the area and in an accredited school

within the State of Indiana unless the integral program includes experience in an approved and accredited out-of-state site. The practicum may be full or part-time but in every instance the amount of credit granted will be commensurate with the amount of time spent in the instructional setting.

EDUC-M 480 Student Teaching in the Secondary School (10 cr.)

Under the direction of the supervising teacher, each student assumes responsibility for teaching in the student's own subject matter area in a cooperating secondary school. Requires a minimum of 10 weeks full time. Must be taken the same semester as secondary methods.

EDUC-M 500 Integrated Professional Seminar (0-6 cr.)

This seminar if linked to courses and field experiences included in the Transition to Teaching (T2T) program. It will allow for collaboration among school-based mentors, university-based instructors and T2T candidates in offering academic content appropriate to the program. The seminar will provide a technology-rich and performance-based professional experience. This course has a fee attached.

EDUC-M 501 Laboratory/Field Experience (0-3 cr.)

A laboratory field experience in Education for graduate students.

EDUC-M 514 Workshop in Social Studies Education (1-6 cr.)

Special topics in methods and materials for improving the teaching of social studies in middle, junior high, and high school.

EDUC-M 550 Practicum (3-6 cr.) P: Characteristics and methods courses with a minimum grade of B (3.0), and permission of instructor. This course provides teaching experience in an accredited school. Student evaluated on S/F basis only.

EDUC-N 443 Teaching Elementary School Math Problem Solving (2 cr.)

P: Formal admission into teacher education. The purpose of this course is to enhance the pedagogical content knowledge of elementary education teachers when teaching mathematics to students in grades preK-6. Specifically, the course is designed to enhance pre-service teachers' understanding of the learning and teaching of mathematics by providing them the opportunity to closely examine: (a) students' reasoning, (b) instructional strategies, (c) assessment procedures, and (d) curriculum materials. Furthermore, in the course students examine diagnostic and remedial instructional techniques for the teaching of mathematics across the grade levels. Students will be expected to participate in appropriate field experiences.

EDUC-N 517 Advanced Study in the Teaching of Secondary School Mathematics (3 cr.)

P: Completion of an undergraduate methods course and teaching experience, or permission of instructor. Methods, materials, literature; laboratory practice with mathematics equipment; evaluation techniques; standards; and determination of essentials of content. Developing mathematics programs for specific school situations.

EDUC-N 523 Workshop in Elementary Modern Mathematics (1-6 cr.)

Means for improving the teaching of mathematics in the elementary school. One credit hour is offered for each week of full-time work.

EDUC-N 524 Math Teachers Workshop (1-6 cr.) For experienced teachers. Ideas on curriculum trends and teaching techniques; recent source materials; analysis of problems; development of new educational materials. One credit hour is offered for each week of full-time work.

EDUC-N 543 Advanced Study in the Teaching of Mathematics in Elementary Schools (3 cr.) Designed to help the experienced teacher improve the teaching of mathematics. Opportunities will be provided for individual and group study of content, methodology, and instructional materials for modern mathematics programs.

EDUC-P 248 Elementary School Child Development (2 cr.) P: Formal admission into teacher education. This course provides an understanding of physical, emotional, social, and cognitive development in a school marked by a diversity of cultural, social and personal traits. Also, the role of the teacher in supporting positive development in students. The selection of materials and activities that respond to and stimulate children's development will be emphasized. Evaluating the physical environment of the school and classroom will also receive priority. Students will be expected to participate in appropriate field experiences.

EDUC-P 250 General Educational Psychology (1-4 cr.) P: EDUC-F 200 with a minimum grade of C (2.0). The study and application of psychological concepts and principles as related to the teaching-learning process, introduction to classroom management, measurement/evaluation, and disability awareness.

EDUC-P 251 Education Psychology for Elementary Teacher (3 cr.) P: Formal admission into teacher education. The study and application of psychological concepts and principles as related to the teaching-learning process, motivation, intelligence, classroom management, measurement and evaluation, disability awareness, and multicultural components. Students will be expected to participate in appropriate field experiences.

EDUC-P 312 Learning: Theory into Practice (3 cr.) P: Formal admission into teacher education. This course is concerned with understanding the process of teaching and learning, particularly within a secondary school context. Preservice teachers will be helped to see that learning takes place as an interaction of social, emotional, developmental, and cognitive forces. Units focus on theories of learning and teaching, motivation, the learning process, and assessment.

EDUC-P 313 Adolescents in a Learning Community (2 cr.) P: Formal admission into teacher education. For students seeking admission to a teacher education program. Adolescent development in a school context. Understanding adolescents as people and how they function in a community of learners, with particular emphasis on their interaction with others in a school environment marked by a diversity of cultural, social, and personal traits. Also, the role of the teacher in understanding and responding to adolescent needs in this environment.

EDUC-P 320 Classroom Assessment (3 cr.) P: Formal admission into teacher education. The purpose of this course is to build a foundation for understanding the nature, purpose, and philosophies that drive assessment in schools. The predominant goal of

Classroom Assessment is to ensure careful, introspective, analytical thought concerning best practices in this area of education. Students will be expected to participate in appropriate field experiences.

EDUC-P 407 Psychological Measurement in the Schools (2-3 cr.) P: EDUC-P 250. Application of measurement principles in classroom testing; construction and evaluation of classroom tests; evaluation of student performance; interpretation and use of measurement data; assessment of aptitudes, achievement, and interests via standardized tests; school testing programs.

EDUC-P 506 Topical Workshop in Educational Psychology: Variable Title (0-3 cr.) Individual and group study of selected topics in the field of educational and school psychology.

EDUC-P 507 Assessment in Schools (3 cr.) Introductory assessment course for teachers and school administrators. Topics include principles of assessment, formal and informal classroom assessment instruments and methods, formative and summative assessment, interpretation and use of standardized test results, social and political issues in assessment, use of student data bases in schools.

EDUC-P 510 Psychology in Teaching (2-3 cr.) Basic study of psychological concepts and phenomena in teaching. Analysis of representative problems and of the teacher's assumptions about human behavior and its development.

EDUC-P 515 Child Development (3 cr.) Major theories and findings concerning human development from birth through the elementary years as they relate to educational and clinical practice. Topics include: biological development, cognitive development, language acquisition, emotional and social development.

EDUC-P 516 Adolescent Behavior and Development (3 cr.) Examination of major theories and findings concerning biological, cognitive, social, and emotional development during adolescence, emphasizing educational and clinical implications. Topics may include: puberty and adolescent health, identity development, decision-making, the role of families, peers and romantic relationships, schools and achievement, and socioemotional problems in adolescence.

EDUC-P 570 Managing Classroom Behavior (3 cr.) An analysis of pupil and teacher behaviors as they relate to discipline. Attention is given to the development of such skills as dealing with pupils' problems and feelings, behavior modification, reality therapy, assertiveness in establishing and maintaining rules and group processes. Designed for teachers, administrators, and pupil personnel workers.

EDUC-P 575 Developing Human Potential (1-6 cr.) Theory and techniques of humanistic psychology as they relate to the helping professions. A variety of readings and experiences emphasize applications in human relations skills, self-image, values and stress management. Course assignments include applications to both personal and professional life.

EDUC-Q 200 Introduction to Scientific Inquiry (1-3 cr.) Course provides the elementary education major with

background in the science process skills needed to complete required science courses.

EDUC-Q 213 Earth and Environmental Teaching Methods (2-3 cr.) This course prepares students to teach environmental and geology-astronomy topics. Science activities that develop elementary level understanding will be presented in class and utilized in field teaching and field trip situations. Modules for outdoor and laboratory experiences constitute the elective hour.

EDUC-Q 450 Science, Technology and Society in a Changing World (3 cr.) Critical perspectives on the social aspects of science and technology in our lives in the world around us, and throughout history. Issues include economic development, the environment, communication and war.

EDUC-Q 490 Research in Science Education (1-6 cr.) Individual research and study in Science Education.

EDUC-Q 514 Workshop in Junior High School/Middle School Science (1-3 cr.) For experienced teachers. Ideas on curriculum trends and instructional techniques; new resource materials; development of new educational materials; and analysis of problems. One credit hour is offered for each week of full-time work.

EDUC-Q 540 Teaching Environmental Education (3 cr.) For elementary and secondary teachers. Basic principles of environmental/conservation education stressed in grades K-12. Methods and techniques for integrating these principles into existing curricula. Designed for the development and evaluation of new interdisciplinary teaching materials.

EDUC-Q 550 Science, Technology and Society in a Changing World (3 cr.) Critical perspectives on the social aspects of science and technology in our lives, in the world around us, and throughout history. Issues include economic development, the environment, communication and war.

EDUC-Q 590 Independent Study or Research in Science Education (1-3 cr.) Individual research or study with a Science Education faculty member, arranged in advance of registration. A one or two page written proposal should be submitted to the instructor during the first week of the term specifying the scope of the project, project activities, meeting times, completion date, and student product(s). Ordinarily, Q590 should not be used for the study of material taught in a regularly scheduled course.

EDUC-R 505 Workshop in Instructional Systems Technology (Variable Title) (1-6 cr.) P: EDUC-R 531 or consent of the Computer Licensure Coordinator. Topical workshops on selected media/technology emphasizing hands-on experience. Content will vary; e.g. multi-image, microcomputers, simulations/games. This is a service course that may or may not be applicable to IST majors depending on workshop topic and content.

EDUC-R 531 The Computer in Education (3 cr.) Required of all students pursuing teacher certification. Introductory course on computing which includes Web, computer applications and hardware. Participants will learn to create and use a range of digital and Web tools to promote student learning in the P-12 educational

settings and personal productivity. Contemporary digital instructional issues will be addressed.

EDUC-S 486 Principles of Junior High and Middle School Education (3 cr.) P: Formal admission into teacher education. Background, purposes, and developing roles of the junior high school and middle school. Emphasizes the curriculum and its organization, the student activity program, and guidance. For all students planning to teach in junior high and middle schools. Includes field experience.

EDUC-S 490 Research in Secondary Education (1-3 cr.) Individual research in Secondary Education. Must be taken for a letter grade; no S/F option.

EDUC-S 503 Secondary School Curriculum (3 cr.) Designed to provide an overview for the teacher of the basic theories underlying the secondary school curriculum as well as an examination of the subject areas, problems, trends, and challenges for the future and significant research in the field.

EDUC-S 508 Problems in Secondary Education (1-3 cr.) Group analysis of a common problem in the field of secondary education.

EDUC-S 512 Workshop in Secondary Education (Variable Title) (1-6 cr.) Individual and group study of issues or concerns relating to the field of secondary education in workshop format.

EDUC-S 514 Advanced Study in the Teaching of Reading in the Junior High and Secondary Schools (3 cr.) For junior high/middle school and secondary teachers as well as Reading Program candidates. The developmental reading program in junior high/middle school and secondary schools; use of reading in various curriculum areas, appraisal of reading abilities, and techniques and materials for helping reluctant readers.

EDUC-S 516 Advanced Study in the Teaching of Reading in the Junior High and Secondary School (3 cr.) Current methods and materials for secondary school English courses; guiding reading to meet literacy, historical, vocational, or scientific interests.

EDUC-S 518 Advanced Study in the Teaching of Secondary School Science (3 cr.) For science teachers. Improved techniques, current literature, textbooks, and free and low-cost materials. Solutions to specific practical problems confronting science teachers in the classroom and laboratory.

EDUC-S 519 Advanced Study in the Teaching of Secondary School Social Studies (3 cr.) For experienced teachers. Restudying the purposes of high school social studies, evaluating recent developments in content and instructional procedures, and developing social studies programs for specific school situations.

EDUC-S 590 Independent Study or Research in Secondary Education (1-3 cr.) P: Permission. Individual research or study with a Secondary Education faculty member, arranged in advance of registration. A one or two page written proposal should be submitted to the instructor during the first week of the term specifying the scope of the project, project activities, meeting times, completion date, and student product(s). Ordinarily, S590 should

not be used for the study of material taught in a regularly scheduled course.

EDUC-U 207 Leadership Training (1-3 cr.) Leadership development and training. Topics may include theories of leadership, group dynamics, organizational theory, and other issues of interest to current or potential student leaders.

EDUC-U 495 Seminar in Leadership Training (1-3 cr.) The theory and practice of group work, leadership techniques, communication, human relations, problem solving, and decision making (student leader course).

EDUC-W 200 Using Computers in Education (3 cr.) Introduction to instructional computing including Web, computer applications and hardware. Participants will learn to create and use a range of digital tools to promote student learning in educational settings and personal productivity. Contemporary digital instructional issues will be addressed.

EDUC-W 201 Beginning Technology Skills (1 cr.) P: Formal admission into teacher education. This course introduces instructional computing including Web, computer applications and hardware.

EDUC-W 301 Integrating Technology into Teaching I (1 cr.) P: Formal admission into teacher education. The purpose of this course is to enhance the pedagogical, technological and content knowledge of elementary education teachers when using digital applications and hardware resources with students in grades preK-6. Students will be expected to participate in appropriate field experiences.

EDUC-W 310 Integrating Technology K-12 (3 cr.) Explores various pedagogical approaches, design and implement technology-based lessons or K-12 classrooms, participate in professional development activities, and reflect on the integration of technology in the classroom. Learning will be documented and assessed through written assignments, and a teaching portfolio.

EDUC-W 401 Integrating Technology into Teaching II (1 cr.) P: Formal admission into teacher education. The purpose of this course is to enhance the pedagogical, technological and content knowledge of elementary education teachers when using digital applications and hardware resources with students in grades preK-6. Students will be expected to participate in appropriate field experiences.

EDUC-W 505 Professional Development Workshop (1-6 cr.) Workshop to meet specific professional needs.

EDUC-W 506 Using the Internet in K-12 Classrooms (3 cr.) P: EDUC-R 531 or the consent of the Computer Licensure Coordinator. Students will gain experience in utilizing the primary internet communication media; read, discuss, and report on how these technologies can be used with K-12 students; create and upload an educational website; locate and use interactive on-line education websites and educational games; write a paper outlining a series of internet-based activities they will use with their students.

EDUC-W 520 Planning for Technology Infrastructure (3 cr.) P: EDUC-R 531 or consent of Computer License Coordinator. This course addresses topics pertinent to

planning for and sustaining technology infrastructures such as strategic planning, budgeting, vendors and contracts, grant writing, Acceptable Use Policy, classroom technology, wireless access, Student Information Systems (SIS), Learning Management Systems (LMS), and Total Cost of Ownership. Students will assess the technology needs of a specific learning environment and write a proposal to upgrade the technology support for teachers and learners.

EDUC-W 540 Technology-Infused Curriculum (3 cr.) Course focuses on technology integration to promote critical thinking, global awareness, constructivist learning, collaboration, media literacy, high student motivation, higher-level thinking, and creativity. Students will learn about universal design, differentiation, instructional and assessment strategies, and planning techniques. Students will set curricular goals and design lessons for their own contexts.

EDUC-W 551 Educational Foundations for High Ability Students (3 cr.) Participants develop an understanding of the nature and needs of high ability individuals. Focus is on historical foundations, theories and philosophies and laws and policies related to high ability education. Identification and selection strategies, characteristics, and educational program opportunities are also emphasized.

EDUC-W 552 Curriculum for the Gifted and Talented (3 cr.) Participants examine issues related to curriculum design, adaptation, implementation, and evaluation. Curricular theories and models as well as subject matter modifications and administrative and program management concerns will be studied.

EDUC-W 553 Methods and Materials for the Gifted and Talented (3 cr.) Participants concentrate on teaching strategies that benefit gifted and talented learners. Opportunities are provided to select, develop, and evaluate educational materials for art and academic programs and to observe a group of high ability students in a special program.

EDUC-W 595 Practicum: High Ability Students (3 cr.) In this course, emphasis is on learning through field activities with in-class feedback related to the education of students who have high abilities in academic and/or arts areas. Focus is on developing leadership abilities through actively pursuing grants, creating workshops and websites, and other educational supports for high ability students.

EDUC-X 100 Practice in Reading and Study for Self Improvement (1-3 cr.) Individually guided computer instruction for self-improvement in reading/study related skills, such as grammar, speed reading, and spelling. Students complete tutorials at their own pace, followed by review and testing by assigned instructor.

EDUC-X 101 Techniques in Textbook Reading (2-3 cr.) Instruction and guided practice in techniques for learning from printed materials. Emphasis is on gaining information from text and practical retrieval and discussion of concepts. Much of the work is done on an individual basis.

EDUC-X 150 Reading/Learning Techniques I (1-3 cr.) Emphasis on mechanics of reading, flexibility in reading, styles of learning, listening comprehension, vocabulary

development, word attack, reading comprehension, and reading rate. Contact the Student Development Center for more information.

EDUC-X 461 Topical Explorations in Books for Children (0-2 cr.) A survey of topics related to the use of books for children in the classroom. Course topics might include: a specific genre; reader-response theory; multicultural and international literature; books for toddlers and preschoolers; early readers and transitional chapter books; illustration as art; special needs; technology; media influences.

EDUC-X 470 PSYCHOLING TEACHERS OF READ (3 cr.) Explores the linguistic and cognitive dimensions of language. Discusses relationships among the systems of language and among the various expressions of language. Always includes topics on semantics, grammar, and dialect.

EDUC-X 490 Research in Reading. (1-6 cr.) Individual research.

EDUC-X 504 Diagnosis of Reading Difficulties in the Classroom (3 cr.) P: EDUC-E 545, or EDUC-S 514. Treats the theory, correlates, instruments, and techniques of diagnosing reading difficulties in the classroom.

EDUC-X 525 Practicum in Reading (1-4 cr.) P: EDUC-E 545, EDUC-X 504, and other courses required for reading certification program, three years of teaching experience, and/or permission of the instructor. Application required. Diagnostic testing, reading interventions, compiling student records, and working with groups and individuals under supervised conditions.

EDUC-X 590 Research in Reading (1-6 cr.)
P: Permission required. Individual research.

ENG 553 STUDIES IN LITERATURE (3 cr.)

ENG-G 205 Introduction to the English Language (3 cr.) P: ENG-W 131 with a grade of C or higher. Acquaints the student with contemporary studies of the nature of language in general and of the English Language in particular.

ENG-G 207 English Grammar and Usage (3 cr.)
P: ENG-W 131 with a grade of C or higher. A brief look at English grammar, with emphasis upon current American usage; students will review verb usage, subject-verb agreement, pronoun usage, modifier usage, punctuation, and sentence structure.

ENG-G 301 History of the English Language (3 cr.)
P: ENG-W 131 with a grade of C or higher. Historical and structural analysis of English language in stages of its development. Political and social events affecting development of language, interrelationship of language and literature, evolution of modern phonology and syntax.

ENG-L 101 Ancient and Medieval World Literature (3 cr.) Literary masterpieces from Homer to Dante. Approved Arts and Sciences for the Western Tradition culture studies requirement of IU Students.

ENG-L 102 Modern World Literature (3 cr.) Literary masterpieces from Homer to the present. Aims to teach thoughtful, intensive reading, to introduce students to

aesthetic values in literature, and to make students aware of the enjoyment of reading.

ENG-L 103 Introduction to Drama (3 cr.) Significant plays from various times and countries to acquaint students with the conventions and types of drama; works by such playwrights as Sophocles, Shakespeare, Moliere, Ibsen, Strindberg, Shaw, Miller, and Albee.

ENG-L 104 Introduction to Fiction (3 cr.) Introduction to representative fiction and theories for interpreting fiction.

ENG-L 105 Appreciation of Literature (3 cr.)
An introduction to drama, fiction, and poetry, stressing the enjoyment and the humane values of each form. The course will provide experiences in listening to and studying visual adaptations of poems, novels, and dramas.

ENG-L 106 Introduction to Poetry (3 cr.) Representative poems in English; a course that enables students to read poetry with pleasure and to talk or write about it with ease.

ENG-L 107 Oriental World Masterpieces (3 cr.) Literary masterpieces from the Arabic, Persian, Indian, Japanese, Chinese, and Malay cultures.

ENG-L 140 Introduction to English Studies (3 cr.)
A comprehensive orientation to the field of English studies. In addition to providing academic advising, the course offers an overview of our curriculum, which includes our two concentrations in writing and literature, career opportunities related to the degree, and the kinds of reading, writing, and oral skills that are needed for success as a major and in a variety of professions.

ENG-L 201 Special Studies in Literature (3 cr.) Reading of literary works in relation to special themes and topics.

ENG-L 202 Literary Interpretation (3 cr.) AHLA development of critical skills essential to participation in the interpretive process. Through class discussion and focused writing assignments, introduces the premises and motives of literary analysis and critical methods associated with historical, generic, and/or cultural concerns.

ENG-L 203 Introduction to Drama (3 cr.) Representative group of significant plays to acquaint students with characteristics of drama as a type of literature.

ENG-L 204 Introduction to the Novel and Short Story (3 cr.) Representative works of fiction; stresses structural technique in the novel, theories and kinds of fiction, and thematic scope of the novel.

ENG-L 205 Introduction to Poetry (3 cr.) A basic course that will enable students to talk and write about poetry.

ENG-L 207 Women and Literature (3 cr.) Issues and approaches to critical study of women writers and treatment in British and American literature.

ENG-L 208 Topics in English and American Literature and Culture (3 cr.) P: ENG-W 131 with a grade of C or higher. Selected works of English and/or American literature in relation to a single cultural problem or theme. Topics will vary from semester to semester.

ENG-L 209 Topics in American Literature and Culture (3 cr.) Selected works of American literature taught in relation to a single cultural problem or theme. Topics will vary from semester to semester.

ENG-L 210 Studies in Popular Literature and Mass Media (3 cr.) Popular literary modes in England and America, such as detective, western, fantasy; history and theories of "mass" or "popular" culture; uses of literacy. Literary analysis of particular mass media forms, including television drama. Topic varies.

ENG-L 211 English Literature to 1700 (3 cr.) Representative selections, with emphasis on major writers from Chaucer to 1700.

ENG-L 212 English Literature Since 1700 (3 cr.)

ENG-L 214 Literary Masterpieces (3 cr.) L214 covers major Western literary works from the Renaissance to the twenty-first century. Texts are selected from a variety of genres and nations, with an emphasis on works that have been particularly famous and influential. Works by Cervantes, Voltaire, Flaubert, Dostoevsky, Mann, Ibsen, Kafka, and others are typically included. Emphasis will be on making the literature accessible and interesting, relating it to historical events and contexts, and working on important reading and writing skills. Non-English works will be read in English translation.

ENG-L 220 Introduction to Shakespeare (3 cr.) A survey of Shakespeare's greatest plays and poems.

ENG-L 230 Science Fiction (3 cr.) Study of the kinds, conventions, and theories of science fiction. Course may include both literature (predominantly British and American) and film.

ENG-L 295 American Film Culture (3 cr.) Film in relation to American culture and society. Topic varies. Works of literature may be used for comparison, but the main emphasis will be on film as a narrative medium and as an important element in American culture.

ENG-L 297 English Literature to 1600 (3 cr.) P: ENG-W 131. R: Any ENG-L 100-level course and ENG-L 202/371. Representative selections, with emphasis on major writers from Chaucer to Shakespeare and on their cultural context.

ENG-L 298 English Literature from 1600 to 1830 (3 cr.) P: ENG-W 131 with a grade of C or higher. R: Any ENG-L 100-level course and ENG-L 202/371. Representative selections, with emphasis on major writers from Donne to Byron and on their cultural context.

ENG-L 299 English Literature since 1830 (3 cr.) P: ENG-W 131 with a grade of C or higher. R: Any ENG-L 100-level course and ENG-L 202/371. Representative selections, with emphasis on major writers from Carlyle to the present and on their cultural context.

ENG-L 303 Medieval English Literature in Translation (3 cr.) P: ENG-W 131 with a grade of C or higher. Literature and civilization of medieval England. Selected works from Old and Middle English with attention to their relations with art, history, and other aspects of medieval culture.

ENG-L 305 Chaucer (3 cr.) P: ENG-W 131 with a grade of C or higher. Chaucer's works, with special emphasis on *The Canterbury Tales*.

ENG-L 308 Elizabethan Drama and Its Background (3 cr.) P: ENG-W 131 with a grade of C or higher. English

drama from Middle Ages to 1642; principal Elizabethan and Caroline dramatists and their best plays.

ENG-L 309 Elizabethan Poetry (3 cr.) P: ENG-W 131 with a grade of C or higher. Major Elizabethan poets, with special attention to Spenser.

ENG-L 313 Early Plays of Shakespeare (3 cr.) P: ENG-W 131 with a grade of C or higher. Close reading of at least seven early plays of Shakespeare.

ENG-L 314 Late Plays of Shakespeare (3 cr.) P: ENG-W 131 with a grade of C or higher. Close reading of at least seven later plays of Shakespeare.

ENG-L 317 English Poetry of the Early Seventeenth Century (3 cr.) P: ENG-W 131 with a grade of C or higher. Chief poets in England, 1600-1660.

ENG-L 318 Milton (3 cr.) P: ENG-W 131 with a grade of C or higher. Poetry and prose of John Milton, with special attention to *Paradise Lost*, *Paradise Regained*, and *Samson Agonistes*.

ENG-L 320 Restoration and Early Eighteenth-Century Literature (3 cr.) P: ENG-W 131 with a grade of C or higher. Major poetry and prose, 1660-1730, with emphasis on Dryden, Swift, and Pope.

ENG-L 327 Later Eighteenth-Century Literature (3 cr.) P: ENG-W 131 with a grade of C or higher. Major poetry and prose, 1730-1800, with emphasis on Johnson and Boswell.

ENG-L 328 Restoration and Eighteenth-Century Drama (3 cr.) P: ENG-W 131 with a grade of C or higher. Development of English drama from the Puritan closing of playhouses to the beginning of the nineteenth century.

ENG-L 329 Romantic Literature (3 cr.) P: ENG-W 131 with a grade of C or higher. Major Romantic writers, with emphasis on two or more of the following: Blake, Wordsworth, Coleridge, Byron, Shelley, Keats.

ENG-L 330 Major Romantic Writers 2 (3 cr.)

ENG-L 332 Romantic Literature (3 cr.) British literature and culture in the age of Romanticism and the revolutionary era (ca. 1780-1830). Poetry, fiction, drama, and non-fiction writings from major and minor authors, such as Austen, Blake, Byron, Coleridge, Scott, the Shelleys, Keats, Wollstonecraft, and the Wordsworths.

ENG-L 333 Victorian Literature (3 cr.) Will focus on one major Victorian writer's body of works (e.g. Dickens, Tennyson, Eliot, or Hardy) or family of writers (e.g. the Brontës, the Brownings). It is intended for English majors or for those with some literature and writing background.

ENG-L 335 Victorian Literature (3 cr.) P: ENG-W 131 with a grade of C or higher. Major poetry and prose, 1830 to 1900, studied against the social and intellectual backgrounds of the period.

ENG-L 345 Twentieth-Century British Poetry (3 cr.) P: ENG-W 131 with a grade of C or higher. Modern poets, particularly Yeats, Eliot, and Auden; some later poets may be included.

ENG-L 346 Twentieth-Century British Fiction (3 cr.) P: ENG-W 131 with a grade of C or higher. Modern fiction, its techniques and experiments, particularly

Joyce, Lawrence, and Woolf; some later novelists may be included.

ENG-L 347 British Fiction to 1800 (3 cr.) P: ENG-W 131 with a grade of C or higher. Forms, techniques, and theories of fiction as exemplified by such authors as Defoe, Richardson, Fielding, Smollett, and Sterne.

ENG-L 348 Nineteenth-Century British Fiction (3 cr.) P: ENG-W 131 with a grade of C or higher. Forms, techniques, and theories of fiction as exemplified by such Romantic and Victorian authors as Scott, Dickens, Eliot, and Hardy.

ENG-L 351 American Literature to 1865 (3 cr.) P: ENG-W 131 with a grade of C or higher. R: Any ENG-L 100-level course and ENG-L 202/371. American writers to 1865: Emerson, Hawthorne, Melville, Whitman, and two or three additional major writers.

ENG-L 352 American Literature, 1865-1914 (3 cr.) P: ENG-W 131 with a grade of C or higher. R: Any ENG-L 100-Level course and ENG-L 202/371. American writers, 1865-1914: Mark Twain, Dickinson, James, and two or three additional major writers.

ENG-L 354 American Literature since 1914 (3 cr.) P: ENG-W 131 with a grade of C or higher. American writers since 1914: Faulkner, Hemingway, Eliot, Frost, and two or three additional major writers.

ENG-L 355 American Novel: Cooper to Dreiser (3 cr.) P: ENG-W 131 with a grade of C or higher. Representative nineteenth-century American novels.

ENG-L 356 American Poetry to 1900 (3 cr.)

ENG-L 357 Twentieth-Century American Poetry (3 cr.) P: ENG-W 131 with a grade of C or higher. American poetry since 1900, including such poets as Pound, Eliot, Frost, Stevens, Williams, and Lowell.

ENG-L 358 Twentieth-Century American Fiction (3 cr.) P: ENG-W 131 with a grade of C or higher. American fiction since 1900, including such writers as Dreiser, Lewis, Fitzgerald, Hemingway, Faulkner, and Bellow.

ENG-L 360 American Prose (Excluding Fiction) (3 cr.) P: ENG-W 131 with a grade of C or higher. Major nonfiction prose forms, including the essay, the journal, and the sermon, as well as the literary aspects of biography, criticism, and historical writing.

ENG-L 361 Studies in 19th Century American Literature (3 cr.) P: ENG-W 131 with a grade of C or higher. Study of 19th century American literature focused on a particular literary, cultural, or thematic movement or issue of the time.

ENG-L 363 American Drama (3 cr.) P: ENG-W 131 with a grade of C or higher. Main currents in American drama to the present.

ENG-L 364 Native American Literature (3 cr.) P: ENG-W 131 with a grade of C or higher. A survey of traditional and modern literature by American Indians, especially of the high plains and southwest culture areas, with particular attention to the image of the Indian in both native and white literature.

ENG-L 365 Modern Drama: Continental (3 cr.) P: ENG-W 131 with a grade of C or higher. Special attention to Ibsen, Chekhov, Pirandello, Brecht, and Sartre.

ENG-L 367 Literature of the Bible I (3 cr.) P: ENG-W 131 with a grade of C or higher. The Bible as a great masterpiece of literature. Focus on Old Testament.

ENG-L 369 Studies in British and American Authors (3 cr.) P: ENG-W 131 with a grade of C or higher. Individual authors, topics may vary.

ENG-L 370 Recent Black American Writing (3 cr.) P: ENG-W 131 with a grade of C or higher. Exploration of the most recent black American authors, analyzing the ways in which these authors interpret their human condition and aesthetically analyzing how the authors use the tools of their craft to develop their themes.

ENG-L 371 Critical Practices (3 cr.) P: ENG-W 131 with a grade of C or higher. Literary criticism from ancient to modern times.

ENG-L 373 Interdisciplinary Approaches to English and American Literature (3 cr.) P: ENG-W 131 with a grade of C or higher. Social, political, and psychological studies in English and American literature, 1890 to the present. Topics may vary and include, for example, Freud and literature, responses to revolution, and the literature of technology.

ENG-L 374 Ethnic American Literature (3 cr.) P: ENG-W 131 with a grade of C or higher. Literature about the American ethnic experience, selected from among works by African American, Jewish American, Italian American, Irish American, Native American, Asian American, Hispanic American, and other ethnic authors.

ENG-L 378 Studies in Women and Literature (3 cr.) P: ENG-W 131 with a grade of C or higher. British and American authors, such as George Eliot, Gertrude Stein; groups of authors, such as the Bronte sisters, recent women poets; or genres and modes, such as autobiography, film, criticism. Topics will vary from semester to semester.

ENG-L 379 American Ethnic and Minority Literature (3 cr.) A survey of representative authors and works of American ethnic and minority literature with primary focus on Black, Hispanic, and Native Americans.

ENG-L 380 Literary Modernism (3 cr.) P: ENG-W 131 with a grade of C or higher. Phenomenon of modernism in early twentieth-century transatlantic literature, with emphasis on such writers as Joyce, Pound, Woolf, Stein, Lawrence, and Faulkner, studied in relation to social and artistic movements.

ENG-L 381 Recent Writing (3 cr.) P: ENG-W 131 with a grade of C or higher. Selected writers of contemporary significance. May include relevant groups and movements (such as black writers, poets of projective verse, new regionalists, parajournalists and other experimenters in pop literature, folk writers, and distinctively ethnic writers); several recent novelists, poets, or critics; or any combination of groups.

ENG-L 383 Studies in British or Commonwealth Culture (3 cr.) P: ENG-W 131 with a grade of C or higher. Study of a coherent period of British or Commonwealth culture (such as medieval, Elizabethan, or Victorian

England, or modern Canada), with attention to the relations between literature, the other arts, and the intellectual milieu.

ENG-L 384 Studies in American Culture (3 cr.) P: ENG-W 131 with a grade of C or higher. Study of a coherent period of American culture (such as the Revolution, the Progressive Era, the Great Depression) with attention to the relations between literature, the other arts, and the intellectual or social milieu.

ENG-L 389 Feminist Literary and Cultural Criticism (3 cr.) P: ENG-W 131 with a grade of C or higher. Selected critical approaches to the issue of gender over time and in various cultural settings. Topics vary, including feminist criticism and popular culture, the history of feminist expository prose, deconstructionism, and feminism.

ENG-L 391 Literature For Young Adults (3 cr.) Study of books suitable for junior high and high school classroom use. Special stress on works of fiction dealing with contemporary problems, but also including modern classics, biography, science fiction, and other areas of interest to teenage readers.

ENG-L 394 Film and Literature (3 cr.) The course approaches the analysis of films through the cinematic equivalents of the tools of literary criticism. It will introduce students to the elements of filmmaking and the methods of literary analysis as a way of reaching an understanding of how films mean.

ENG-L 395 British and American Film Studies (3 cr.) P: ENG-W 131 with a grade of C or higher. Intensive study of specific topics related to film narratives; emphasis on American or British film as a cultural phenomenon. Topic varies.

ENG-L 406 Topics in African American Literature (3 cr.) P: ENG-W 131 with a grade of C or higher. Intensive study of specific topics in African American literature. Topic varies.

ENG-L 450 Seminar: British and American Authors (3 cr.) P: ENG-W 131 with a grade of C or higher. Intensive study of a major author or a school of closely related authors.

ENG-L 460 Seminar: Literary Form, Mode, and Theme (3 cr.) P: ENG-L 202/371 and three additional ENG-L courses or permission of instructor. Study of texts written in several historical periods united by a common mode or form (narrative, romanticism, lyric, etc.), or by a common theme (bildungsroman, the city and the country, the two-cultures question, the uses of literacy, etc.).

ENG-L 470 Seminar: Literature and Interdisciplinary Studies (3 cr.) P: ENG-W 131 with a grade of C or higher. Study of a body of English or American literature in relation to another discipline (philosophy, art, history, linguistics, psychology, etc.), or in light of critical theory (structuralist, psychoanalytic, genre theory, etc.).

ENG-L 480 Seminar: Literature and History (3 cr.) P: ENG-W 131 with a grade of C or higher. Study of a body of literature in relation to a period of history, to a theory of history, or to an historical theme.

ENG-L 495 Individual Reading in English (1-3 cr.)
P: Consent of instructor.

ENG-L 498 Internship in English (1-3 cr.) Supervised experience in teaching undergraduate English course or in editing departmentally based journal or allied publication.

ENG-L 503 Teaching of Literature in College (2-4 cr.) Classroom teaching of literature in the light of current approaches.

ENG-L 625 Readings in Shakespeare (4 cr.) Critical analysis of selected texts.

ENG-L 651 American Literature 1609-1800 (4 cr.) Intensive historical and critical study of all genres from John Smith through Charles Brockden Brown.

ENG-L 655 AMER LIT & CULTURE 1900-1945 (3 cr.) Study of American literature and culture from the turn of the century to 1945.

ENG-L 680 Special Topics in Literary Study and Theory (4 cr.) Readings in sociological, political, psychological, and other approaches to literature.

ENG-L 695 Individual Readings in English (1-4 cr.)
Independent study.

ENG-W 100 Developmental Composition (3 cr.)
P: Placement according to the IU Southeast English Placement Process. Emphasizes writing paragraphs and larger compositions; learning and practicing forms of academic writing; developing varied sentence structure; review of mechanics and usage. This is a student development course, and credit does not apply toward a degree.

ENG-W 130 Principles of Composition (3 cr.)
P: Placement according to the IU Southeast English Placement Process. For students who need a semester of writing instruction before taking ENG-W 131. Practice in writing papers for a variety of purposes and audiences. Attention to sentence and paragraph structure.

ENG-W 131 Reading, Writing, & Inquiry I (3 cr.)
P: Placement according to the IU Southeast English Placement Process. W131 teaches skills of critical reading, thinking, and writing to help students meaningfully engage artifacts, events, and issues in our world. The course builds students' abilities to read written and cultural texts critically; to analyze those texts in ways that engage both students' own experiences and the perspectives of others; and to write about those texts for a range of audiences and purposes as a means of participating in broader conversations. Assignments emphasize the analysis and synthesis of sources in making and developing claims.

ENG-W 132 Elementary Composition 2 (3 cr.) P: ENG-W 131 with a grade of C or higher. Progresses from practice of simple description, narration, and exposition to practice of persuasion and documentation in support of a thesis.

ENG-W 203 Creative Writing (3 cr.) P: ENG-W 131 with a grade of C or higher. Exploratory course in writing in which students write both poetry and fiction. Taught as a workshop.

ENG-W 206 Introduction to Creative Writing (3 cr.)

Provides students with the opportunity to develop their creative writing skills, and gives them a working knowledge of the basic principles of fiction, poetry and drama.

ENG-W 207 Introduction to Fiction Writing (3 cr.)

P: ENG-W 131 with a grade of C or higher. An introduction to the techniques and principles of fiction writing. Written assignments, workshop discussions of student work in progress, seminar study of classic and contemporary examples of the genre.

ENG-W 231 Professional Writing Skills (3 cr.)

P: ENG-W 131 with a grade of C or higher or equivalent. To develop writing skills requisite for most professional activities. Emphasis on methods of research, organization, and writing techniques useful in preparing business and professional memos, letters, reports, and proposals.

ENG-W 234 Technical Report Writing (3 cr.)

P: ENG-W 131 with a grade of C or higher. Instruction in preparing engineering and other technical proposals and reports, with an introduction to the use of graphics.

ENG-W 250 Writing in Context (3 cr.)

P: ENG-W 131 or equivalent. A course designed to provide a subject-matter context for reading, writing, and research assignments of increasing complexity. Topics of general interest (e.g., autobiography, nature writing, science and society, teacher and child, American business, prison life, etc.) vary from section to section.

ENG-W 270 Argumentative Writing (3 cr.)

P: ENG-W 131 with a grade of C or higher. Offers instruction and practice in writing argumentative essays about complicated and controversial issues. The course focuses on strategies for identifying issues, assessing claims, locating evidence, deciding on a position, and writing papers with clear assertion and convincing arguments.

ENG-W 290 Writing in the Arts and Sciences (3 cr.)

P: ENG-W 131 with a grade of C or higher. An introduction to academic writing as a means of discovery and record. Study of and practice in the procedures, conventions, and terminology of the humanities, social sciences, and natural sciences. Research-intensive.

ENG-W 300 Writing for Teachers (3 cr.)

P: ENG-W 131 with a grade of C or higher. The study of writing in relation to the teaching of writing in the schools. Students will evaluate their own writing strengths and weakness and complete a series of writing assignments meant to improve their writing skills. Additionally, students will read current, selected works in composition theory and learn how to apply their new understandings about writing to various teaching situations.

ENG-W 301 Writing Fiction (3 cr.)

P: ENG-W 203 and ENG-W 206.

ENG-W 303 Writing Poetry (3 cr.)

P: ENG-W 203 and ENG-W 206.

ENG-W 303 WRITING POETRY (3 cr.)

Further exploration in the art of poetry writing.

ENG-W 311 Writing Creative Nonfiction (3 cr.)

P: ENG-W 203 and ENG-W 206. Writing workshop in such modes as personal essay, autobiography, or documentary.

ENG-W 315 Writing for the Web (3 cr.)

P: ENG-W 131 with a grade of C or higher. This course introduces students to new forms of writing (beyond word processing and desktop publishing) made possible by computers - hypertext, electronic mail, and computer conferencing - and explores what impact these forms will have on literacy skills for writers and readers of such computer-delivered texts.

ENG-W 331 Business and Administrative Writing (3 cr.)

P: ENG-W 131 with a grade of C or higher. Emphasis on proposals, presentations, collaborative and individual reports needed within a business, administrative, or organizational setting. Students discover how the process and products of writing shape organizational culture by studying documents organizations use, from hiring to setting ethical standards, as they communicate both internally and globally.

ENG-W 350 Advanced Expository Writing (3 cr.)

P: ENG-W 131 with a grade of C or higher or equivalent. Close examination of assumptions, choices, and techniques that go into a student's own writing and the writing of others.

ENG-W 364 The Art of Magazine Editing for Publication and Production (3 cr.)

P: ENG-W 131 with a grade of C or higher. Examines the writing process from the perspective of the manager who supervises the writing of texts that become products: books, newsletters, websites, etc. It explores the document production process, focusing on design, desktop publishing, web publishing, and the stages of writing project management.

ENG-W 371 RHETORICAL PRACTICES (3 cr.)

Rhetorical theory and history from ancient to modern times.

ENG-W 395 Individual Study of Writing (1-3 cr.)

P: ENG-W 131 with a grade of C or higher. Exercise in the study of written expression and communication in informative, persuasive, or imaginative writing.

ENG-W 397 Writing Center Theory and Practice (3 cr.)

This course will introduce student tutors to research and theory on the writing process, revision, and writing centers, which assumed an important place in composition studies, as writing centers have been an entry point into the field for many scholars/teachers. Areas of focus are scholarship and pedagogy, politics of literacy education and development of reflective tutoring practices.

ENG-W 398 Internship in Writing (1-3 cr.)

Combines study of writing with practical experience of working with professionals in journalism, business communication, or technical writing. Researched reports are required. Evaluations made by both supervisor and instructor.

ENG-W 401 Advanced Fiction Writing (3 cr.)

P: 6 credit hours in ENG-W 203/ENG-W 206, and ENG-W 301. Focused work in the art and profession of fiction writing.

ENG-W 403 Advanced Poetry Writing (3 cr.)

P: 6 credit hours in ENG-W 203/ENG-W 206, and ENG-W 303. Focused work in the art and profession of poetry writing.

ENG-W 405 Writing Prose Nonfiction (3 cr.)

P: ENG-W 131 with a grade of c or higher. Variable topics related to the production of non-fiction prose. Includes an intensive

written project that may involve research as well as production of essays.

ENG-W 411 Directed Writing (1-3 cr.) Description of project as assigned by instructor consenting to direct it. Individual critical projects worked out with faculty member. Credit varies with scope of the project.

ENG-W 420 Argumentative Writing (3 cr.) P: ENG-W 131 with a grade of C or higher. Presents argument as a process of inquiry. Applies critical and creative thinking to analyzing and composing effective argument. Addresses contexts and ideologies as a component of audience receptivity to ideas. Writers form and test ideas from pluralistic perspectives on controversial issues about which reasonable people disagree, including culture-sensitive issues such as gender, race, ethnicity, etc.

ENG-W 426 WRITNG NONFIC:POP&PROF PUBLCTN (3 cr.) Students in this Honors course will integrate and apply academic writing skills gained from their previous academic work. They will compose documents appropriate for business and organizational purposes and explore the marketing process for freelance writing.

ENG-W 490 Writing Seminar (3 cr.) P: Writing concentration majors must complete A) ENG-W 290, B) ENG-W 350 or ENG-W 420; and C) at least one other writing course (ENG-W) at the 200 level or above before enrolling in W490. W290 should be taken in the sophomore year. A capstone writing seminar for English writing concentration majors. Students will produce a major research-based project in nonfiction prose that will be presented in a public forum (such as a student research conference) or that contains another applied learning component to be approved by the instructor.

ENG-W 500 Teaching Composition: Issues and Approaches (4 cr.) P: Graduate standing. Consideration of fundamental issues in the teaching of writing and the major approaches to composition instruction. Specific topics include teaching invention and revision, diagnosing errors, teaching style and organization, making assignments, and evaluating student writing.

ENG-W 501 PRACTICUM ON TEACHING OF COMP (3 cr.) Practical teaching of composition; current theories and policies.

ENG-W 508 GRAD CREATIVE WRITING-TEACHERS (3 cr.) Offers current and future teachers insights into the creative writing process, teaches them to think as writers do, suggest strategies for critiquing creative work, and provide guidance in developing creative-writing curriculum. Emphasis on hands-on writing activities in three genres, adaptable for use with students at entry level.

ENG-W 600 TPCS IN RHETORIC & COMPOSITION (3 cr.) Covers selected issues in current composition and rhetorical theory.

ENG-W 609 Directed Writing Projects (1-4 cr.) Individual creative or critical projects negotiated with the professor who agrees to offer tutorial assistance.

ENG-W 611 WRITING FICTION 1 (3 cr.)

ENG-W 615 Writing Creative Nonfiction (4 cr.) Writing workshop in such modes as personal essay, autobiography, and documentary.

FINA-A 101 Ancient and Medieval Art (3 cr.) A survey of major styles and monuments in art and architecture from prehistoric times to the end of the Middle Ages.

FINA-A 102 Renaissance through Modern Art (3 cr.) A survey of major artists, styles, and movements in European and American art and architecture from the fifteenth century to the present.

FINA-A 150 Africa, New World, and Oceanic Art (3 cr.) A survey of the arts and cultures of the native peoples of Africa, North and South America, and the South Pacific. FINA-A 150 and FINA-A 458 may not both be taken for credit.

FINA-A 215 Ideation and Process (3 cr.) This course is designed to help Fine Arts/Design students develop their creative process deliberately and effectively. Working and researching both independently and collaboratively students will analyze, establish, and put into practice, strategies for concept development and creative problem solving as well as developing tools to help them approach, apply, and track a creative process from idea through construction and then to post-production assessment. Students will research and discuss their own creative practices as well as that of their peers and professional contemporaries. The course will include discussions, presentations and critiques, exercises, lectures, research, writing, and readings.

FINA-A 270 Women in the History of Art (3 cr.) P: ENG-W 131. Women artists from the Renaissance through modern times and the problems affecting women artists during these periods. Does not count as part of art history requirements for art majors.

FINA-A 315 Art of the Ancient World (3 cr.) P: ENG-W 131, ENG-W 290. A study of the architecture, sculpture, painting, and ceramics of the ancient world. Emphasis on ancient Greece and Rome.

FINA-A 322 Romanesque and Gothic Arts (3 cr.) P: ENG-W 131, ENG-W 290. Survey of the art of the high Middle Ages from the eleventh through the fifteenth centuries, with an emphasis on architecture and sculpture in England, France, Germany, and Italy.

FINA-A 343 American Art (3 cr.) P: ENG-W 131, ENG-W 290. The history of American art from colonial times to the present.

FINA-A 362 The Art of Japan (3 cr.) P: ENG-W 131, ENG-W 290. A survey of Japanese art from the Jomon to the nineteenth century.

FINA-A 400 Senior Seminar in Art History (4 cr.) P: Required of Art History majors. Senior standing and consent of instructor. Intensive examination of selected topics in art history.

FINA-A 401 Art Theory-Senior (3 cr.) Required of BA studio majors. Must be taken during the 400-level studio sequence. This course is designed to cover a broad range of concerns vital to the art major, including graduating senior exhibition, contemporary theory, continued study in graduate school, and/or careers in the professional art world.

FINA-A 402 Arts of Native North America (3 cr.) P: ENG-W 131, ENG-W 290. A survey of the history of

North American First Nations peoples' art from archaic to contemporary times.

FINA-A 403 Baroque and Rococo Art (3 cr.) P: ENG-W 131, ENG-W 290. The history of the art of both northern and southern Europe during the seventeenth and early eighteenth centuries.

FINA-A 404 Modernism: Art, Politics, and Innovation, 1850 to 1900 (3 cr.) P: ENG-W 131, ENG-W 290. This course will examine Western art from the mid- to the end of the nineteenth century. Topics will include Realism and Naturalism, the origins of the avant-garde, the emergence of photography, architecture and design in the age of industry, Impressionism, Post- and Neo-Impressionism, the appeal of the modern and modernity, newly developing modes of abstraction, symbolism, and the origins of the twentieth century artistic avant-gardes.

FINA-A 405 Art of the Northern Renaissance (3 cr.) P: ENG-W 131, ENG-W 290. The history of painting and sculpture outside Italy during the fifteenth and sixteenth centuries.

FINA-A 406 Art of the Italian Renaissance (3 cr.) P: ENG-W 131, ENG-W 290. The history of Italian art beginning with the Proto-Renaissance in the thirteenth century through the High Renaissance of the sixteenth century.

FINA-A 439 The Historical Avant-Gardes: Art from 1900 to 1945 (3 cr.) P: ENG-W 131, ENG-W 290. This course familiarizes students with the major historical avant-garde art movements from 1900 to 1945. Students will be introduced to Fauvism, Cubism, Futurism, Dada, Suprematism, Constructivism, and Surrealism, among others. Although the course focuses on Europe, the international manifestations of these movements will also be introduced.

FINA-A 440 Nineteenth-Century Painting 1 (3 cr.) P: ENG-W 131, ENG-W 290. Major painters and artistic movements in Western Europe and the United States during the nineteenth century.

FINA-A 451 Art of the South Pacific (3 cr.) P: ENG-W 131, ENG-W 290. A survey of the arts of Pacific island groups. Emphasis on Polynesia, Micronesia, and Melanesia.

FINA-A 452 Art of Pre-Columbian America (3 cr.) P: ENG-W 131, ENG-W 290. A survey of pre-contact arts of the Americas south of the Rio Grande.

FINA-A 456 The Art and Culture of Samoa, Western Polynesia (3 cr.) P: Consent of instructor. The program will take place in the independent Pacific nation of Samoa and will introduce students to Samoan art and culture. The course work is designed to provide the student with two options: a series of hands-on workshops on the heritage arts of textile creation and decoration led by specialist artists, or the development of an individual research or creative project.

FINA-A 457 Experimental Art Since 1945 (3 cr.) P: ENG-W 131, ENG-W 290. This course familiarizes students with major art movements in contemporary art since 1940 in Europe and the United States, and globally since 1980, introducing avant-garde art movements and

related transnational developments. It presents concepts of modernism and postmodernism, among others.

FINA-A 458 Topics in the Ethnographic Arts: The Art of Africa, the Pacific, and the Americas (3 cr.) P: ENG-W 131, ENG-W 290. Specific topics of particular interest in the ethnographic arts. Topics thematically based.

FINA-A 490 Topics in Art History (3 cr.) P: ENG-W 131, ENG-W 290. Individual topics vary. Will be listed in course schedule.

FINA-A 495 Reading and Research in Art History (1-4 cr.) P: ENG-W 131, ENG-W 290 and consent of instructor. Individual-directed study of art history topics.

FINA-D 210 Digital Art: Survey and Practice (3 cr.) Beginning class on digital media's role in the world of art production and reception. Class emphasizes learning to use digital media to produce original, creative artwork. Topics include digital imaging, communicative art, and interactivity. May be taken concurrently with FINA-F 100, FINA-F 101, or FINA-F 102.

FINA-D 310 Interactive Multimedia (3 cr.) P: FINA-S 217. A study of the principles and fundamental techniques for creating multimedia projects that explore their potential for critical artistic expression. The course will examine issues specific to onscreen interaction and time-based media. Tools such as Flash, Dreamweaver, and other supporting programs will be covered.

FINA-D 410 Advanced Multimedia (3 cr.) P: FINA-D 310. A broad range of aesthetic and conceptual issues related to digital material and electronic interactivity. Students are encouraged to develop art projects using digital multimedia, video, hypertext, or the incorporation of object-based media. Dialogue of timely issues through readings, screenings, websites, and gallery visits.

FINA-D 412 B.F.A. Digital Art (1-6 cr.) P: Admission into the B.F.A. program in digital art. Directed, advanced study and production of a body of work leading to B.F.A. exhibition. Students meet independently with instructor and in group critiques to maintain a dialogue and provide technical advice.

FINA-F 100 Fundamental Studio - Drawing (3 cr.) A basic course for the development of visual awareness and coordination of perceptual and manual skills; seeing, representing, and inventing on an experimental, exploratory level on a two-dimensional surface. Problems in composition as well as hands-on work with the formal elements of art: line, shape, space, value, texture. May be taken concurrently with FINA-F 101, FINA-F 102, or FINA-D 210.

FINA-F 101 Fundamental Studio - 3D (3 cr.) A basic course in the area of three-dimensional design, with emphasis on the art elements of line, plane, and volume. Development of skills in basic media, techniques, and tools commonly used in the creation of three-dimensional art forms. Projects involve the three-dimensional processes of substitution and the additive and subtractive methods, including casting, modeling, carving, and constructing, through the use of a variety of sculptural materials. May be taken concurrently with FINA-F 100, FINA-F 102, or FINA-D 210.

FINA-F 102 Fundamental Studio - 2D (3 cr.) Emphasis on color theory and color relationships along with the principles and dynamics of two-dimensional design. May be taken concurrently with FINA-F 100, FINA-F 101, or FINA-P 273.

FINA-G 400 B.F.A. Final Review (0 cr.) Final portfolio review for B.F.A. program.

FINA-G 405 B.A. Senior Exhibition (0 cr.) Preparation of required senior exhibition of student artwork. Students will create, prepare and install creative works. Students will also design and distribute an announcement for exhibit.

FINA-G 551 Graduate Design (1-30 cr.) Graphic Design as an integral element of all visual communication media. Self-defined and assigned study to assure as wide as possible exposure to the problem solving process.

FINA-H 100 Introduction to Art History and Visual Culture (3 cr.) P: ENG-W 131. C: ENG-W 131 The purpose of this course is to acquaint students with outstanding works of art and provide an approach to appreciation through knowledge of purposes, techniques, forms, and content. Does not count toward the Fine Arts major.

FINA-N 108 Introduction to Drawing for Non-Majors (3 cr.) Drawing Fundamentals introduces the student to the basic elements of drawing. Line, shape, value, and perspective will be studied before moving on to the more complex use of color, landscape, and still life will be the source of subject matter for the semester.

FINA-N 110 Introduction to Studio Art (3 cr.) A general introduction to painting, drawing, printmaking, and ceramics for the nonmajor.

FINA-N 274 Digital Imaging (3 cr.) A course designed for non-art majors. Students will learn to apply basic art and design fundamentals to the personal computer. Areas such as page layout and illustration will be covered in assigned problems.

FINA-P 323 Introduction to Web Design (3 cr.) P: FINA-D 210 Recommended. Explore the vast potential and role of technology and graphics in web design, both as a platform for creating entire website prototypes and individual visual elements. An emphasis will be placed on obtaining strong conceptualization, content, functionality and software knowledge. This course aims to prepare the students for future website development. Knowledge of Mac Platform recommended.

FINA-S 165 Ceramics for Nonmajors (3 cr.) Introduction to ceramics through hand-building techniques, glazing and firing, and clay body preparations. Lectures and discussion included on ceramic techniques, aesthetics, and theory.

**FINA-S 196 CERAMICS FOR NON-MAJORS
PRINTMAKING FOR NON-MAJORS (3 cr.)**

Understanding of basic printmaking techniques through hands-on experience with monotype, relief, and intaglio (etching).

FINA-S 200 Drawing 1 (3 cr.) P: FINA-F 100. Introduction to drawing through a variety of drawing media, stressing basic visual awareness; seeing, representing, and technical command on a two-dimensional surface.

Problems in handling placement, line, space, volume, value, and formal articulation.

FINA-S 210 Printed and Dyed Textile Design I (3 cr.) Introduction to continuous yardage design on fabrics by block printing. Experiments with small silkscreens, tie-dye, and batik.

FINA-S 217 Video Art (3 cr.) P: FINA-F 100, FINA-D 210. Exploration of the medium of video as an aesthetic expression. Time and sound are elements incorporated into visual composition's traditional concerns. Emphasis on technical command of video camera and digital editing procedures in conjunction with development of a visual sensitivity. Reading and a research project are required.

FINA-S 230 Painting 1 (3 cr.) P: FINA-F 100, FINA-F 102. Introduction to painting in oil. Study of the spatial and expressive qualities of color, with an emphasis on composition and pictorial design. Development of technical skills in image making through exploration of traditional and modern methods of paint application. Introduction to surface preparation, framing, and display of paintings.

FINA-S 239 PAINTING FOR NON-MAJORS (3 cr.) Introduction to painting in oil. Study of the spatial and expressive qualities of color, with an emphasis on composition and pictorial design. Development of technical skills in image making through exploration of traditional and modern methods of paint application. Introduction to surface preparation, framing, and display of paintings. (Will not count toward a major in Fine Arts.)

FINA-S 240 Printmaking 1 (3 cr.) P: FINA-F 100, FINA-F 102. Introduction to printmaking. Study of traditional and contemporary techniques, including, but not limited to intaglio (etching), monotype, and relief. Problems in pictorial composition will be emphasized along with understanding of technique. Appreciation and sensitivity to the art of the print will be cultivated.

FINA-S 250 Graphic Design 1 (3 cr.) Drawing and perception in the history and practice of visual communication, including a basic introduction to the field and exercises with pencil, marker, computer, and other tools, to produce symbols, letter forms, and symbol-letter combinations.

FINA-S 254 Beginning Typography (3 cr.) P: FINA-F 100, FINA-F 101, and FINA-P 273. The study of the art of typography. The course focuses on learning and applying basic typographical terminology as it relates to the field of graphic design.

FINA-S 260 Ceramics 1 (3 cr.) P: FINA-F 100, FINA-F 101. Introduction to ceramics through hand building techniques, glazing and firing, and clay body preparation. Lectures and discussion included on ceramic techniques, aesthetics, and theory.

FINA-S 270 Sculpture 1 (2-3 cr.) Foundation in basic technical and formal methods of traditional and contemporary sculpture. Use of tools and equipment for additive and subtractive techniques include: wood construction, steel fabrication, clay modeling, plaster mold making and cold casting, and assemblage. Emphasis placed on technical execution, conceptualization and creative problem solving.

FINA-S 291 Fundamentals of Photography (3 cr.)

P: FINA-S 217. Basic practice of digital camera operation, exposure calculation, exposing, image file management, image optimization and digital printing. Guidance toward establishment of a personal photographic aesthetic.

FINA-S 301 Drawing 2 (3 cr.) P: FINA-S 200.

Intermediate course in drawing from the model and other sources. Emphasis on technical command of the media in conjunction with the development of visual awareness. Continued problems from FINA-S 200 with additional emphasis on individual awareness and sensitivity to media, surface, and content.

FINA-S 305 Internship: Graphic Design (1-12 cr.)

P: Permission of instructor required. Practical experience in graphic design.

FINA-S 306 Digital Illustration (3 cr.) P: FINA-F 100,

FINA-D 210. An introduction to digital drawing and painting. Emphasis is on developing conceptual skills and narrative compositions.

FINA-S 310 Photography (3 cr.) Photography introduces students to the digital darkroom. The course offers an overview of digital photography and imaging software used to enhance, manipulate and montage photographs. Students will explore a variety of ways to express visual ideas through digital images. Assignments explore visual creative problem solving and creative output of fine art photographs.

FINA-S 331 Painting 2 (3 cr.) P: FINA-S 230.

Intermediate course in painting, with an emphasis on the technical command of both oil and acrylic media. Continued study in composition and pictorial design in painting. Further development in traditional and modern methods of paint application with an emphasis on individual experimentation.

FINA-S 341 Printmaking 2: Intaglio (3 cr.) P: FINA-S 240. Continuation of intaglio study begun in FINA-S 240, with emphasis on traditional and contemporary modes of expression. Semester work includes experimentation with color printing techniques. Problems in pictorial composition will be stressed with emphasis on technical competency.

FINA-S 343 Printmaking 2: Lithography (3 cr.) P: FINA-S 240. Advanced study with emphasis on plate and stone lithography. Problems in pictorial composition, drawing issues, and experimentation with technique will be stressed.

FINA-S 344 Printmaking 2: Silkscreen (3 cr.) P: FINA-S 240. Intermediate screen-printing techniques.

FINA-S 345 Life Drawing (3 cr.) P: FINA-S 200. Detailed study of the human form. Emphasis will be on rendering, mood, expression, and skeletal and muscular structure.

FINA-S 348 Printmaking 2: Relief (3 cr.) P: FINA-S 240. Intermediate relief printing techniques.

FINA-S 351 Graphic Design 2 (3 cr.) P: FINA-F 100, FINA-D 210. Studies in visual communication concentrating on typography as it relates to other design elements in practical design application.

FINA-S 352 Graphic Design 3 (3 cr.) P: FINA-S 250, FINA-S 351. Graphic design course emphasizing production techniques.

FINA-S 361 Ceramics 2 (3 cr.) P: FINA-S 260. Continued practice in ceramics and introduction to throwing on the wheel. Lectures and discussion included on techniques, aesthetics, and theory.

FINA-S 371 Sculpture 2 (3 cr.) Development of skills in both traditional and contemporary sculpture methodology. Rotating semester topics include figurative sculpture, carving, casting, steel/wood construction, computer-aided machining and rapid prototyping, installation art, and public art. Emphasis on the exploration of ideas through the sculptural form and knowledge of materials and historical traditions.

FINA-S 392 Intermediate Photography (3 cr.) Practice of black and white photography: camera work, darkroom practices, appreciation of photographs and experience in expressive use of the medium.

FINA-S 401 Drawing 3 (3 cr.) P: 6 hours in FINA-S 301. Advanced drawing from the model and other sources using a variety of media, both conventional and invented. Craftsmanship, content, and personal style are stressed.

FINA-S 405 B.F.A. Drawing (1-6 cr.) P: FINA-S 200 and accepted into B.F.A. studio major. Continuing opportunity for extensive practice in the drawing craft. Craftsmanship, content, and personal style are stressed.

FINA-S 417 Hand Papermaking (3 cr.) This course will introduce students to the basic techniques of creating hand-made sheets of paper from both recycled and beaten fibers. Students will experiment with various fibers, additives, pigments, and pulp painting techniques to create one-of-a-kind sheets of hand-formed papers.

FINA-S 431 Painting 3 (3 cr.) P: FINA-S 331. Advanced course in painting aimed at the continued mastery of technical skills, with an emphasis on individual solutions to pictorial and conceptual problems in painting.

FINA-S 432 B.F.A. Painting (1-6 cr.) P: FINA-S 230 and accepted into B.F.A. studio major. Concentrated studio projects within the framework of the B.F.A. painting program. Attention to content, craftsmanship, intent, and resources.

FINA-S 438 Water Media (3 cr.)

This class is intended to give students experience in painting with water-based media, including acrylic, watercolor, and mixed media. This course is comprised of studio practice (both in-studio and outside), demonstrations, slide presentations and critiques.

FINA-S 441 Printmaking 3: Intaglio (3 cr.) P: 6 credits in FINA-S 341 or FINA-S 343. Advanced problems in intaglio and color printing techniques for qualified students.

FINA-S 442 B.F.A. Printmaking (1-6 cr.) P: FINA-S 240 and accepted into B.F.A. studio major. Directed advanced study in printmaking.

FINA-S 443 Printmaking 3: Lithography (3 cr.) P: 6 credits in FINA-S 341 or FINA-S 343. Advanced work in lithography, including color-printing techniques for qualified students.

FINA-S 444 Printmaking III Silkscreen (1-20 cr.)

Advanced work in silkscreen for qualified students. Also open for non-M.F.A. printmaking students on the graduate level.

FINA-S 445 Relief Printmaking Media (1-3 cr.) Relief printmaking media: woodcut, linocut, monotype, and collograph. Students create prints in each medium in both black-and-white and color using a variety of traditional and innovative techniques such as photo and the computer.

FINA-S 451 Graphic Design 4 (3 cr.) P: FINA-S 250, FINA-S 351, FINA-S 352. Professional problem solving in graphic design.

FINA-S 452 B.F.A. Graphic Design (1-6 cr.) P: FINA-S 250 and accepted into B.F.A. studio major. Directed, advanced study in graphic design.

FINA-S 461 Ceramics 3 (3 cr.) P: FINA-S 361. Advanced study in ceramic studio practice. Advanced study of finishing techniques, clay body preparation, and glaze formulation. Lectures and discussion included on techniques, aesthetics, and theory. Individualized course of study with a concentration on artistic development.

FINA-S 462 B.F.A. Ceramics (1-6 cr.) P: FINA-S 260 and accepted into B.F.A. studio major. Continuing opportunity for extensive practice in clay techniques.

FINA-S 463 Topics in Studio Ceramics (3 cr.) P: FINA-S 260 or consent of instructor. Selected specialized topics in studio ceramics.

FINA-S 490 Advanced Photography I (3 cr.)

FINA-S 492 Advanced Photography 2 (1-20 cr.)

FINA-S 495 Advanced Photo Systems (3-5 cr.) The photographic process as a system, study of the nature and behavior of its several components, and the manner and means of their interaction.

FINA-S 497 Independent Study in Studio Art (1-6 cr.)

Advanced independent work in studio area of student's choice. Emphasis on self-motivation and self-direction in addition to intensive furthering of skills and concepts already obtained in studio classes.

FINA-S 531 Graduate Painting (1-30 cr.)

FINA-S 541 Graduate Printmaking (1-30 cr.)

FINA-S 561 Graduate Deramics (1-30 cr.)

FINA-T 338 Special Topics in Digital Media (3 cr.)
Various topics in new media.

FINA-U 400 B.F.A. Seminar: Sources and Resources - Professional Skills in Fine Arts (3 cr.) Focuses on both personal and cultural issues in aesthetics and on building professional skills for careers in art.

FINA-U 401 Special Topics in Studio Art (3 cr.) Special topics in studio art not ordinarily covered in other Fine Arts program courses.

FREN-F 100 Elementary French I (4 cr.) Students who have studied French must take a placement test before enrolling. Introduction to French language and selected aspects of French civilization and culture. Some online work will be required.

FREN-F 150 Elementary French II (4 cr.) P: FREN-F 100 or by placement test. Students who have studied French must take a placement test before enrolling. Introduction to French language and selected aspects of French civilization and culture. Some online work will be required.

FREN-F 200 Second-Year French I (3 cr.) P: FREN-F 150 or by placement test. Grammar, composition, and conversation coordinated with the study of expository, literary, and cultural texts. Some online work will be required.

FREN-F 203 SECOND-YEAR FRENCH I (3 cr.)
Composition, conversation, and grammar coordinated with the study of expository and literary texts.

FREN-F 204 SECOND-YEAR FRENCH II (3 cr.)
Composition, conversation, and grammar coordinated with the study of expository and literary texts.

FREN-F 250 Second-Year French II (3 cr.) P: FREN-F 200 or by placement test. Grammar, composition, and conversation coordinated with the study of expository, literary, and cultural texts. Some online work will be required.

FREN-F 300 Lectures et analyses littéraires (3 cr.)
P: FREN-F 250. Preparation for more advanced work in French literature. Readings and discussions of one play, one novel, short stories or essays, and poems.

FREN-F 305 Chefs-d'oeuvre de la littérature française I (3 cr.) P: FREN-F 250. Drama and literature of ideas. Dramatists such as Corneille, Racine, Moliere, Beaumarchais, and Sartre; essayists and philosophes such as Descartes, Pascal, Voltaire, Diderot, and Camus. Lectures and discussion in French.

FREN-F 306 Chefs-d'oeuvre de la littérature française II (3 cr.) P: FREN-F 250. Novel and poetry. Novelists such as Balzac, Flaubert, and Proust; readings in anthologies stressing sixteenth-, nineteenth-, and twentieth-century poetry. Lectures and discussion in French.

FREN-F 312 Readings in French Literature in Translation (3 cr.) Representative readings emphasizing a particular author, genre, or topic in French literature. The subject may vary with each listing, and is identified in the Schedule of Classes. No credit in the concentration area for French majors.

FREN-F 313 Advanced Grammar and Composition I (3 cr.) P: FREN-F 250. Detailed review of grammar. Writing practice.

FREN-F 314 Advanced Grammar and Composition II (3 cr.) P: FREN-F 313. Detailed review of grammar. Writing practice.

FREN-F 315 French Conversation and Diction I (3 cr.)
P: FREN-F 250. Course devoted to more advanced oral and continual work with phonetics.

FREN-F 316 French Conversation and Diction II (3 cr.)
P: FREN-F 315. Course devoted to more advanced oral and continual work with phonetics.

FREN-F 320 Travaux Pritiques De Pron Fr (2 cr.)
P: FREN-F 250. In-depth study of the French sound system and refinement of pronunciation through practical exercises.

FREN-F 363 Introduction à la France moderne (3 cr.)

P: FREN-F 313. The development of French culture and civilization in the twentieth century, with an emphasis on the events that shaped modern France, the structure of daily life, and its institutions.

FREN-F 391 Studies in French Film (3 cr.)

P: FREN-F 313 or permission of instructor. Analysis of major French art form, introduction to modern French culture seen through medium of film art, and study of relationship of cinema and literature in France.

FREN-F 415 La Culture francophone (3 cr.)

P: FREN-F 363 or permission of instructor. Francophone cultures outside of Europe will be the focus of this course. A comparative approach will serve to underline similarities and differences among different francophone communities and also to compare them with Franco-European culture. A variety of resources, from cultural and literary readings to musical/film selections will be exploited.

FREN-F 461 La France contemporaine (3 cr.)

P: FREN-F 363. France since 1945; political, social, economic, and cultural aspects.

FREN-F 474 Theme et version (3 cr.)

P: FREN-F 313. Translations of selected passages, alternating between English and French, to teach students to write with precision and clarity in both languages.

FREN-F 475 Le Français Oral: Cours Avancé (3 cr.)

P: FREN-F 315 or permission of instructor. This course will build upon the oral and aural skills developed in intermediary level courses in French with intensive oral/aural practice both inside and outside the classroom.

FREN-F 495 Individual Readings in French (1-3 cr.)**GEOG-G 107 Physical Systems of the Environment (3 cr.)**

An examination of the physical environment as the home of human beings, with emphasis on the distribution and interaction of environmental variables and energy flow through the system.

GEOG-G 108 Physical Systems of the Environment - Lab (2 cr.)

Concurrent or previous enrollment in GEOG-G 107 recommended. Laboratory study of the physical environment.

GEOG-G 110 Introduction to Human Geography (3 cr.)

An exploration of social and cultural phenomena as these are expressed and distributed across the earth's surface. Topics include population, migration, language, religion, customs, political divisions, agriculture, industry, and urbanization.

GEOG-G 201 World Regional Geography (3 cr.)

Geographical analysis of regions occupied by European cultures and of indigenous spatial developments in non-Western areas.

GEOG-G 213 Introduction of Economic Geography (3 cr.)

Principles of economic geography, including theories concerning industrial location, competition for land, economic nature of resources, and geographic background of interregional trade.

GEOG-G 304 Meteorology and Physical Climatology (3 cr.)

P: GEOG-G 107 with a C or better. Study of weather elements, processes, and patterns. Weather observation, analysis, and forecasting. Systematic and

regional study of world climates. Relationship of climate to human activity.

GEOG-G 307 Biogeography (3 cr.)

P: GEOG-G 107 with a C or better. An analysis of the spatial distribution of natural biota with regard to physical and ecological processes.

GEOG-G 308 Natural/Human-Induced Disasters (3 cr.)

P: Minimum of 6 credit hours in one or a combination of physical and biological sciences. Study and analysis of the causes, nature, and geographical occurrence of natural and human-induced disasters. Examines the workings and consequences of disasters and hazards facing humankind.

GEOG-G 315 Environmental Conservation (3 cr.)

P: GEOG-G 107 with a C or better. The study of the conservation of natural resources, including soil, water, air, wildlife, and forests, as interrelated components of the natural and human environments, emphasizing a unified ecological approach. Current problems relating to pollution and environmental quality.

GEOG-G 321 Geography of Europe (3 cr.)

Geographical analysis of the physical features of the European environment and the spatial patterns and interrelationships of the cultural, economic, and political landscapes. Emphasis placed on the impress of man on the environment through long-term occupancy.

GEOG-G 323 Geography of Latin America (3 cr.)

Geographical analysis of the terrain, resources, climate, culture, and historical and economic development of the nations south of the Rio Grande.

GEOG-G 326 Geography of North America (3 cr.)

Continental and regional variations in terrain and climate and the economic and social life of the United States and Canada, with emphasis on geographical principles, sources of data, and techniques of investigation.

GEOG-G 333 Introductory Cartography (3 cr.)

Use, interpretation, and sources of topographic maps, thematic maps, vertical aerial photographs, and related materials. Includes projections and grids, relief symbolization, map classification, mapping agencies, and the history of maps and mapping.

GEOG-G 338 Geographic Information Science (3 cr.)

Overview of the principles and practices of Geographic Information Systems (GIS). The course will deal with issues of spatial data models, database design, introductory and intermediate GIS operations, and case studies of real-world GIS applications. Laboratory exercises will provide significant hands-on experience.

GEOG-G 345 Field Study in Geography (1-3 cr.)

Faculty supervised fieldwork in selected areas of geography.

GEOG-G 369 The Geography of Food (3 cr.)

Promotes understanding of the history and geographic distribution of the world's food cultures. Focuses on the material aspects of food and food's relationship to society. Increases knowledge of food and cultures through reading, discussion and cooking.

GEOG-G 404 Soils Geography (3 cr.)

P: GEOG-G 107 or GEOL-G 100 with a C or better. Soil genesis, morphology, and classification; soil's physical, chemical, mechanical and biological properties. Soil maps and

related data in land use analysis and the planning process.

GEOG-G 418 Historical Geography (3 cr.) Migration and diffusion, rural and urban settlement, industrialization, and transport development as spatial processes shaping the landscapes and geopolitical relationships of past places and peoples.

GEOG-G 425 Africa: Contemporary Geographic Problems (3 cr.) Contemporary geographic problems confronting the countries of sub-Saharan Africa are examined. Topics include urbanization, rural-urban migration, unemployment, agriculture, healthcare, analysis of terrain, resources, and aspects of the natural environment.

GEOG-G 432 Current Issues in Environmental Conservation (3 cr.) P: GEOG-G 315 with a C or better. Qualitative and quantitative analysis of topics of special importance in regard to environmental quality, including such topics as air and water quality, radiation, energy, and waste disposal.

GEOG-G 438 Advanced Geographic Information Systems (3 cr.) P: GEOG-G 338 with a C or better. Basic concepts and principles underlying polygon and grid-based geographic information systems are explored. Computerized data capture, storage, retrieval, analysis, and display techniques, as applied to geographic information, are explored through the development of individual student projects.

GEOG-G 439 Seminar in Geographic Information Systems (3 cr.) P: GEOG-G 438 with C or better and consent of instructor. Extension of GEOG-G 438 that develops advanced methods of spatial data analysis in the context of GIS. Emphasis on applications and individualized projects.

GEOG-G 450 Undergraduate Readings and Research in Geography (1-3 cr.) P: Junior or senior standing and consent of instructor. Individualized readings and research in geography.

GEOG-G 460 Geography Internship (1-6 cr.) P: Junior or Senior standing and departmental coordinator consent. Requires 40 hours of work per 1 hour of credit. Supervised field experience in geography, normally in conjunction with approved work at a government agency or private firm.

GEOG-G 490 Senior Seminar in Geography (3 cr.) P: Junior or senior standing and consent of instructor. Open to majors only. Research in selected problems and study of geographic thought.

GEOG-G 500 Research Problems in Geography (3-4 cr.) Examination of current research areas and research problems in geography. Introduction to research design and research methods.

GEOG-G 501 Research Problems in Geography II (3 cr.) Further development of research formulation and design skills. Approaches to geographic research and the preparation of research problem statements and proposals that may lead to thesis or dissertation research.

GEOL-G 100 General Geology (5 cr.) Broad study of the earth. The earth in the solar system, earth's atmosphere. Formation and modification of earth materials, landforms, continents, and oceans throughout geologic time.

Geological records in selected areas. Lectures, laboratory, field trips. Credit given for only one of the following geology courses: GEOG-G 100, GEOG-G 103, or GEOL-G 110.

GEOL-G 180 Dinosaurs (3 cr.) A survey of the characteristics and evolution of dinosaurs. Topics include the occurrence of dinosaur remains in the fossil record, basic anatomy, principles used in classification, types of predatory and plant-eating dinosaurs, environments occupied during life, behavior, extinction theories, dinosaurs in the media and the public eye. Credit not given for both GEOL-G 180 and GEOL-G 301.

GEOL-G 210 Oceanography (3 cr.) Study of the physical and biological features of the ocean environment.

GEOL-G 221 Introductory Mineralogy (4 cr.) P: GEOL-G 100 with a C or better. The study of minerals, including chemical composition, classification, crystallography, description, identification, occurrence, origin, and physical properties.

GEOL-G 222 Introduction to Petrology (4 cr.) P: GEOL-G 221 with a C or better. The study of igneous, metamorphic, and sedimentary rocks: composition, occurrence, characteristics, classification, origin, description, and identification.

GEOL-G 300 Environmental and Urban Geology (3 cr.) P: GEOL-G 100 with a C or better. Significance of regional and local geologic features and processes in land use. Use of geologic factors to reduce conflict in utilization of mineral and water resources and damage from geologic hazards. Credit not given for both GEOL-G 300 and GEOG-G 315.

GEOL-G 323 STRUCTURAL GEOLOGY (3 cr.) Nature and origin of primary and secondary structural features of the Earth's crust, with emphasis on mechanics of deformation and origin, and three-dimensional problems illustrating structural concepts.

GEOL-G 334 Principles of Sedimentology and Stratigraphy (4 cr.) P: GEOL-G 221 with a C or better. Interrelationship of sedimentation and stratigraphy; processes and factors influencing genesis of sedimentary strata; provenance, depositional environment, sedimentary facies, paleoecology; analytical techniques; application of principles of interpretation of stratigraphic record. Laboratory study of sediments and sedimentary rocks.

GEOL-G 341 Natural History of Coral Reefs (3 cr.) P: Department consent required. Introduction to principles of biology, ecology, and geology as applied to coral reef ecosystems.

GEOL-G 400 Energy: Sources and Needs (3 cr.) P: GEOG-G 107 with a C or better. Scientific and political constraints on the production and utilization of energy from various sources. Energy balance of the United States.

GEOL-G 409 Independent Study in Geology (1-3 cr.) P: Department consent required. Supervised independent study of topics and techniques in geology that are not available in formal courses in the department.

GEOL-G 410 Undergraduate Research in Geology (1-3 cr.) P: Junior/Senior standing and consent of

instructor. Field and laboratory research in selected problems in geology.

GEOL-G 411 Invertebrate Paleontology (3 cr.) Structure, classification, habitats, and geological history and significance of the invertebrate phyla. Laboratory study of fossils.

GEOL-G 415 Geomorphology (3 cr.) P: GEOL-G 100 with a C or better. Origin, classification, description, and interpretation of landforms. Natural processes that form landscapes, surficial geologic materials, and soils. Credit not given for both GEOL-G 415 and GEOG-G 407.

GEOL-G 419 Sedimentary Geology of Dinosaur-Bearing Rocks (2 cr.) P: Consent of instructor. Five-day, six-night field course in Colorado, Utah, and Wyoming. Focus is on presenting simple concepts of geology and paleontology utilized in reconstructing the ancient landscape, climate and environments of deposition of important dinosaur-bearing formations.

GEOL-G 420 Regional Geology Field Trip (1-3 cr.) P: One course in geology and consent of instructor. Seminar and field investigation of selected regions for study of mineralogic, lithologic, stratigraphic, structural, paleontologic, geomorphologic, or other geological relationships.

GEOL-G 424 Geographic Information Systems Applications in Geology (3 cr.) Concepts and use of Geographic Information System (GIS) and Global Positioning System (GPS) technologies are introduced during intensive laboratory sessions. Field work, conducted in the Indiana University Research and Teaching Preserve, involves mapping of pertinent features using GPS units, followed by additional data collection aimed at attributing specific mapped features.

GEOL-G 427 Introduction to X-ray Mineralogy (3 cr.) C: GEOL-G221. Instructor Permission. Theory and practice of X-ray powder diffraction and Energy Dispersive X-ray Analysis. Diffractometer and Dispersive X-ray methods and their application to the identification and the characterization of minerals.

GEOL-G 430 PRINCIPLES OF HYDROLOGY (3 cr.)

GEOL-G 435 Glacial and Quaternary Geology (3 cr.) The Quaternary Period is examined with a focus upon the last glaciation with specific reference to Northwest Indiana. Topics include glacier processes, glacial sediments, glacial landforms and landform assemblages, specific glacial lake processes, sediments and drainage events, dating methods, soil mechanics and environmental applications. Field trips are mandatory.

GEOL-G 451 Elements of Hydrogeology (3 cr.) P: GEOL-G 100 & GEOL-G 107 with a C or better. Physical and chemical properties of water, chemical equilibria and stable isotopes in groundwater; acid drainage, landfills, and agricultural pollution; Darcy's Law, fluid potential, unsaturated flow, fluid and aquifer properties affecting groundwater flow; fluid mass balance and its application; contaminant transport.

GEOL-G 460 Internship in Geology (3 cr.) P: Junior/Senior standing & department coordinator consent. Industrial or similar experiences in geologically oriented employment. Projects jointly arranged, coordinated,

and evaluated by faculty and industrial/governmental supervisors.

GER-G 100 Elementary German I (4 cr.) Students who have studied German must take a placement test before enrolling. Introduction to present-day German and selected aspects of German culture. Survey of the language: structure and meaning. Introduction to German grammatical forms and their function. Development of listening comprehension, simple speaking proficiency, controlled reading and writing skills. Attendance in the language lab may be required.

GER-G 150 Elementary German II (4 cr.) Students who have studied German must take a placement test before enrolling. Introduction to present-day German and selected aspects of German culture. Survey of the language: structure and meaning. Introduction to German grammatical forms and their function. Development of listening comprehension, simple speaking proficiency, controlled reading and writing skills. Attendance in the language lab may be required.

GER-G 200 Intermediate German I (3 cr.) P: GER-G 150 or equivalent. Further development of oral and written command of language structures. Reading of literary and nonliterary texts. Attendance in the language lab may be required.

GER-G 250 Intermediate German II (3 cr.) P: GER-G 200 or equivalent. Review of selected grammatical items. Reading of modern German prose and plays with stress on discussion in German. Writing of descriptive and expository prose based on the reading material. Attendance in the language lab may be required.

GER-G 255 Tradition & Innovation in German Lit (3 cr.) Recommended for students with no knowledge of German or those in first- and second-year language courses who wish to gain early acquaintance with German literature. Emphasis on such writers as Kafka, Brecht, Hesse, Mann, Goethe, Schiller, and Lessing. No credit given for German majors.

GER-G 275 Deutsch: Mittelstufe I (3 cr.) P: GER-G 250 Intensive review of selected grammatical topics and continued practice of composition and conversation. Conducted in German.

GER-G 305 Introduction to German Literature: Types (3 cr.) P: GER-G 250. Study of literary genres (narrative, dramatic, lyric), with examples of each selected from two or more periods.

GER-G 306 Introduction to German Literature: Themes (3 cr.) P: GER-G 305. Study of a single literary theme (such as music, generational conflict, love, revolution) as presented in two or more periods.

GER-G 310 Deutsch: Mittelstufe II (3 cr.) P: GER-G 275 Advanced oral and written communication. Study of selected advanced grammatical topics. Reading of primarily nonliterary texts. Conducted in German.

GER-G 311 Composition and Conversation (3 cr.) P: GER-G 250 or equivalent. Conversation, writing, and vocabulary building coordinated with readings of contemporary concerns, both nonfiction and fiction. Conducted in German.

GER-G 345 Introduction to Practical Translation Techniques I (3 cr.) P: GER-G 250, equivalent placement score, or permission of the department. German 345 is the first part of a two-course sequence that perfects the knowledge and skills acquired in the first four semesters while emphasizing the practical application of the language when translating into and out of English. Although the course will strive to achieve a balanced development of speaking, listening, reading, and writing skills, as well as acquire a renewed appreciation for the history and culture of German-speaking nations, there will be a focus on the written aspect of German and its relevance to speakers of English in an academic and professional environment. After briefly reviewing the history and basic theory of translation, as well as contemporary approaches to the discipline as pertains to English-speaking societies, most specifically that of the United States, this course will further develop skills from a translator's point of view, realizing that effective communication and understanding require constant practice. Meaningful written and oral translation activities within the contextualized study of German-speaking societies, and their geography, literature and current events will form integral parts of the learning process so as to enhance abilities specifically geared toward the work place and advanced studies. The teaching techniques are student-centered, with the instructor as the facilitator, and the pedagogical goal is to solidify students' base as independent users of the language with a solid understanding of German and English translation, cognizant of the fact that translation is a serious skill and more than a just an ability that results as a byproduct of language acquisition.

GER-G 346 Introduction to Practical Translation Techniques II (3 cr.) P: GER-G 250. German 346 is the second part of a two-course sequence that perfects the knowledge and skills acquired in the first four semesters while emphasizing the practical application of the language when translating into and out of English. Although the course will strive to achieve a balanced development of speaking, listening, reading, and writing skills, as well as acquire a renewed appreciation for the history and culture of German-speaking nations, there will be a focus on the written aspect of German and its relevance to speakers of English in an academic and professional environment. The first course introduced translation from a theoretical perspective and began developing the basic skills in translating. This course will further develop these skills with emphasis on specialized fields of translation as well as translation into different registers. Meaningful written and oral translation activities within the contextualized study of German-speaking societies, and their geography, literature and current events will form integral parts of the learning process so as to enhance abilities specifically geared toward the work place and advanced studies. The teaching techniques are student-centered, with the instructor as the facilitator, and the pedagogical goal is to solidify students' base as independent users of the language with a solid understanding of German and English translation, cognizant of the fact that translation is a serious skill and more than just an ability that results as a byproduct of language acquisition.

GER-G 362 Introduction to Contemporary Germany (3 cr.) An overview of contemporary German civilization,

with attention to the other German-speaking countries. Political, economic, and social organization. Conducted in German.

GER-G 363 Introduction to German Cultural History (3 cr.) P: GER-G 250. A survey of the cultural history of German-speaking countries, with reference to its social, economic, and political context. Lectures in German; discussions in German or English.

GER-G 403 Medieval German Literature (3 cr.) P: GER-G 305 or GER-G 306. Historical survey of major literary developments from the Middle Ages to romanticism.

GER-G 404 Modern German Literature (3 cr.) P: GER-G 305 or GER-G 306. Historical survey of major literary developments from young Germany to recent writing in German-speaking Europe.

GER-G 415 Perspectives on German Literature (3 cr.) P: GER-G 306 or GER-G 306. Study of one aspect of German literature: formal, historical, political, psychological, etc. Relation to wider concerns in and outside of literature. Topic announced in the Schedule of Classes.

GER-G 416 Studies in German Authors (3 cr.) P: GER-G 305 or GER-G 306. Life and works of a major author or group of authors. Topic announced in the Schedule of Classes.

GER-G 418 German Film and Popular Culture (3 cr.) P: GER-G 305 or GER-G 306. Study of German film and/or other manifestations of German popular culture (television, music, cabaret, trivial literature of the twentieth century).

GER-G 464 German Culture and Society (3 cr.) P: GER-G 363. The interaction of social, intellectual, and artistic forces in German life of the past two centuries, with stress on important developments and figures.

GER-G 495 Individual Readings in Germanic Literature (1-3 cr.)

GER-V 405 CNTMP GER:SPEC TPC GER STUDIES (3 cr.) Topics dealing with language, literature, and culture of any of the German-speaking countries, generally in the more recent historical periods. Conducted in German.

GER-V 415 Individual Readings in German Studies (1-3 cr.)

GNDR-G 701 Grad Topics in Gender Studies (1-4 cr.) Graduate students only. Selected topics with an interdisciplinary focus. Research paper required.

GNST-G 400 General Studies Capstone (3 cr.) P: ENG-W 290 with a grade of C or better. This course is a senior seminar for the Bachelor of General Studies degree. Taught in a hybrid format, it alternates between face to face meetings/interactions and use of the internet. It centers in two vital areas for today's graduate: advanced communication skills and sound preparedness for life and work beyond college. Students will review their primary coursework, explore and analyze employment trends relevant to their field, and write well-researched, cohesive papers about them. A group project will offer timely practice in collaboration and presenting in class.

Frequent peer review and response to peer evaluations of their own work will also be expected.

HIM-M 108 Introduction to Health Information Management (3 cr.)

This course introduces the health information management profession and healthcare delivery systems. Topics include healthcare settings, the patient record, electronic health records (EHRs), data collection standards, legal aspects of health information, coding, and reimbursement. Students gain hands-on experience with a virtual EHR and examine the impact of EHRs on healthcare.

HIM-M 270 Healthcare Financial Management (2 cr.)

P: HIM-M 108, HIM-M 114 with a C or better. Course focuses on the administration of foundational principles of management within a health information department.

Students will gain an understanding of the language of quantitative methods as well as the processes that are required for health information managers to function in a healthcare environment which demand competency to the areas of profit margins, management of financial resources and complex reimbursement processes.

HIM-M 325 Health Information Requirements and Standards I (3 cr.)

P: HIM-M 108 with a C or better. C: HIM-M 326. Course will explore the scientific and social aspects of three common diseases: diabetes mellitus, cardiovascular disease and breast cancer. Students will learn about these diseases through didactic lecture from a medical doctor. Students will observe clinics, doctors, and patients.

HIM-M 326 Laboratory Enrichment For Healthcare Information Requirements/Standards (3 cr.)

P: HIM-M 108 With a C or better. C: HIM-M 325. This course consists of exercises that reinforce the lectures in HIA-M 325. Students explore up-to-date Web resources used to the Healthcare field as well as perform database searches. Students engage in laboratory exercises that consist of evaluating health records for completeness, regulatory compliance and documentation.

HIM-M 327 TitleHealthcare Information Requirements and Standards II (3 cr.)

P: HIM-M 325, HIM-M 326 with a C or better. This course is a continuation of HIM-M 325 and includes the ongoing review of health record documentation, in particular secondary data bases such as cancer registry, long term care and other healthcare settings. Healthcare information resources, both in print and on the World Wide Web are researched and examined extensively.

HIM-M 328 Laboratory Enrichment for Healthcare Information Requirements and Standards II (1 cr.)

P: HIM-M 325, HIM-M 326 with a C or better. This course consists of exercises that reinforce the lectures in HIA-M 327. Students explore Web resources used in the healthcare field and perform extensive database searches.

HIM-M 400 Health Information Research and Analysis Methods (3 cr.)

P: HIM-M 108, AHLT-M 325, HIM-M 326 with a C or better. This course introduces methods of research and data analysis for inquiry in health information management. Students develop skills in planning, conducting, reporting, and assessing research and data

analysis. These skills are then applied to biomedical data to support healthcare-related decision-making.

HIM-M 443 Professional Practicum in Health Information Management I (2 cr.)

P: Approval by HIM Program director.

This course is designed to provide professional practice experience in an approved clinical site under the direction of an HIA faculty member and an onsite clinical instructor. Students also receive didactic and practicum experience in the classroom. Emphasis on clinical science, health information management, business administration and information systems.

HIM-M 444 Professional Practicum in Health Information Management II (2 cr.)

P: Approval by HIM Program director.

This course is designed to provide professional practice experience. Students will complete the project-based practicum under the direction of the assigned site supervisor. The student will provide a deliverable project to the site in a presentation format. The student will conduct all necessary research and apply project management tools and skills in completing the project work.

HIM-M 470 Healthcare Reimbursement System (3 cr.)

P: AHLT-M 390, AHLT-M 391 with a C or better. This course will present data elements that apply to prospective payment systems. It will allow the student to gain the knowledge of correct reimbursement systems and to identify issues, patient types in meeting medical necessity guidelines.

HIM-M 490 RHIA Exam Preparation (3 cr.)

P: Approval by HIM Program director. This course reviews technical and administrative aspects of domain topics required to pass of the Registered Health Information Administrator (RHIA) examination. (Students enrolled in this course are expected to take the RHIA exam concurrently.)

HIM-M 302 Health Law II and Ethics (3 cr.) Detailed study of legal issues in health informatics and information management. HIPAA and other statutory and regulatory requirements are studied. Study and application of ethics within health informatics and HIM.

HIST-A 260 Early American Women's History (3 cr.)

P: HIST-H 105, HIST-H 106 or consent of instructor. An examination of the economic, family and political roles of colonial, slave, immigrant and frontier women in early North American history to 1880.

HIST-A 261 Modern American Women's History (3 cr.)

Surveys the diversity of women's experiences in modern United States history. An examination of women's changing roles in working class and middle class families, the effect of industrialization on women's economic activities and status, and women's involvement in political and social struggles, including those for women's rights, birth control, and civil rights.

HIST-A 301 Colonial North America, 1500-1763 (3 cr.)

P: One 100-level history course or consent of instructor. Native American society before and after conquest, colonization of New World by Spain, France, Dutch, and

English; development of economic, social, cultural, and political societies in New World.

HIST-A 302 Revolutionary America, 1763-1791 (3 cr.)

P: One 100-level history course or consent of instructor. Tensions between British North American colonies and England, political, cultural, and economic world of colonies before American Independence; creation of state and national governments after 1776; struggle for unity after American Independence.

HIST-A 303 United States 1792-1829 (3 cr.) P: One 100-level history course or consent of instructor. Struggle for continental unity following American Independence; westward expansion; United States wars with American Indians and the British; development of American presidency and government systems; cultural, social, economic, and political ramifications and growth during early national era.

HIST-A 304 United States, 1830-1865 (3 cr.) P: One 100-level history course or consent of instructor. Analysis of westward expansion, American Indian relations, slavery, reform movements, the Spanish American War, and the Civil War.

HIST-A 307 American Cultural History (3 cr.) P: HIST-H 105 or HIST-H 106 or consent of instructor. Major themes in American cultural life since the Civil War. Focus on the cultural expressions of immigrants, racial minorities, religious groups, social classes, women, artists, and professional groups in response to changing conditions.

HIST-A 310 Survey of American Indians I (3 cr.) The Native American experience from the pre-Columbian period through the American Civil War. Course will focus on Native American cultural patterns, and the Native American response to French, British, and American Indian policies.

HIST-A 311 Survey of American Indians II (3 cr.) Native American/white relations from Civil War through the 1990s. Focus on Native American attempts to defend their homelands in American West, establishment of Indian reservations in the late nineteenth century, impact of U.S. government policies, urbanization of Native Americans in the twentieth century.

HIST-A 313 Origins of Modern America (3 cr.) P: One 100-level history course or consent of instructor. U.S. political, social, economic, and cultural history from 1865 to 1919. Reconstruction, the Gilded Age, the Progressive Era, World War I.

HIST-A 314 Recent United States History I (3 cr.)

P: One 100-level history course or consent of instructor. 1919-1945: The twenties, the Great Depression and New Deal, World War II.

HIST-A 315 Recent United States History II (3 cr.)

P: One 100-level history course or consent of instructor. 1945-present: Cold War, Vietnam War, problems of contemporary America.

HIST-A 317 American Social History, 1865-Present (3 cr.)

P: One 100-level history course or consent of instructor. Changing living conditions, values, concerns in post-Civil War United States as influenced by rise of the city and seen in experiences of rural-urban migrants, ethnic groups, industrial workers, women, blacks. Focus

on situations faced by ordinary people, and how present tensions have roots in the past.

HIST-A 321 History of American Thought I (3 cr.) Major themes in American intellectual history, including systems of ideas such as Puritanism, natural rights philosophy, transcendentalism, Social Darwinism, and Pragmatism, and particular concepts such as vision of New World, myth of West, and liberal versus conservative interpretations of American experience.

HIST-A 337 American Frontier I (3 cr.) I. The Turner thesis: frontier and American character. America as frontier of Europe and Africa, 1500-1720. The frontier-rural mode of American life, 1720-1860: public domain, population growth, migration. II. The trans-Mississippi West. Frontier in literature and music. Miners, cowboys, Indians, settlers. The Hispanic West. The West becomes metropolitan.

HIST-A 338 American Frontier II (3 cr.) I. The Turner thesis: frontier and American character. America as frontier of Europe and Africa, 1500-1720. The frontier-rural mode of American life, 1720-1860: public domain, population growth, migration. II. The trans-Mississippi West. Frontier in literature and music. Miners, cowboys, Indians, settlers. The Hispanic West. The West becomes metropolitan.

HIST-A 339 History of the South I (3 cr.) P: HIST-H 105 or consent of instructor. Examination of the major themes and issues in the history of the southern United States, from the first European settlement to the Civil War. Motivations for settlement, white-Indian interaction, the rise of slavery, the American Revolution in the South, southern identity, the coming and impact of the Civil War. The course will also introduce students to competing interpretations of the Old South and the methods by which historians construct historical arguments and interpretations.

HIST-A 345 American Diplomatic History I (3 cr.)

P: HIST-H 105 and HIST-H 106 or consent of instructor. American diplomacy from 1775 to 1823; diplomacy of American continental expansion to 1898.

HIST-A 346 American Diplomatic History II (3 cr.)

P: One 100-level history course or consent of instructor. America as a world power. Involvement in world affairs after 1898; diplomacy of World Wars I and II; Cold War and background of contemporary foreign policy issues.

HIST-A 347 American Urban History (3 cr.) P: One 100-level history course or consent of instructor. Evolution of cities and urban life in the United States from the colonial times to the present. Rise of cities, creation of modern urban districts (ghettos, suburbia); city planning; political and economic power structures; ethnic and race relations; law and order.

HIST-A 348 Civil War and Reconstruction (3 cr.) The origins, course, and consequences of the American Civil War.

HIST-A 353 American Economic History I (3 cr.) The historical evolution of a fragmented, essentially agricultural economy in the 17th century to the threshold of industrial domination by the mid-19th century.

HIST-A 355 African-American History I (3 cr.) P: One 100-level history course or consent of instructor. History of blacks in the United States. Slavery, abolitionism, the Civil War; Reconstruction, post-Reconstruction to 1900.

HIST-A 356 African-American History II (3 cr.) P: One 100-level history course or consent of instructor. History of blacks in the United States. 1900 to present; the Great Migration; NAACP, Harlem Renaissance, postwar civil rights movement; affirmative action.

HIST-A 361 Studies in American History for Teachers I (3 cr.)

HIST-A 363 Survey of Indiana History (3 cr.) P: One 100-level history course or consent of instructor. A survey of Indiana history and culture from the original inhabitants to recent times with emphasis on the growth of a distinctive Hoosier culture. Examination of Hoosier culture within the context of small-town America and mid-America, with attention to journalism and education.

HIST-A 381 Civil Rights Era in the U.S. (3 cr.) P: One 100-level history course or consent of instructor. Examination of race and racial protest after 1941. A look at several organizations, key social battles, individual leaders and the struggle to end racial segregation and exclusion in education, politics, public accommodations, the workplace and housing.

HIST-B 300 ISS IN WESTERN EUROPEAN HIST (3 cr.) Study and analysis of selected historical issues and problems across more than one period of western European history. Topics vary but usually cut across fields, and religions and periods.

HIST-B 309 Britain before 1688 (3 cr.) Development of Britain and its institutions from the Bronze Age to the Glorious Revolution, with emphasis on Celtic Britain, the Norman Conquest, the rise of Parliament, the Tudor era, and the turbulent seventeenth century.

HIST-B 312 History of the European City in the Modern Era (3 cr.) This course examines the history of European cities in the Modern Era, with a focus on competition between social classes and the impact of economic change on cities. We begin by examining the transition from the early Modern to the Modern city, examining the changes that created revolutionary Paris. The impact of the industrial revolution on European cities is also discussed. Cities are examined as sites of social conflict - whether in the form of contestation from below, in the form of revolution, or efforts to control the population from above - through urban planning, reform, and policing. Different efforts to re-imagine cities as places devoid of social conflict are compared. We dwell in particular on the Modernist model which became particularly widespread after the Second World War, in connection with the postwar economic boom. The Cold War also left its mark on the European urban landscape: urban planning problems and strategies in various Eastern Bloc states are considered, as is the divided city of Berlin. Finally, we end on a contemporary case of social conflict in the European city: the place of migrant workers and immigrants in their host societies.

HIST-B 351 Western Europe in The Early Middle Ages (3 cr.) Evolution of European civilization from the fall of Rome, development of Christianity and Germanic

invasions through Charlemagne's Empire and the subsequent development of feudalism, manorialism, papacy, and Romanesque architecture.

HIST-B 356 French Revolution and Napoleon (3 cr.) Crisis of Old Regime; middle class and popular revolt; from constitutional monarchy to Jacobin commonwealth; the Reign of Terror and revolutionary government; expansion of revolution in Europe; rise and fall of Napoleonic empire.

HIST-B 359 Europe, 1789-1848 (3 cr.) European history between 1789 and 1848, including the French Revolution; Napoleon; the Industrial Revolution; conservatism, liberalism, socialism and nationalism; and the 1848 revolution.

HIST-B 360 Europe, 1848-1914 (3 cr.) European history between 1848 and 1914, including the unification of Italy and Germany; struggles for democracy and social welfare, populism, and imperialism; anticlericalism; the emergence of mass consumption; nationalist rivalries; and the background to World War I.

HIST-B 361 Europe in the Twentieth Century, 1914-1945 (3 cr.) European history from 1914 up to 1945 including World War I and its aftermath; the cultural history of the 1920s and 1930s; economic turmoil; political developments in Western Europe; the rise of extremism; World War II.

HIST-B 362 Europe in the Twentieth Century, since 1945 (3 cr.) European history from 1945 to present, including the aftermath of World War II; the Cold War in Europe, the postwar economic boom; the emergence of leftist movements; European integration; the end of the Cold War; the impact of immigration and the expansion of the European Union.

HIST-B 377 History of Germany Since 1648 I (3 cr.) Political, economic, and cultural states of Germany between 1648 and 1871; growth of the absolutist Hapsburg and Hohenzollern dynasties; economic and cultural development under absolutism; impact of the French Revolution; struggles between reaction and liberalism; and unification.

HIST-B 378 History of Germany Since 1648 II (3 cr.) The beginnings of the new imperial German state, industrialization; imperialism; international friction; internal political conflicts; World War I; the Weimar Republic; the Third Reich; the two Germanies in the Cold War; reunification and its aftermath.

HIST-D 308 Empire of the Tsars (3 cr.) Political, religious, intellectual, economic, and diplomatic development of Russia as a European and Asian state from the reign of Alexander I to World War I. Emphasis on cultural history and conflict between established and revolutionary views.

HIST-D 310 Russian Revolutions and the Soviet Regime (3 cr.) Russia on the eve of World War I; revolutions that have swept Russia; principal developments in government, economy, cultural and social life, and international policy under the Communist regime; expansion and contraction of Russian and Communist power; collapse of the Soviet Union.

HIST-D 330 Eastern Europe 1944-present (3 cr.)

Diplomatic, political, social, and cultural development of Eastern European societies between the end of World War II in Europe to the expansion of the European Union.

HIST-D 410 Russian Revolutions and Soviet Regime (3 cr.)**HIST-E 100 Introduction to African History (3 cr.)**

Survey of selected historical issues and problems. Topics will vary from semester to semester, but will be broad subjects that cut across fields, regions, and periods.

HIST-F 100 Issues in Latin American History:

Introduction (3 cr.) The coming together of the three races in the New World; the construction of a social, political, and economic order; the resilience and/or fragility of the social, political, and economic order in modern times.

HIST-F 216 History of Slaves in the Americas (3 cr.)

Slavery in the New World is explored by comparing its forms in North America and in the Caribbean and South America. Special attention is paid to the mechanisms by which slaves were held in slavery, and the adaptation and accommodations that were made by both masters and slaves.

HIST-F 232 Upheaval in 20th-Century Latin America

(3 cr.) An examination of major breaks in the continuities of Latin American history, revolutions both on the right and on the left, as well as the great popular uprising in Mexico with which such folk heroes as Pancho Villa and Emiliano Zapata are associated.

HIST-F 341 Latin America: Conquest and Empire

(3 cr.) The construction of this new world; Spanish, Indian, and African backgrounds; discovery, conquest, and settlement; the political, economic, and social structure of colonial Latin America.

HIST-F 342 Latin America: Evolution and Revolution

(3 cr.) The construction of nation-state foreign relations; ethnic and racial diversities, city-country balances; role of religion; sources of political authority; immigrant populations; role of elites; popular movements.

HIST-G 100 Introduction to Asian History (3 cr.)

Study and analysis of selected historical issues and problems in Asian societies; especially important are their political institutions, economic development, ideological and religious foundations, and social changes.

HIST-G 200 Issues in Asian History (3 cr.) Study and analysis of selected historical issues and problems of importance in Asian societies, such as China and Japan. Topics will vary from semester to semester.

HIST-G 300 Issues in Asian History (3 cr.) Study and analysis of selected historical issues and problems of limited scope. Topics will vary but usually cut across fields, regions, and period.

HIST-G 385 Modern China (3 cr.) Study and analysis of selected historical issues and problems of limited scope. Topics will vary but usually cut across fields, regions, and period.

HIST-G 387 Contemporary China (3 cr.) Focusing on the People's Republic of China, this course will illustrate the triumphs and failures of the communist regime, investigate

the causes, and explain the direction that China is taking. The course will also cover Chinese society in Hong Kong and Taiwan.

HIST-G 451 The Far East 1 (3 cr.) Social, cultural, political, and economic development from ancient to modern times, including China, Japan, Korea, Indo-China, Burma, Thailand, Indonesia, and the Philippines.

HIST-G 452 The Far East 2 (3 cr.)**HIST-G 457 Nationalism in Japan and China (3 cr.)**

P: One Asian history course at the 100 level or consent of instructor. This course traces the emergence of nationalism in China and Japan in the context of their struggle for modernization, follows their development from the late nineteenth century through the twentieth century, and analyzes its contemporary political culture.

HIST-G 587 Contemporary China (3 cr.)

Survey of contemporary Chinese history focusing on social, cultural and political life in the People's Republic of China. Events covered include the Mao Era, the Cultural Revolution and the Tiananmen Square protests of 1989, as well as the Reform Era since Mao's death.

HIST-H 101 The World in the Twentieth Century (3 cr.)

Principal world developments in the twentieth century, stressing Latin America, Africa, Asia, and Europe; global and regional problems; political revolutions; social and cultural diversity.

HIST-H 103 Europe: Renaissance to Napoleon

(3 cr.) Major developments in European thought during Renaissance, Reformation, the scientific revolution, and Enlightenment; traditional politics, economy, and society and their transformation by enlightened despotism, the French Revolution, and Napoleon.

HIST-H 104 Europe: Napoleon to the Present (3 cr.)

The development of European society from the downfall of Napoleon in 1815 to the present; the impact of the industrial revolution; the rise of the middle class; liberalism, Marxism, and mass politics; nationalism and imperialism; international communism and fascism.

HIST-H 105 American History: General Course I (3 cr.)

P: One 100-level history course or consent of instructor. Evolution of American society: political, economic social structure; racial and ethnic groups, sex roles; Indian, inter-American, and world diplomacy of United States; the evolution of ideology, war, territorial expansion, industrialization, urbanization, international events and their impact on American history. I. English colonization through the Civil War. II. 1865 to present.

HIST-H 106 American History: General Course II (3 cr.)

Evolution of American society: political, economic social structure; racial and ethnic groups, sex roles; Indian, inter-American, and world diplomacy of United States; the evolution of ideology, war, territorial expansion, industrialization, urbanization, international events and their impact on American history. I. English colonization through the Civil War. II. 1865 to present.

HIST-H 113 History of Western Civilization 1 (3 cr.)

Ancient civilization, Germanic Europe, feudalism, medieval church, national monarchies, Renaissance.

HIST-H 114 History of Western Civilization 2 (3 cr.)

Rise and fall of ancient civilizations; barbarian invasions;

rise, flowering, and disruption of medieval Church; feudalism; national monarchies, Industrial Revolution, capitalism and socialist movements; nationalism, imperialism, international rivalries, wars.

HIST-H 199 Careers for History Majors (1 cr.) The major objective of the course is to offer students the opportunity to consider career opportunities with an undergraduate degree in history. Some of the topics to be considered in the course include the nature and acquisition of skills with a history major; the resources within the history department, offices across campus, and in the community available to students to gain skills and learn about job prospects; and the value of and procedures for developing a career plan and attaining a job.

HIST-H 201 Russian Civilization I (3 cr.) From the earliest times to Peter the Great. Christianization of the Russian people, Kievan Rus; the Mongol conquest; the Grand Dukes of Muscovy; Ivan the Terrible; Time of Troubles; Romanov dynasty.

HIST-H 202 Russian Civilization II (3 cr.) From Peter the Great to the present era. Peter the Great, Catherine the Great, Russian expansion; emancipation of the serfs; Westernization; industrialization; Russian revolutions; Stalin; Cold War; collapse of the Soviet Union.

HIST-H 205 Ancient Civilization (3 cr.) Political, cultural, and economic development of ancient Near East, Greece, and Rome from the Bronze Age to the end of the Classical Period.

HIST-H 206 Medieval Civilization (3 cr.) European institutions and social and intellectual history from late Roman Empire to the Renaissance. Greco-Roman legacy, Christian institutions, Byzantine and Islamic influences, town revival and trade, rise of universities, emergence of national states and literatures.

HIST-H 207 Modern East Asian Civilization (3 cr.) Focus on China, Japan, and Korea in the twentieth century. Explores the history of each individual country and the experiences shared by all three. Traditional values challenged by modernism, interactions with the West, domestic strife.

HIST-H 208 American-East Asian Relations (3 cr.) Describes and analyzes the mutual interaction of the American countries and the major countries of East Asia - China, Japan, Korea, and Vietnam - during the 19th and 20th centuries. Emphasis on cultural interrelations and changing images.

HIST-H 214 Comparative Women's History (3 cr.) An examination and comparison of the history of women in different regions of the world, addressing universal issues and issues specific to regions. The course traces the social, economic, and political roles of women from the premodern past to the transformations of the twentieth century. Topics include work, home, education, sexual patterns, and gender relations.

HIST-H 218 History of Motion Pictures (3 cr.) History of English-language films from the silent era to the modern period. Attention is paid to directors and producers, actors and dialogue, and to the evolution of film technology.

HIST-H 220 American Military History (3 cr.) P: HIST-H 105, HIST-H 106. From the settlement of colonies to

present. European background, colonial militia, Indian fighting. Principal foreign wars and their strategies. Technological changes and the effect of the military on American society. The army is emphasized, with some attention to the navy, marines, and air force.

HIST-H 222 Renaissance and Reformation Europe (3 cr.) Society and civilization in the fifteenth and sixteenth centuries. Transition from medieval to modern life in political and economic behavior, high and popular culture, theology and religion, discoveries and expansion, occult and scientific worldviews.

HIST-H 225 Special Topics in History (1-3 cr.) P: Permission of instructor. Study and analysis of selected historical issues and problems of general import. Topics will vary from semester to semester, but will usually be broad subjects that cut across fields, regions, and periods.

HIST-H 226 Origins and History of the Cold War (3 cr.) Study and analysis of the ideological, historical, and geopolitical factors underlying the Cold War. Special focus on the former Soviet Union and Red China under Mao Zedong, as well as the breakup of the Soviet Union and the lingering effects of the Cold War on the contemporary world.

HIST-H 228 The Vietnam War (3 cr.) Vietnamese history and culture, French colonization, nationalism, WWII. War with France 1946-1954, U.S. involvement, Geneva Accords, U.S. support to Diem government. Increased U.S. commitment, Cold War dynamics, American political responses, U.S. withdrawal, fall of the South. International repercussions, war veterans, media portrayal.

HIST-H 231 Women, Men and Family in History (3 cr.) The course will examine changes in relationships within the family and the changing role of the family in society. Changes in gender roles will be highlighted. Among the topics to be discussed are courtship, marriage, inheritance, child-bearing, child labor, the origins of family limitation and birth control, and the effects of other institutions on the family. This course can be authorized for a variable course title so that different regions of the world can be specified, such as: "Women, Men and Family History: Latin America," or "Women, Men and Family in History: Asia."

HIST-H 233 Sports in History (3 cr.) Examines the historical conditions in which sports have developed from ancient to contemporary times, with particular emphasis on modern American society and sport.

HIST-H 236 The Historian's Craft (3 cr.) P: Permission of instructor. To be taken within a year of student's declaring a history major. Introduction to the skills and methodology of analysis, research, writing, and oral communication within the discipline of history.

HIST-H 309 Tudor England (3 cr.) Political, social, economic, and cultural development in England, 1485-1601.

HIST-H 373 History of Science and Technology (3 cr.) Survey of the intellectual and institutional development of science and technology in the United States from colonial times to 1865, with special emphasis on the relationship between science and technology, the role of technology in

early American economic growth, and the inevitability and desirability of technological change.

HIST-H 407 Oral History (3 cr.) A survey of theory, methods, and applications of oral history, including research, interview preparation and execution, legal and ethical issues, and transcription and preservation of interviews. Emphasis will be placed on persons and topics relevant to local and regional history.

HIST-H 408 Independent Study in Community History (1-3 cr.) P: One 100-level history course or consent of instructor. Students have the opportunity to develop and execute original research projects involving topics in community history, with particular emphasis on the regional campus service area. Projects must reflect sound conceptual and contextual grounding, including awareness of appropriate secondary literature, and incorporate primary research in local and regional archival repositories. Appropriate incorporation of oral history is encouraged. Both individual and group projects are permissible.

HIST-H 411 Historical Editing (3 cr.) P: 6 credit hours in history or consent of instructor. Study and analysis of historical writing; editing documents and visual material; process of publishing historical works.

HIST-H 412 Historic Preservation (3 cr.) History of building and decorating techniques; study of politics and economics of historic preservation; processes of renovating or restoring historic buildings; techniques of adaptive reuse of historic buildings.

HIST-H 425 Topics in History (1-3 cr.) P: Permission of instructor. Intensive study and analysis of selected historical issues and problems of limited scope. Topics will vary but will usually cut across fields, regions, and periods.

HIST-H 501 Historical Methodology (4 cr.) Discussion and application of the various methods and strategies used in historical research.

HIST-H 511 Special Topics in U.S. History (3 cr.) Intensive study and analysis of selected topics in United States history. Topics will vary from semester to semester.

HIST-H 521 Special Topics in African, Asian, or Latin American History (3 cr.) Intensive study and analysis of selected topics in African, Asian, or Latin American history. Topics will vary from semester to semester, e.g. traditional Asia, modern Asia, Latin American intellectual history.

HIST-J 495 Proseminar for History Majors (3 cr.) P: Permission of instructor. Selected topics of history.

HIST-K 495 Readings in History (1-3 cr.) P: Permission of instructor. Selected topics.

HIST-T 540 The Long Nineteenth Century, 1800-1917 (3 cr.) This course tracks U.S. history between the early nineteenth century and American participation in the First World War. Students will articulate their understanding of scholarly books, articles, and original records and will review two books, write short response papers, and craft a historiographical essay on a topic of their choosing.

HIST-W 101 World Civilizations to 1500 (3 cr.) Presents the key individuals, events and schools of thought, which have most greatly impacted societal development and

world history up to 1500. The target civilizations of study include Asia, the Middle East, Western Europe, Africa, and the Americas. Discusses the political, economic, social and cultural evolution of human civilization.

HIST-W 102 World Civilizations 1500 To Present (3 cr.) Presents the key individuals, events and schools of thought, which have most greatly impacted societal development and world history from 1500 to the present. The target civilizations of study include Asia, the Middle East, Western Europe, Africa, and the Americas. Discusses the political, economic, social and cultural evolution of human civilization.

HIST-W 300 Issues in World History (3 cr.) In-depth study and analysis of selected historical issues and problems of importance in world history. Topics will vary from semester to semester.

HON-H 103 Honors Seminar: Common Intellectual Experience I (3 cr.) P: Admission to the Honors Program. A skills course emphasizing writing, reading, speaking, thinking skills, collaborative learning, diversity, research, and the use of technology in an academic setting. Readings and discussion of texts-in-common selected by Honors faculty and studied in preparation for possible project presentation at the Mid-East Honors Conference in the spring. Ordinarily taken during the first semester of study at IU Southeast. Part one of the required two-semester seminar sequence for Tier One students.

HON-H 104 Honors Seminar: Common Intellectual Experience II (3 cr.) P: Admission to the Honors Program. Continuation of HON-H 103. Builds on skills attained in the first semester with continued reading and discussion of texts-in-common. Students will begin to envision, research, and refine projects for possible presentation at the Mid-East Honors Conference in the spring. Ordinarily taken during the second semester of study at IU Southeast. Part two of the required two-semester seminar sequence for Tier One students.

HON-H 306 Multidisciplinary Seminar in the Humanities and Social Sciences (3-6 cr.) P: Admission to the Honors Program or permission of the Honors Program Director. Topic varies with the instructor and semester. Possible topics include Art as Literature; Death and Dying; Utopias through History.

HON-H 307 Multidisciplinary Seminar (3-6 cr.) P: Admission to the Honors Program or permission of the Honors Program Director. Topic varies with the instructor and semester. Topics will include those outside the humanities and social sciences.

HON-H 400 Honors Research Minor Seminar (1-3 cr.) Required seminar for Tier Two students undertaking the research minor. Honors seminars will encompass discussion of each student's research along with larger issues such as research strategies, publication, and ethics.

HON-H 495 Honors Project (1-3 cr.) Designed to meet the needs of Honors students who have chosen to pursue individualized honors, this course permits students flexibility and the opportunity to work with a faculty mentor.

HPER-A 361 Coaching of Football (1.5 cr.) Fundamentals of the offensive and defensive line and

backfield play; technique of forward passing; outstanding rules; offensive plays; most frequently used defenses.

HPER-A 362 Coaching of Basketball (1.5 cr.)

Fundamentals of basketball shooting, passing, ball handling, and footwork; patterns against man to man, zone, and zone pressure defense. Includes principles, theories, techniques, and problems of basketball coaching and coaching psychology.

HPER-A 368 Coaching of Tennis (1.5 cr.) Theory and methods of coaching tennis, covering technical, administrative, and organizational aspects involved in the process. Emphasis placed upon principles, fundamentals, tactics, conditioning, psychology, conduct of practice sessions, and problems.

HPER-C 366 Community Health (3 cr.) Human ecology as it relates to interaction of social and physical phenomena in solving community health problems. Considers the promotion of community health, programs of prevention, environmental health, and health services.

HPER-E 181 Tennis (1 cr.) Beginning instruction in the fundamental skills of forehand and backhand strokes and serves. Competitive play in women's, men's, and mixed doubles.

HPER-E 185 Volleyball (1 cr.) Instruction in fundamental skills of power volleyball, including the overhand serve, bump, set, dig, and spike. Team offensive and defensive strategies.

HPER-F 255 Human Sexuality (3 cr.)

HPER-H 160 First Aid and Emergency Care (2-3 cr.) Course addresses cardiopulmonary resuscitation (CPR), rescue breathing, choking, wounds, bleeding, burns, sudden illnesses, musculoskeletal injuries, and defibrillation/ the use of Automated External Defibrillators (AEDs). Skills are practiced in small lab settings. Students may obtain American Red Cross certifications, including CPR/AED for the Professional Rescuer.

HPER-H 305 Women's Health (3 cr.) This course is designed to provide students with an opportunity to examine the relationship of women to health and health care. Five dimensions of health: physical, mental, emotional, social, and spiritual provide a framework for comparison and contrast of health concerns unique to women and common to both sexes at all ages.

HPER-H 317 Topical Seminar in Health Education (1-3 cr.) The topical seminars will relate to current issues in the field of health education.

HPER-H 363 Personal Health (3 cr.) This survey course provides a theoretical and practical treatment of the concepts of disease prevention and health promotion. Course content includes topics such as emotional health; aging and death; alcohol, tobacco, and drug abuse; physical fitness; nutrition and dieting; consumer health; chronic and communicable diseases; safety; and environmental health.

HPER-H 518 Alcohol and Drug Education (1-3 cr.) Alcohol and drug abuse in American society are probed in a comprehensive yet practical manner. Physiological, psychological, sociological, theological, and legal dimensions of the issue are explored through lectures, group discussions, guest speakers, and audio-visual

presentations. Principles of teaching and counseling in drug education programs are discussed.

HPER-P 212 Introduction to Exercise Science (3 cr.)

A study of the scientific principles related to physical fitness and the practice applications of principles to directing fitness programming in school, recreation, and corporate settings. Students will be involved in setting up, participating in, and evaluating personal fitness activities.

HPER-P 215 Principal and Practice of Exercise Science (3 cr.) A study of the scientific principles related to physical fitness and the practice applications of principles to directing fitness programming in school, recreation, and corporate settings. Students will be involved in setting up, participating in, and evaluating personal fitness activities.

HPER-P 221 Intro to Sport Management (3 cr.) An examination of the broad spectrum of career opportunities available in the sport management profession. Special emphasis on career planning, sport management terminology, and an overview of specific skills and courses required for professional preparation in sport management.

HPER-P 280 Basic Prevention & Care Athletic Injury (2 cr.) Course will focus on basic principles of prevention recognition and management of sport-related injuries.

HPER-P 333 Sport in America: History Perspectives (3 cr.) Study of the evolution of sport in the United States within the larger context of historical developments in society; women's sport experiences in relation to the development of sport; examination of sport as a reflection of American culture from the founding of the colonies to the present.

HPER-P 415 Sport Promotions & Public Relations (3 cr.) An introduction to the theories and techniques of sport promotions, public relations, and fund-raising.

HPER-R 160 Foundations of Recreation and Leisure (3 cr.) An introduction to the field of recreation and leisure from the viewpoint of the individual as a consumer and of societal agencies as providers of leisure services. Includes philosophy, history, theory, and survey of public and private leisure-service organizations.

HPER-R 180 Participant[amt Leadership Development (3 cr.) An interactive online course blended with four one-hour structured classroom meetings. Provides students with opportunities to learn and apply leadership skills gained through participation in organizations, athletic teams, or clubs. Will develop own personal leadership plan to initiate intentional leadership involvement. Topics include followership, time management, and teamwork.

HPER-R 271 Dynamics of Outdoor Recreation (3 cr.) Philosophical orientation to the field of outdoor recreation; camping, outdoor education, and natural resource management; with emphasis on programs, trends, resources, and values.

HPER-R 272 Recreation Activities and Leadership Methods (3 cr.) P: HPER-R 160. Analysis of recreation program activities, objectives, determinants, and group dynamics involved in the leadership process. Identification and evaluation of equipment, supplies, and leadership techniques are included.

HPER-R 317 Seminar in Recreation and Parks (1-3 cr.)
Park and recreation current issues seminar. Topic varies with the instructor and year.

HPER-R 324 Recreational Sports Programming (3 cr.)
Overview of programmatic elements and techniques in recreational sports. Topics include informal, intramural, club, and extramural programming; values of recreational sports, programming techniques, publicity and promotion; faculty utilization, equipment, safety, liability, and program observation.

HPER-R 398 Practicum in Recreation, Park and Tourism Studies (1-6 cr.) Practical field experience under faculty supervision and with seminar discussions.

HPER-R 399 Readings in Recreation, Park, and Tourism Studies (1-3 cr.) P: Consent of Instructor/Department Coordinator
Selected readings in Recreation, Parks, and Tourism studies. Only S/F grades given.

HUMA-U 101 Introduction to the Humanities (3 cr.)
A survey of the development of the humanities to the Renaissance, with an emphasis on the relationship between ideas and the arts.

HUMA-U 102 Introduction to Modern Humanities (3 cr.)
A survey of the development of the humanities from the Renaissance to the present, with an emphasis on the relationship of ideas and the arts.

HUMA-U 333 Greeks in Ancient Italy (3 cr.) P: HUMA-U 101 or PHIL-P 100 or PHIL-P 410
This course will involve a firsthand exploration of these traces of the Ancient Greeks in Italy. In particular, this course will offer students an opportunity to witness in person the dynamic relationship between ideas, politics, religion, and the arts that the Greeks provoked in Magna Grecia.

IDIS-D 500 Graduate Project (3-6 cr.) Independent project to be undertaken in consultation with graduate advisor. This project requires students to demonstrate mastery of some specific topic or medium of expression.

IDIS-D 501 Humanities Seminar (1-4 cr.) An interdisciplinary graduate seminar in the humanities. Topics vary from semester to semester.

IDIS-D 502 Social Science Seminar (1-4 cr.) An interdisciplinary graduate seminar in the social sciences. Topics vary from semester to semester.

IDIS-D 503 Natural Science Seminar (1-4 cr.) An interdisciplinary graduate seminar in the natural sciences. Topics vary from semester to semester.

IDIS-D 510 Introduction to Graduate Liberal Studies (3-4 cr.) A comprehensive introduction to graduate liberal studies. Explores the cultures of the humanities, social sciences, and sciences. Investigates interdisciplinary methodologies. Offers strategies for graduate-level reading, research, and writing for other publics.

IDIS-D 511 MLS Humanities Elective (1-4 cr.) Topics vary.

IDIS-D 512 MLS Social Sciences Elective (1-4 cr.)
Topics vary.

IDIS-D 513 MLS Natural Sciences Elective (1-6 cr.)
Topics vary.

IDIS-D 550 Teaching Assistantship (3 cr.) This graduate course will take the form of a teaching assistantship. This course is a requirement for the academic teaching track. It will consist of assisting a faculty member in planning, teaching, grading, and assessing a course in the area of the student's concentration.

IDIS-D 551 Research Assistantship (1-6 cr.) P: LBST-D/IDIS-D 510 and prior consent of director and instructor. This is a research assistantship to assist faculty in his/her area of research.

IDIS-D 591 Graduate Seminar in Teaching and Learning (1-3 cr.) This workshop will focus on SoTL and best practices literature about pedagogy in higher education. This will include: philosophy of teaching and learning, course planning and design, selecting textbooks and readings, syllabus construction and course policies, the literature on lecturing and discussion, faculty and student conduct, assessment of student learning.

IDIS-D 594 Liberal Studies Directed Readings (1-3 cr.)
Independent study

IDIS-D 599 Internship (0-6 cr.) An internship is an educational experience related to a student's degree program and career plan which applies what the student has learned to work situations. It involves a student, employer, and university sponsor. See Career Services for more information and to register.

IDIS-D 601 Graduate Project Proposal Seminar (3 cr.)
Independent study sponsored and supervised by faculty member/committee chair for research/creativity track in which students choose a topic, create a bibliography, write a formal proposal, and defend it before a faculty committee.

IDIS-D 602 Graduate Project (1-6 cr.) Independent project work conducted in consultation with a faculty director.

IDIS-D 700 TOPICS IN LIBERAL STUDIES (3 cr.)
Intensive study of a major issue in the Humanities, Social Sciences, or Sciences. Interdisciplinary approach, seminar format. Individual project required. Specific topic announced in Schedule of Classes.

INFO-C 100 Informatics Foundations (3 cr.) Introduction to informatics, basic problems solving and elementary programming skills. It also provides a survey of computing tools in the context of selected disciplines (cognates).

INFO-C 112 Tools For Informatics: Programming and Databases (3 cr.) This course is an introduction to programming and databases, two basic means of creating, changing, and storing information on a computer. Computational thinking, basic programming, and basic debugging methods will be covered in a high-level language. Data modeling, schemas, SQL queries, and data-entry forms will also be emphasized.

INFO-C 201 Mathematical Foundations of Informatics (3 cr.) An introduction to methods of analytical, abstract, and critical thinking; deductive reasoning; and logical and mathematical tools used in information sciences. The topics include propositional and predicate logic, natural deduction proof system, sets, functions and relations,

elementary statistics, proof methods in mathematics, and mathematical induction.

INFO-C 203 Social Informatics (3 cr.) Introduction to key ethical, privacy and legal issues as related to informatics, and social research perspectives and literatures on the use of information and communication technologies. Topics include: intellectual property, legal issues, societal laws, ethical use of information, information privacy laws, personal code of ethics, principles for resolving ethical conflicts, and popular and controversial uses of technology. This course also outlines research methodologies for social informatics.

INFO-C 210 Problem Solving and Programming I (3 cr.) First in a two-course sequence of intensive computer programming. In this course, students will design, develop, test, and debug software solutions using a given programming language.

INFO-C 211 Problem Solving and Programming 2 (3 cr.) Second course in the two-course sequence of intensive computer programming. In this course, students will learn and apply object oriented computer programming concepts and techniques. The course will also provide a brief introduction to data structures and files.

INFO-C 300 human Copmputer Interaction (3 cr.) This course introduces core topics and approaches in human-computer interaction including the process of designing and evaluating interactive technologies. Topics include interaction design, evaluation, usability, user psychology, prototyping, requirements and analysis, and related issues. Students working in teams identify stakeholders, build user-centered interfaces, and apply statistics to analyze user data.

INFO-C 307 Data Representation and Organization (3 cr.) This course will provide an introduction to ways in which data can be organized, represented and processed from low-level to high level. Topics include construction of memory based structures and algorithms using arrays (single, multidimensional), lists (single, double, circular), stacks, queues, binary trees, and hash tables, and basic file manipulation.

INFO-C 399 Database Systems (3 cr.) This course will provide an in-depth discussion of database systems fundamentals. The course emphasizes the concepts underlying various functionalities provided by a database management system, and its usage from an end-user perspective. Topics include: overview and architecture of database systems, the relational database modeling and querying, and basic XML database modeling and querying.

INFO-C 413 Web Design and Development (3 cr.) This course introduces Website design and development, topics include client-side technologies such as Hypertext Markup Language (HTML, XML), the document object model (DOM), Cascading Style Sheet (CSS), JavaScript and jQuery, AJAX, front-end framework, and server-side technologies.

INFO-C 450 System Design (3 cr.) This course introduces the concepts of large scale system design and development. Topics include: the software development life cycle, specification, analysis, design, modeling, use cases, user interface design, planning, estimating,

reusability, portability, working in teams, introductory project management and CASE tools. Student teams will present their final project design.

INFO-C 451 System Implementation (3 cr.) This course introduces the concepts of large scale system implementation. Topics include: implementation of data models, user interfaces, and software systems, working in teams, software testing, planning, estimating, and post-delivery maintenance. The students will work in teams and will utilize project management tools and revision control and source code management systems. Student teams will present their final project design.

INFO-C 452 Project Management (3 cr.) This course provides an in-depth discussion of project management in an Informatics setting. Students will become conversant in the tools and techniques of project management, such as project selection methods, work breakdown structures, network diagrams, critical path analysis, critical chain scheduling, cost estimates, earned value management, motivation theory and team building.

INFO-I 101 Introduction to Informatics (4 cr.) Emphasis on topics in human-computer interaction and human factors, collaborative technologies, group problem solving, ethics, privacy, and ownership of information and information sources, information representation and the information life cycle, the transformation of data to information, futuristic thinking.

INFO-I 110 Basic Tools of Informatics I - Programming (1.5 cr.) C: INFO-I 101. Introduction to programming for users of computers systems. Emphasis on problem-solving techniques. An eight-week lecture and laboratory course.

INFO-I 111 Basic Tools of Informatics II - Introduction to Databases (1.5 cr.) C: INFO-I 101 and INFO-I 110. Introduction to database design concepts. Entering and modifying data, accessing data using visual tools and SQL, and building database applications using forms and application development tools. Emphasis on problem-solving techniques. An eight-week lecture and laboratory course.

INFO-I 201 Mathematical Foundations of Informatics (4 cr.) P: INFO-I 210 or CSCI-C 201 and MATH-M 118 or higher with C or better. An introduction to methods of analytical, abstract and critical thinking, deductive reasoning; and logical and mathematical tools used in information sciences. Topics include propositional and predicate logic, natural deduction proof system, sets, functions and relations, proof methods in mathematics, mathematical induction, and graph theory.

INFO-I 202 Social Informatics (3 cr.) C: INFO-I 101. Introduction to key social research perspectives and literatures on the use of information and communication technologies. Discusses current topics such as information ethics, relevant frameworks, popular and controversial uses of technology (e.g., peer-to-peer file sharing), digital divides, etc. Outlines research methodologies for social informatics.

INFO-I 210 Information Infrastructure I (4 cr.) P: INFO-I 101, INFO-I 110, and INFO-I 111, with grades of C or better. Two years of high school mathematics or equivalent is recommended. This course introduces

software architectures of information systems and basic concepts and procedures of system and application development. Course topics include PHP programming syntax; procedural programming fundamentals; principles of developing dynamic, database-driven applications for the World Wide Web; relational database concepts; and basic MySQL statements.

INFO-I 211 Information Infrastructure II (4 cr.)

P: INFO-I 210 or CSCI-C 201 with a C or better. The systems architecture of distributed applications. Advanced programming, including an introduction to the programming of graphical systems.

INFO-I 300 Human-Computer Interaction (3 cr.)

P: INFO-I 211 or CSCI-C 202 with a C or better. The analysis of human factors and the design of computer application interfaces. A survey of current HCI designs with an eye toward what future technologies will allow. The course will emphasize learning HCI based on implementation and testing interfaces.

INFO-I 303 Organizational Informatics (3 cr.) P: INFO-I 101 with a C or better. Examines the various needs, uses, and consequences of information in organizational contexts. Topics include organizational types and characteristics, functional areas and business processes, information-based products and services, the use of and redefining the role of information technology, the changing character of work life and organizational practices, sociotechnical structures, and the rise and transformation of information-based industries.

INFO-I 308 Information Representation (3 cr.) P: INFO-I 201 or CSCI-C 251 and INFO-I 210 or CSCI-C 201 with grades of C or better. The basic structure of information representation in digital information systems. Begins with low-level computer representations such as common character and numeric encodings. Introduces formal design and query languages through Entity Relationship Modeling, the Relational Model, XML, and XHTML. Laboratory topics include SQL and XPath querying.

INFO-I 320 Distributed Systems and Collaborative Computing (3 cr.) P: INFO-I 211 or CSCI-C 202 with a C or better. An introductory treatment of distributed systems and programming. Topics range from the distributed and object models of computation to advanced concepts, such as remote method invocations, object brokers, object services, open systems, and future trends for distributed information systems.

INFO-I 330 Legal and Social Informatics of Security (3 cr.) P: INFO-I 101 with a C or better. This course examines that set of ethical and legal problems most tightly bound to the issues of information control. The interaction and technology changes, but the core issues have remained: privacy, intellectual property, Internet law, concepts of jurisdiction, speech anonymity versus accountability, and ethical decision making in the network environment.

INFO-I 356 Globalization, Where We Fit IN (3 cr.)

Globalization changes how we work, what we buy, and who we know. Globalization involves people working eighty hour weeks in China and receiving free state-of-the-art drugs in Africa. Learn about the past, present, and

future of globalization, and what it means for you, your job, and your community.

INFO-I 368 Intro to Network Science (3 cr.) Friends, computers, the Web, and our brain are examples of networks that pervade our lives. Network science helps us understand complex patterns of connection, interaction, and relationships in many complex systems. Students learn essential concepts and core ideas of network literacy, and basic tools to handle social and information networks.

INFO-I 421 Applications of Data Mining (3 cr.) P: INFO-I 308 with a C or better. The course explores the use of data mining techniques in different settings, including business and scientific domains. The emphasis will be on using techniques instead of developing new techniques or algorithms. Students will select, prepare, visualize, analyze, and present data that leads to the discovery of novel and actionable information.

INFO-I 427 Search Informatics (3 cr.) P: INFO-I 308 with a C or better. Techniques and tools to automatically crawl, parse, index, store and search Web information, organizing knowledge that can help meet the needs of organizations, communities and individual users. Social and business impact of search engine technology. As a project, students will build a real search engine and compare it with Google.

INFO-I 441 Interaction Design Practice (3 cr.) P: INFO-I 300 with a C or better. Human-computer interaction design (HCID) describes the way a person or group accomplishes tasks with a computer: what the individual or group does and how the computer responds, and what the computer does and how the individual or group responds. This course is organized around a collection of readings and three design projects applying human-computer interaction principles to the design, selection, and evaluation of interactive systems.

INFO-I 491 Capstone Project Internship (3-6 cr.)

P: Coordinator Approval Required. Students put their informatics education to practice through the development of a substantial project while working in a professional information technology environment.

INFO-I 494 Design and Development of an Information System (3 cr.)

P: Senior standing and department consent required. System design and development present both technical and managerial problems with which students will be familiar from their undergraduate course work. This course puts these lessons into practice as students work in teams to develop an information system. Examples of course projects include design and development of a database for a business or academic application, preparation and presentation of an interactive media performance or exhibit, or design and implementation of a simulated environment (virtual reality).

INFO-I 495 Design and Development of Information System (3 cr.)

P: INFO-I 494, senior standing and department consent required. System design and development present both technical and managerial problems with which students will be familiar from their undergraduate course work. This course puts these lessons into practice as students work in teams to develop an information system. Examples of course projects include design and development of a database for a

business or academic application, preparation and presentation of an interactive media performance or exhibit, or design and implementation of a simulated environment (virtual reality).

INFO-I 499 Readings and Research in Informatics (1-3 cr.) P: Pre-Approval of Informatics Department Coordinator and completion of 100- and 200-level Informatics requirements. Independent readings and research related to a topic of special interest to the student. Written report required.

INFO-Y 395 Career Development for Informatics Majors (1 cr.) P: INFO-I 101, INFO-I 110, and INFO-I 111 with a C or better. Helps students develop skills and knowledge to successfully pursue a career search, both at the time of graduation and as they progress through their careers. The course covers techniques and strategies to make the job search more efficient and effective. An eight-week course.

INTL-I 100 Intro to International Studies (3 cr.) This introductory, interdisciplinary course exposes students to the various academic approaches essential to international studies and to the various concentrations that comprise the major.

INTL-I 400 International Studies Capstone Seminar (3 cr.) P: INTL-I 100 and most of INTL coursework completed, as well as senior standing and permission of instructor or program coordinator. This required seminar is designed for senior majors who have completed all of the International Studies degree requirements to consolidate their studies. Students complete a project that addresses an issue appropriate to their concentration.

JOUR-C 200 Introduction to Mass Communication (3 cr.) Survey of the functions, responsibilities, and influences of the various media of mass communication. Directed toward the consumer and critic of mass media.

JOUR-C 327 Writing for Mass Media - The Horizon (3 cr.) P: JOUR-J 200; may be waived with instructor approval. Work as a staff member on the campus student news organization. Reporting and writing, headline writing, desktop publishing, photography, online journalism, and advertising sales.

JOUR-J 170 Wordsmithing (2 cr.) Workshop on the mechanics of journalistic writing and editing. The course builds on the basics, focuses on the practical and strengthens confidence as a practitioner.

JOUR-J 200 Reporting, Writing, and Editing I (3 cr.) Working seminar stressing the creation of journalistic stories for diverse audiences. Students will learn to develop story ideas, gather information, combine visual and verbal messages, and write and edit news.

JOUR-J 210 Visual Communication (3 cr.) Theories of visual communication including human perception and principles of design. Application of those theories to photography, computer graphics, photo editing, and page design in news communication.

JOUR-J 261 Studies in Journalism (1-4 cr.) Topical course dealing with changing subjects and material. Topics may change from term to term.

JOUR-J 280 Seminar in Journalism Ethics (3 cr.) Examines the ethical dilemmas that confront today's journalists and provides a framework for decision making.

JOUR-J 300 Communications Law (3 cr.) History and philosophy of laws pertaining to the free press and free speech. Censorship, libel, contempt, obscenity, right of privacy, copyright, government regulations, and business law affecting media operations. Stresses responsibilities and freedoms in a democratic communications systems.

JOUR-J 301 Social Media Strategies (3 cr.) Examines theories and current trends in social media's effect on modern society. Topics also include focus on personal and professional communication strategies using social media.

JOUR-J 303 Online Journalism (3 cr.) P: JOUR-J 200; may be waived with instructor approval. Explore nonlinear methods of storytelling and how web-based tools can enhance journalism written and online work. In addition to building existing skills, students use photography and embedded audio to create story packages.

JOUR-J 307 Media Career Planning (1 cr.) Prepare for job or internship searches. Polish your resume or portfolio. Learn how to write cover letters and practice interviewing skills. Understand how to articulate your abilities and experiences to market yourself to potential employers. Prepare a career action plan.

JOUR-J 320 Principles of Creative Advertising (3 cr.) Analysis of strategy employed in developing creative advertising, with emphasis on the role of the copywriter. Research, media, legal aspects, ethical standards as they apply to the copywriting functions. Place of the creative function within the advertising agency and the retail business.

JOUR-J 321 Principles of Public Relations (3 cr.) Survey course about theory and practice of public relations. Examines PR function within organizations, its impact on public, and role in society. Topics include the evolution of the field, the range of roles and responsibilities that practitioners assume, ethics, and significant issues and trends.

JOUR-J 340 Public Relations Tactics and Techniques (3 cr.) P: JOUR-J 321. Covers a wide variety of knowledge and skills needed by entry-level public relations practitioners. Topics include media relations, community relations and internal communications.

JOUR-J 344 Photojournalism Reporting (3 cr.) This is an intermediate photojournalism course focusing on the basics of light, camera operation, and the use of the digital darkroom. It includes instruction in spot news and feature photography as well as instruction in ethics, privacy, and law.

JOUR-J 349 Public Relations Writing (3 cr.) P: JOUR-J 200; may be waived with instructor approval. Develop the professional writing skills expected of beginning public relations practitioners, including different approaches required for a variety of audiences and media. Focus on the basics of good writing as well as the art of writing. Brush up on AP style. Learn how to work effectively with clients.

JOUR-J 354 Photo Journalism Editing (3 cr.) Workshop in the principles of combining visual and verbal material

with emphasis on news judgment, fairness, accuracy, editorial balance, and language usage. Practice in cropping, layout, design, writing headlines and captions, and computer editing technology.

JOUR-J 360 Journalism Specialties (1-4 cr.) Topical course dealing with changing subjects and material from term to term.

JOUR-J 362 Journalism Multimedia Storytelling (3 cr.)
P: JOUR-J 200; may be waived with instructor approval. Hands-on experiences in reporting, editing and presenting stories in images, sound and spoken word. Goes beyond basic skills with advanced cameras and software. Create projects including Podcast, Audio slideshow, web video, and Portfolio website to display projects.

JOUR-J 384 Videojournalism (3 cr.) Students will learn shooting, editing, producing, and distributing high-quality videojournalism.

JOUR-J 385 Television News (3 cr.) P: JOUR-J 200; may be waived with instructor approval. Work as a staff member on the campus student news organization. Preparation and presentation of news for television. Practice in writing, reporting and editing news for TV.

JOUR-J 425 Supervision of School Media (3 cr.)
Lectures and discussion on designing, producing, and financing school newspapers and yearbooks. Practical exercises in journalistic writing, editing, layout, and photography

JOUR-J 429 Public Relations Campaigns (3 cr.)
P: JOUR-J 321; may be waived with instructor approval. How to develop a campaign proposal to meet a client's business objectives and how to pitch it. Part of the course focuses on media relations and crisis communications training.

JOUR-J 485 Senior Seminar in Journalism (3 cr.)
P: Senior standing. Topical seminar dealing with changing subjects and material on relevant issues in journalism and mass communications; research paper usually required.

JOUR-J 499 Honors Research in Journalism (1-4 cr.)
P: Authorization required. To be taken in conjunction with advanced courses to meet requirements for the Journalism Honors Program.

LBST-D 501 Humanities Seminar (3 cr.) Interdisciplinary graduate seminar in the humanities.

LBST-D 502 Social Science Seminar (1 cr.)
Interdisciplinary graduate seminar in the social sciences.

LBST-D 510 Introduction to Graduate Liberal Studies (3-4 cr.) A comprehensive introduction to graduate liberal studies. Explores the cultures of the humanities, social sciences, and sciences. Investigates interdisciplinary methodologies. Offers strategies for graduate-level reading, research, and writing for other publics.

LING-L 103 Introduction to the Study Language (3 cr.)
Linguistics as a body of information: nature and function of language: relevance of linguistics to other disciplines, with reference to modern American English.

LSTU-L 100 Survey of Unions & Collective Bargaining (3 cr.) A survey of labor unions in the United States, focusing on their organization and their representational,

economic and political activities. Includes coverage of historical development, labor law basics, and contemporary issues.

LSTU-L 101 American Labor History (3 cr.) A survey of the origin and development of unions and the labor movement from colonial times to the present. The struggle of working people to achieve a measure of dignity and security will be examined from social, economic and political perspectives.

LSTU-L 104 Introduction to Labor History (3 cr.) What can be learned from labor history? This class explores both central issues as well as historical methodologies looking at primary and secondary sources, considering bias and interpretation. Focusing on a few central questions and events, this class serves as an orientation for the study of labor history.

LSTU-L 110 Introduction to Labor Studies: Labor and Society (3 cr.) This course will introduce students to the interdisciplinary and advocacy approach of labor studies. Exploring labor's role in society, the class will look at how unions have changed the lives of working people and contributed to better social policies. Discussions will highlight the relationship of our work lives to our nonwork lives and will look at U.S. labor relations in a comparative framework.

LSTU-L 200 Survey of Employment Law (3 cr.) Statutes and common law actions protecting income, working conditions, and rights of workers. Topics include workers' compensation, unemployment compensation, fair labor standards, social security, retirement income protection, privacy, and other rights.

LSTU-L 201 Labor Law (3 cr.) A survey of the law governing labor-management relations. Topics include the legal framework of collective bargaining; problems in the administration and enforcement of agreements; protection of individual employee rights.

LSTU-L 203 Labor & the Political Systems (3 cr.)
Federal, state and local governmental effects on workers, unions, and labor-management relations; political goals; influences on union choices of strategies and modes of political participation, past and present; relationships with community and other groups.

LSTU-L 205 Contemporary Labor Problems (3 cr.) An examination of some of the major problems confronting society, workers, and the labor movement. Topics may include automation, unemployment, international trade, and conglomerates; environmental problems, minority and women's rights; community relations; changing government policies.

LSTU-L 210 Workplace Discrimination and Fair Employment (3 cr.) Examines policies and practices that contribute to workplace discrimination and those designed to eliminate it. Explores the effects of job discrimination and occupational segregation. Analyses Title VII, the American with Disabilities Act, and related topics in relation to broader strategies for addressing discrimination.

LSTU-L 220 Grievance Representation (3 cr.) Union representation in the workplace. The use of grievance procedures to address problems and administer the collective bargaining agreement. Identification, research,

presentation, and writing of grievance cases. Analysis of relevant labor law and the logic applied by arbitrators to grievance decisions.

LSTU-L 230 Labor and the Economy (3 cr.) Analysis of the political economy of labor and the role of organized labor within it. Emphasis on the effect on workers, unions, and collective bargaining of unemployment, investment policy, and changes in technology and corporate structure. Patterns of union political and bargaining response.

LSTU-L 231 Globalization and Labor (3 cr.) This course explores the globalization of trade, production, and migration and the effects of these processes on American workers. Through reading, discussion, and problem formation, students will critically think about the ways global processes and policies impact American workers' daily lives and explore alternatives to these policies.

LSTU-L 240 Occupational Health & Safety (3 cr.) Elements and issues of occupational health and safety. Emphasis on the union's role in the implementation of workplace health and safety programs, worker and union rights, hazard recognition techniques and negotiated and statutory remedies - in particular, the OSH Act of 1970.

LSTU-L 250 Collective Bargaining (3 cr.)

LSTU-L 290 Topics in Labor Studies (3 cr.) This is a number under which a variety of topics can be addressed in classroom-based programs on the campuses. Courses may focus on contemporary or special areas of labor studies, such as union education; others are directed toward specific categories of employees and labor organizations.

LSTU-L 314 Ethical Dilemmas in the Workplace (3 cr.) The course explores the fundamental basis for ethical decision making in a workplace, both unionized and nonunionized. We will discuss specific considerations for making moral judgments within the work environment and explore the basis upon which those decisions are made.

LSTU-L 315 The Organization of Work (3 cr.) Examines how work is organized and jobs are evaluated, measured and controlled. Explores social and technical elements of work through theories of scientific management, the human relations school of management, and contemporary labor process literature.

LSTU-L 320 Grievance Arbitration (3 cr.) The legal and practical context of grievance arbitration, its limitations, and advantages in resolving workplace problems. Varieties of arbitration clauses and the status of awards. Participants analyze, research, prepare, and present cases in mock arbitration hearings.

LSTU-L 331 Global Problems: Local Solutions (3 cr.) The course examines local manifestations of global problems confronting society, workers, and labor by analyzing issues, creating solutions/activities to address these issues. Governmental, non-governmental, and charitable organizations that aid with local problems are examined and students design solutions for global situations characterized by flexibility, insecurity, and geographic mobility.

LSTU-L 350 Issues in Collective Bargaining (3 cr.)

LSTU-L 370 Labor and Religion (3 cr.) This course has primarily a historical focus. It looks at the relationship

between religion and the labor movement as it developed in the United States over the course of the 19th and 20th centuries. It attempts to uncover the tradition in which workers of faith have connected their religious values to their more secular concerns for social justice.

LSTU-L 380 Theories of the Labor Movement (3 cr.) Perspectives on the origin, development, and goals of organized labor. Theories include those which view the labor movement as a business union institution; an agent for social reform; a revolutionary force; a psychological reaction to industrialization; a moral force; and an unnecessary intrusion.

LSTU-L 385 Class, Race, Gender & Work (3 cr.) Historical overview of the impact and interplay of class, race, and gender on shaping U.S. labor markets, organizations, and policies. Examines union responses and strategies for addressing class, race, and gender issues.

LSTU-L 390 Topics in Labor Studies (1 cr.) Advanced courses in areas described under L290.

MATH-A 118 Finite Mathematics for the Social and Biological Sciences (3 cr.) P: Placement by exam or MATH-M 101. Quantitative reasoning, probability, elementary combinations, reading and interpreting graphs and tables, measuring central tendency and variation, scatter plots, correlation, and regression. Intended to meet the finite math requirement for students who will be taking MATH-K 300. Course uses applied examples from psychology, sociology, biology, and political science.

MATH-K 300 Statistical Techniques for Health Professionals (3 cr.) P: Placement by exam or MATH-M 101. Recommended: MATH-M 118 or MATH-A 118. An introduction to statistics. Nature of statistical data. Ordering and manipulation of data. Measures of central tendency and dispersion. Elementary probability. Concepts of statistical inference decision; estimation and hypothesis testing. Special topics may include regression and correlation, analysis of variance, and nonparametric methods.

MATH-M 101 Topics in Algebra 4 (2 cr.) Topic: Linear Models and Graphs. Linear equations, inequalities, functions, graphs, systems, problem solving. Prepares students for MATH-M 102; MATH-M 110; MATH-M 112; MATH-M 114; MATH-A 118; MATH-M 118; MATH-T 101. Credit by examination not given.

MATH-M 102 Topics in Algebra 5 (2 cr.) P: Placement by exam or MATH-M 101 with a C or better. Topic: Non-Linear Models and Graphs. Polynomials, factoring, rational expressions, radicals, quadratic equations and functions, problem solving. Prepares students for MATH-M 122; MATH-M 125; and MATH-M 126.

MATH-M 110 Excursions into Mathematics (3 cr.) P: Placement by exam or MATH-M 101 with a C or better. Topics may include: Problem Solving, Logic, Set Theory, Numerations Systems (Historic and Other Bases Systems), Mathematics of Finance, Management Science, Apportionment and Voting Theory. This course does not count toward a major in mathematics.

MATH-M 114 Quantitative Literacy II (3 cr.) P: Placement by exam or MATH-M 101 with a C or better. Introduction to statistics. Quantitative reasoning,

probability, reading and interpreting graphs and tables, exploring shapes of distributions, measures or central tendency and variation.

MATH-M 118 Finite Mathematics (3 cr.) P: Placement by exam or MATH-M 101 with a C or better. Set theory, logic, permutations, combinations, simple probability, conditional probability, Markov chains.

MATH-M 119 Brief Survey of Calculus I (3 cr.)

P: Placement by exam or MATH-M 122 with a C or better. Sets, limits, derivatives, integrals, and applications.

MATH-M 120 Brief Survey of Calculus II (3 cr.)

P: MATH-M 119 with a C or better. A continuation of MATH-M 119 covering topics in elementary differential equations, calculus of functions of several variables, and infinite series. Intended for nonphysical science students. Credit not given for both MATH-M 120 and MATH-M 216. For additional restrictions, refer to MATH-M 215-MATH-M 216.

MATH-M 122 College Algebra (3 cr.) P: Placement by exam or MATH-M 102 with a C or better. Designed to prepare students for MATH-M 119 (Calculus). Includes solving and graphing linear, nonlinear, polynomial, radical, rational, exponential and logarithmic functions. Real life modeling and applications from business and economics. Credit not given for both MATH-M 122 and MATH-M 125.

MATH-M 125 Precalculus Mathematics (3 cr.)

P: Placement by exam or MATH-M 102 with a C or better. Designed to prepare students for MATH-M 215 (Calculus). Algebraic operations, polynomials, functions and their graphs, conic sections, exponential and logarithmic functions. Graphing calculators are not permitted in this course. Credit not given for both MATH-M 122 and MATH-M 125.

MATH-M 126 Trigonometric Functions (3 cr.) C: MATH-M 125 or equivalent. Designed to develop the properties of the trigonometric functions and equation solving to prepare for courses in calculus (MATH-M 215; MATH-M 216).

MATH-M 129 Business Algebra and Application (3 cr.)

P: One of the following: MATH-M 101, M 102, M 117, M 118, M 122, M 125, M 126, or ALEKS score of 35 or higher. Designed to prepare students for mathematical problems they will encounter in business. Includes solving and graphing linear, nonlinear, quadratic, exponential and logarithmic functions. Real life modeling and applications from business and economics.

MATH-M 215 Calculus I (5 cr.) Completion of MATH-M 125 and MATH-M 126 (or placement) are recommended prior to enrollment. Limits, continuity, derivatives, definite and indefinite integrals, applications, techniques of integration, infinite series.

MATH-M 216 Calculus II (5 cr.) P: MATH-M 215 with a C or better. Limits, continuity, derivatives, definite and indefinite integrals, applications, techniques of integration, infinite series.

MATH-M 295 Readings and Research (1-3 cr.)

P: Instructor permission required. Supervised problem solving. Admission only with permission of a member of the mathematics faculty who will act as supervisor.

MATH-M 303 Linear Algebra for Undergraduates

(3 cr.) P: MATH-M 216 with a C or better. Introduction to the theory of real vector spaces. Coordinate systems, linear dependence, bases. Linear transformations and matrix calculus. Determinants and rank. Eigenvalues and eigenvectors.

MATH-M 311 Calculus III (3 cr.) P: MATH-M 216 with a C or better. Elementary geometry of 2, 3, and n-space, functions of several variables, partial differentiation, minimum and maximum problems, and multiple integration.

MATH-M 312 Calculus IV (3 cr.) P: MATH-M 311 with C or better. Intended for students majoring in the physical sciences and applied mathematics. Vector integral calculus (line integrals, Green's theorem, surface integrals, Stokes' theorem and applications). Topics in series expansions, including Fourier series and some applications. Introduction to functions of a complex variable (Cauchy-Riemann equations, Cauchy integral theorem, Laurent expansions and applications).

MATH-M 313 Elementary Differential Equations

with Applications (3 cr.) P: MATH-M 216 with a C or better. Ordinary differential equations of first order and linear equations of higher order with applications, series solutions, operational methods, Laplace transforms, and numerical techniques.

MATH-M 320 Theory of Interest (3 cr.) Measurement of interest; accumulation and discount; equations of value; annuities; perpetuities; amortization and sinking funds; yield rates; bonds and other securities; installment loans; depreciation, depletion, and capitalized cost.

MATH-M 360 Elements of Probability (3 cr.) P: MATH-M 216 with a C or better.

MATH-M 363 Sample Survey Techniques (3 cr.) P: Two years of high school mathematics including algebra, MATH-K 300 or equivalent, or consent of instructor. Techniques; simple random, stratified, systematic, cluster, proportions, ratios, percentages; sample size, and sources of error in surveys.

MATH-M 366 Elements of Statistical Inference (3 cr.)

P: MATH-M 360 with a C or better. Introduction to statistical theory. Basic sampling distributions. Order statistics. Point estimation, maximum likelihood estimation, the Cramer-Rao bound, least squares method, confidence intervals, hypothesis-testing concepts, Neyman-Pearson lemma, likelihood ratio tests, linear models, large sample theory, contingency tables, goodness-of-fit tests.

MATH-M 371 Elementary Computational Methods

(3 cr.) Interpolation and approximation of functions, solution of equations, numerical integration and differentiation. Errors convergence, and stability of the procedures. Students write and use programs applying numerical methods.

MATH-M 380 History of Mathematics (3 cr.)

P: MATH-M 216 with a C or better. Brief study of the development of algebra and trigonometry; practical, demonstrative, and analytic geometry; calculus, famous problems, calculating devices; famous mathematicians and chronological outlines in comparison with outlines in the sciences, history, philosophy, and astronomy.

MATH-M 391 Introduction to Mathematical Reasoning (3 cr.) P: MATH-M 216 with a C or better. Elementary logic, techniques of proof, basic set theory, functions, relations, binary operations, number systems, counting. Bridges the gap between elementary and advanced courses.

MATH-M 403 Introduction to Modern Algebra I (3 cr.) P: MATH-M 303 and MATH-M 391 with a C or better or consent of instructor. Study of groups, rings, field extensions, with applications to linear transformations.

MATH-M 404 Introduction to Modern Algebra II (3 cr.) P: MATH-M 403 with a C or better. Study of groups, rings, fields (usually including Galois theory), with applications to linear transformations.

MATH-M 405 Number Theory (3 cr.) P: MATH-M 216 with a C or better. Numbers and their representation, divisibility and factorization, primes and their distribution, number theoretic functions, congruences, primitive roots, diophantine equations, quadratic residues, sums of squares, number theory and analysis, algebraic numbers, irrational and transcendental numbers.

MATH-M 406 Topics in Mathematics (3 cr.) P: Instructor permission required. Selected topics in various areas of mathematics not covered by the standard courses.

MATH-M 413 Introduction to Analysis I (3 cr.) P: MATH-M 311 and MATH-M 391 with a C or better. Modern theory of real number system, limits, functions, sequences and series, Riemann-Stieltjes integral, and special topics.

MATH-M 414 Introduction to Analysis II (3 cr.) P: MATH-M 413 with a C or better. Modern theory of real number system, limits, functions, sequences and series, Riemann-Stieltjes integral, and special topics.

MATH-M 421 Introduction to Topology I (3 cr.) P: MATH-M 303 and MATH-M 311 with a C or better. Introduction to point set topology with emphasis on metric spaces. Continuity, Cartesian products, connectedness, compactness, completeness. Elements of homotopy theory, fundamental group and covering spaces, elementary homology theory, applications to simplicial complexes and manifolds.

MATH-M 425 Graph (Network) Theory and Combinatorial Theory (3 cr.) P: MATH-M 216 with a C or better. Graph theory: basic concepts, connectivity, planarity, coloring theorems, matroid theory, network programming, and selected topics. Combinatorial theory: generating functions, incidence matrices, block designs, perfect difference sets, selection theorems, enumeration, and other selected topics.

MATH-M 436 Introduction to Geometries (3 cr.) P: MATH-M 391 with a C or better or consent of instructor. Non-Euclidean geometry, axiom system. Plane projective geometry, Desarguesian planes, perspectives, coordinates in the real projective plane. The group of projective transformations and subgeometries corresponding to subgroups. Models for geometries. Circular transformations.

MATH-M 447 Mathematical Models and Applications I (3 cr.) P: MATH-M 303, MATH-M 311, and MATH-M 360 or consent of instructor. C: MATH-M 303, MATH-M and MATH-M 360. Formation and study of

mathematical models used in the biological, social, and management sciences. Mathematical topics include games, graphs, Markov and Poisson processes, mathematical programming, queues, and equations of growth. Suitable for secondary school teachers.

MATH-M 471 Numerical Analysis I (3 cr.) P: MATH-M 303 and MATH-M 313, or consent of instructor. Interpolation and approximation of functions, numerical integration and differentiation, solution of nonlinear equations, acceleration and extrapolation, solution of systems of linear equations, eigenvalue problems, initial and boundary value problems for ordinary differential equations, and computer programs applying these numerical methods.

MATH-M 490 Problem Seminar (3 cr.) P: MATH-M 303, MATH-M 403, or MATH-M 413 and consent of instructor. C: MATH-M 403 or MATH-M 413 Introduction to research techniques for advanced undergraduates, based on problems from parts of the regular curriculum, such as linear algebra, topology, probability, and analysis. Emphasis will be on problems of both current and historical interest but usually not in the standard literature.

MATH-M 493 Senior Thesis in Mathematics (1 cr.) P: MATH-M 403 or MATH-M 413 and permission of instructor. The student must write and present a paper (senior thesis) on a topic agreed upon by the student and the department chairperson or advisor delegated by the chairperson.

MATH-T 101 Mathematics for Elementary Teachers I (3 cr.) P: Placement by exam. Elements of set theory, counting numbers. Operations on counting numbers, integers, rational numbers, and real numbers. Only open to elementary education majors.

MATH-T 102 Mathematics for Elementary Teachers II (3 cr.) P: MATH-T 101 with a C or better. Prime numbers and elementary number theory. Elementary combinatorics, probability, and statistics.

MATH-T 103 Mathematics for Elementary Teachers III (3 cr.) P: MATH-T 101 with a C or better. Descriptions and properties of basic geometric figures. Rigid motions. Axiomatics. Measurement, analytic geometry, and graphs of functions. Discussion of modern mathematics.

MATH-T 610 Topics in Analysis (3 cr.) This course will cover graduate-level knowledge in Analysis applications, including Real Analysis, Complex Analysis, Fourier Analysis, and other topics in Analysis.

MICR-J 200 Microbiology and Immunology (3 cr.) P: ANAT-A 215 and CHEM-C 101, CHEM-C 102, or CHEM-C 105 with a C or better. C: MICR-J 201. Consideration of pathogenic bacteria, viruses, fungi, and parasites in human disease; immunology and host-defense mechanisms.

MICR-J 201 Microbiology Laboratory (1 cr.) C: MICR-J 200. Bacteriological techniques: microscopy, asepsis, pure culture, identification. Biology of microorganisms; action of antimicrobial agents. Representative immunological reactions. Recognition of pathogenic fungi and animal parasites.

MICR-M 310 Microbiology (3 cr.) P: BIOL-L 211 with grade of C or better. C: MICR-M 315. Introduction to

microorganisms and viruses as model systems for comparative studies of cytology, metabolism, nutrition, genetics, and intracellular regulatory mechanisms, with emphasis on medical microbiology.

MICR-M 315 Microbiology: Laboratory (2 cr.) P: MICR-M 310 with grade of C or better. C: MICR-M 310. Exercises and demonstrations to yield proficiency in principles and techniques of cultivation and utilization of microorganisms under aseptic conditions.

MICR-M 350 Microbial Physiology and Biochemistry (3 cr.) P: BIOL-L 211 and MICR-M 315. C: MICR-M 360. Intended for biology and chemistry majors. Introduction to microbial biochemistry and physiology; nutrition, growth, and metabolism of selected bacteria.

MICR-M 420 Environmental Microbiology (5 cr.) P: BIOL-L 211 with grade of C or better. Role of microorganisms in various ecosystems. Detection and enumeration of microorganisms and their products from various environments.

MUS-A 101 Introduction of Audio Technology (2 cr.) Introduction to the equipment and techniques employed in audio recording and reinforcement, including basic audio theory, analog and digital recording, microphone placement, mixing, and editing.

MUS-A 270 Multi-track Studio Technology 1 (2 cr.) P: MUS-A 101. Introduction to multitrack recording studio procedures with an emphasis on mixing console operation, signal flow, microphone selection and use, and recording session planning and etiquette.

MUS-A 301 Electronic Studio Resources I (2 cr.) P: MUS-T 113 or instructor permission. An introduction to techniques and equipment used in the electronic music lab. Past musical study and experience required. MUS-A 301 required for all music majors.

MUS-A 302 Electronic Studio Resources II (2 cr.) P: MUS-E 241 and MUS-T 109 or higher (MUS-T 113-114). An introduction to techniques and equipment used in the electronic music lab. Past musical study and experience required.

MUS-A 321 Sound for Picture Production (3 cr.) P: MUS-A 301. Study of audio production techniques for radio, video, film, and multimedia. Emphasis on mixing criteria for broadcast and visual productions.

MUS-A 370 Multi-track Studio Technology 2 (2 cr.) P: MUS-A 270. Supervised practical experience in multitrack studio procedures with an emphasis on contemporary microphone and recording techniques. Small group and individual project work, as well as group listening and discussion.

MUS-A 423 Project in Sound Engineering (1 cr.) P: MUS-A 470, Gateway and departmental permission. Capstone Project for sound engineering students. Includes presentation that demonstrates advanced audio production skills.

MUS-A 470 Individual Projects in Sound Engineering (2 cr.) P: MUS-A 370, Gateway. Supervised practical experience in contemporary multitrack recording and mixing. Includes individual project work as well as group listening and discussion.

MUS-B 110 Horn Elective/Secondary (2 cr.) Private French horn lessons.

MUS-B 120 Trumpet Undergraduate Elective/Secondary (2 cr.) Private Trumpet lessons.

MUS-B 130 Trombone Elective/Secondary (2 cr.) Private Trombone lessons.

MUS-B 150 Tuba Elective/Secondary (2 cr.) Private Tuba lessons.

MUS-B 260 Horn (Applied Music) (2 cr.) P: Admission through audition as a music major or permission of department. For majors. Private studio instruction in horn. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Take two semesters at this number before proceeding to the next level.

MUS-B 270 Trumpet (Applied Music) (2 cr.) P: Admission through audition as a music major or permission of department. For majors. Private studio instruction in trumpet. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Take two semesters at this number before proceeding to the next level.

MUS-B 280 Trombone/Euphonium (Applied Music) (2 cr.) P: Admission through audition as a music major or permission of department. For majors. Private studio instruction. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Take two semesters at this number before proceeding to the next level.

MUS-B 290 Tuba (Applied Music) (2 cr.) P: Admission through audition as a music major or permission of department. For majors. Private studio instruction in tuba. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Take two semesters at this number before proceeding to the next level.

MUS-B 310 French Horn (2 cr.) P: Two semesters of MUS-B 260. Private French Horn lessons for music majors.

MUS-B 325 Trumpet and Cornet (2 cr.) P: Two semesters of MUS-B 270. For majors. Private studio instruction. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required.

MUS-B 330 Trombone (1 cr.) P: Two semesters of MUS-B 280. Private Trombone lessons all music majors.

MUS-B 350 Tuba (2 cr.) P: Two semesters of MUS-B 290. Private studio instruction in tuba for music majors.

MUS-B 402 Brass Senior Recital (1 cr.) P: Permission of instructor. Applied music.

MUS-B 415 French Horn (2 cr.) P: Two semesters of MUS-B 310. For majors. Private studio instruction in horn. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required.

MUS-B 420 Trumpet Undergraduate Major (1 cr.) P: Two semesters of MUS-B 325. For majors. Private studio instruction in trumpet. Levels may be repeated for

credit (2 credit hours each semester). Applied music fee required.

MUS-B 425 Trumpet and Cornet (2 cr.) P: Two semesters of MUS-B 325. For majors. Private studio instruction in trumpet. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required.

MUS-B 430 Trombone Undergrad Major (1 cr.) P: Two semesters of MUS-B 333. Applied music.

MUS-B 450 Tuba Undergrad Major (1 cr.) P: Two semesters of MUS-B 350. Private studio instruction in Tuba for majors.

MUS-D 100 Percussion Elective/Secondary (2 cr.) Private Percussion lessons.

MUS-D 200 Percussion Instruments (1-2 cr.) Private percussion lessons at the secondary level.

MUS-D 260 Percussion (Applied Music) (2 cr.)
P: Admission by audition as a music major or permission of department. For majors. Private studio instruction in percussion. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students. Take two semesters at this number before proceeding to the next level.

MUS-D 300 Percussion Instruments (2 cr.) P: Two semesters of MUS-D 260. Private percussion lessons for music majors.

MUS-D 305 Percussion (2 cr.) P: Two semesters of MUS-D 260. For majors. Private studio instruction in percussion. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students.

MUS-D 400 Percussion Undergrad Major (2 cr.) P: Two semesters of MUS-D 300. For majors. Private studio instruction in percussion. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students.

MUS-D 402 Senior BM Percussion Recital (2 cr.)
P: Permission of instructor. C: Must be taken concurrently with applied study. For majors.

MUS-D 405 Percussion (2 cr.) P: Two semesters of MUS-D 305. For majors. Private studio instruction in percussion. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students.

MUS-E 241 Introduction to Music Fundamentals (3 cr.) Basic music theory and beginning piano with an interdisciplinary focus. Fulfills arts requirement for special education and elementary education. Also for the nonmajor who wishes to learn the basics of music notation, scales, chords, and rhythms.

MUS-E 493 Piano Pedagogy (3 cr.) P: Permission of the instructor. Techniques and methods for teaching piano. Includes observation of private lessons.

MUS-E 545 Guided Professional Experience (1-3 cr.) Further development of professional skills in teaching, supervision, and administration by means of laboratory techniques and use of School of Music facilities

and resources. Evidence of competency to carry on independent work required.

MUS-G 261 String Class Techniques (1-2 cr.) Class instruction and teaching methods for violin, viola, violoncello and double bass.

MUS-G 281 Bass Instrument Techniques (1-2 cr.) Class instruction for developing proficiency on trumpet, French horn, trombone, euphonium, and tuba. Study of methods and materials for teaching brass instruments in class or private lessons.

MUS-G 337 Woodwind Techniques (1 cr.) Class instruction and teaching methods for flute, oboe, bassoon, clarinet, and saxophone.

MUS-G 338 Percussion Techniques (1-2 cr.) Class instruction to learn the rudiments of snare drum, tympani, and mallet instruments. Study of methods and materials for teaching percussion instruments in class or private lessons.

MUS-G 370 Techniques for Conducting (2 cr.) Introduction to philosophy and fundamentals of conducting. Scores preparation, baton and hand gestures for the right hand and use of the left hand; all standard meters and time patterns; varying dynamics, accents, musical characteristics and styles.

MUS-G 371 Choral Conducting I (2 cr.) Further development of basic conducting technique with a concentration on choral concepts. Emphasis on period style elements, analytical listening, aspects of choral tone, text analysis, score preparation, rehearsal planning, vocal techniques, and other advanced problems in choral conducting. Conduct representative works from varying style periods.

MUS-G 373 Instrumental Conducting (2 cr.) Further development of score reading and conducting techniques. Emphasis on experience conducting live instrumental ensembles.

MUS-H 100 Harp Elective/Secondary (2 cr.) Private studio instruction in harp. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students. Students who complete two semesters of private study should consult with the music program coordinator for registration in a higher course level.

MUS-H 260 Harp (Applied Music) (2 cr.) P: Admission through audition as a music major or permission of department. For majors. Private studio instruction in harp. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students. Take two semesters at this number before proceeding to the next level.

MUS-H 305 Harp (2 cr.) P: Two semesters of MUS-H 260. For majors. Private studio instruction in harp. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students.

MUS-H 402 Harp BM Senior Recital (1 cr.)
P: Permission of instructor. C: Must be taken concurrently with applied study. For majors.

MUS-H 405 Harp (2 cr.) P: Two semesters of MUS-H 305. For majors. Private studio instruction in harp. Levels

may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students.

MUS-K 200 Secondary Composition (3 cr.)

P: Permission of instructor. Writing and analysis under professional guidance in private consultations and class discussions.

MUS-K 300 Composition Concentration (3 cr.) P: MUS-T 113 or permission of instructor. For majors. Writing and analysis under professional guidance in private consultations and class discussions.

MUS-K 312 Arranging for Instrumental and Vocal Groups (2 cr.) P: MUS-T 113. Fundamentals of orchestration, arranging and scoring for orchestra, band and chorus.

MUS-K 400 Composition Major (3 cr.) P: Two semesters of MUS-K 300. Individually prescribed lessons in composition.

MUS-K 402 Senior Recital in Composition (0-1 cr.) P: Completion of sophomore gateway. For majors. Course should be taken simultaneously with MUS-K 400.

MUS-K 403 Electronic Studio Resources I (2 cr.) P: MUS-A 301 and MUS-A 302. Continued study in electronic music laboratory emphasizing the creative application of resources introduced in MUS-A 301 and MUS-A 302.

MUS-K 406 Projects in Electronic Music (1-3 cr.) P: Completion of sophomore gateway. Projects in Electronic Music.

MUS-K 710 Composition Graduate Elective (2-4 cr.) Weekly lessons in composition given on an individual basis.

MUS-L 100 Guitar Elective/Secondary (2 cr.) Private studio instruction in guitar. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Students who complete two semesters of private study should consult with the music program coordinator for registration in a higher course level.

MUS-L 101 Beginning Class Guitar (1 cr.) Classical guitar instruction in a class situation for non-music majors.

MUS-L 102 Intermediate Guitar Class (2 cr.) Class guitar instruction for beginning students.

MUS-L 153 Introduction to Music Therapy (3 cr.) Introduction to the influences of music on behavior, the healing properties of music, the use of music therapy with a variety of populations and the development of the music therapy profession. Includes an introduction to the clinical process and music therapy procedures as well as participation in experiential activities. Approved general education course in artistic expression.

MUS-L 200 Guitar (2 cr.) Private studio instruction in guitar. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Students who complete two semesters of private study should consult with the music program coordinator for registration in a higher course level.

MUS-L 260 Guitar (Applied Music) (2 cr.) For majors. Private studio instruction in guitar. Levels may be repeated for credit (2 credit hours each semester). Applied music

fee required. Take two semesters at this number before proceeding to the next level.

MUS-L 300 Concentration Guitar (2 cr.) P: Two semesters of MUS-L 260. For majors. Private studio instruction in guitar. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required.

MUS-L 400 Guitar Undergrad Major (2 cr.) P: Two semesters of MUS-L 300. For majors. Private studio instruction in guitar. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required.

MUS-L 402 Senior BM Guitar Recital (1 cr.) P: Permission of instructor. For majors. Should be taken simultaneously with applied study.

MUS-M 110 Special Topics in Music (1-3 cr.) An introduction to the history of various styles of rock and popular music and to the music of significant composers and performers in these genres. For the nonmajor.

MUS-M 174 Music for the Listener (3 cr.) An introduction to the art of music and its materials; to symphonic music, opera, and other types of classical music; and to the works of the great composers. For the nonmajor.

MUS-M 201 Literature of Music I (3 cr.) Recommended: one year of music theory. Survey of music from classical antiquity to 1750. Designed to develop a perspective on the evolution of music in its socio-cultural milieu, a repertoire of representative compositions, and techniques for listening analytically.

MUS-M 202 Literature of Music II (2 cr.) Recommended: one year of music theory. Survey of music from the classical era to the present. Designed to develop a perspective on the evolution of music in its social-cultural milieu, a repertoire of representative compositions, and a technique for listening analytically.

MUS-M 338 Methods and Materials for Teaching Choral Music (2 cr.) Development and organization of administration of choral music programs in the middle and secondary school. Emphasis on auditioning and placement, vocal productions, rehearsal techniques, and appropriate choral literature.

MUS-M 375 Survey of Ethnic and Popular Music of the World (3 cr.) A study of music of other nations and cultures and including Native American, Asian, Middle Eastern, and African American music. For the nonmajor.

MUS-M 403 History of Music I (3 cr.) P: Must have passed Gateway exams. Recommended: one year of music theory. Study of music from the beginning of western civilization to 1700. Analysis of representative compositions; relationship of music to the socio-cultural background of each epoch.

MUS-M 404 History of Music II (3 cr.) P: Must have passed Gateway exams. Recommended: one year of music theory. Continuation of M403. Study of music from 1750 to the 20th Century. Analysis of representative compositions; relationships of music to the socio-cultural background of each epoch.

MUS-M 414 Choral Repertoire (2 cr.) This course presents an overview of choral repertoire from the early

Renaissance to the present. Students will explore a variety of genres and composers throughout history.

MUS-M 540 Appreciation of Music (3 cr.) A study of the place of music and the other performing arts in society; philosophy and aesthetic theory in the arts; development of critical standards; listening to music; concert and opera attendance. For graduate students outside the department of music.

MUS-M 543 Keyboard Literature from 1700 to 1850 (3 cr.) A survey of literature for stringed keyboard instruments (piano and harpsichord) from the age of Bach to the twentieth century. Historical, stylistic, formal, and aesthetic features.

MUS-M 566 Ethnic Music Survey (3 cr.) A study of the music of other nations and cultures including Native American, Asian, Middle Eastern, and African American music. For the nonmajor.

MUS-M 566 Ethnic Music Survey (3 cr.) The purpose of the course is to introduce the general student to the music and the musical life of a wide spectrum of the world's peoples and cultures, thereby providing a multi-cultural musical experience and a broadened cultural as well as musical perspective.

MUS-P 100 Piano Elective/Secondary (2 cr.) Private studio instruction in piano. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Students who complete two semesters of private study should consult with the music program coordinator for registration in a higher course level.

MUS-P 101 Piano Class I (1 cr.) Class piano instruction for beginning students.

MUS-P 105 Keyboard Proficiency (0-1 cr.)

P: Permission of Instructor of department. All students majoring in music must pass a piano proficiency examination. Students will register in P105 no later than fourth semester of study, and will receive the grade of S when they have successfully passed the examination.

MUS-P 200 Piano (2 cr.) Individual piano lesson at the secondary level. Additional applied fee. Time scheduled with the instructor.

MUS-P 260 Piano (Applied Music) (2 cr.) P: Admission by audition as a music major or permission of department. For majors. Private studio instruction in piano. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Take two semesters at this number before proceeding to the next level.

MUS-P 300 Piano (1 cr.) Individual piano lessons for music majors. Additional applied fee. Time scheduled with instructor.

MUS-P 305 Piano (2 cr.) P: Two semesters of MUS-P 260. For majors. Private studio instruction in piano. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required.

MUS-P 400 Piano (1 cr.) P: Two semesters of MUS-P 305. Applied music.

MUS-P 402 Senior BM Piano recital (0-1 cr.)

P: Permission of instructor. C: Must be taken concurrently with applied study. For majors.

MUS-P 700 Piano Graduate Elective (2-4 cr.)

MUS-Q 100 Organ Elective/Secondary (2 cr.) Private studio instruction in organ. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students. Students who complete two semesters of private study should consult with the music program coordinator for registration in a higher course level.

MUS-Q 260 Organ (Applied Music) (2 cr.) For majors. Private studio instruction in organ. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students. Take two semesters at this number before proceeding to the next level.

MUS-Q 305 Organ (2 cr.) P: Two semesters of MUS-Q 260. For majors. Private studio instruction in organ. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students.

MUS-Q 400 Organ Undergrad Major (2 cr.) P: Two semesters of MUS-Q 305. For majors. Private studio instruction in organ. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students.

MUS-Q 402 Senior BM Organ Recital (1 cr.)

P: Permission of instructor. C: Must be taken concurrently with applied study. For majors.

MUS-R 251 Workshop in Opera Acting 1 (1 cr.)

P: Permission of conductor or audition.

MUS-S 110 Violin Elective/Secondary (2 cr.) Private violin lessons for non-music majors. Additional applied fee. Time scheduled with the instructor.

MUS-S 120 Viola Elective/Secondary (1 cr.) Private viola lessons at the secondary level. Additional applied fee. Time scheduled with instructor.

MUS-S 130 Cello Elective/Secondary (1 cr.) Private cello lessons. Additional applied fee. Time scheduled with instructor.

MUS-S 140 Double Bass Elective/Secondary (1 cr.)

Private bass lessons. Additional applied fee. Time scheduled with instructor.

MUS-S 260 Violin (Applied Music) (2 cr.) P: Admission by audition as a music major or permission by department. For majors. Private studio instruction in violin. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Take two semesters at this number before proceeding to the next level.

MUS-S 270 Viola (Applied Music) (2 cr.) P: Admission by audition as a music major or permission by department. For majors. Private studio instruction in viola. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Take two semesters at this number before proceeding to the next level.

MUS-S 280 Cello (Applied Music) (2 cr.) P: Admission by audition as a music major or permission by department. For majors. Private studio instruction in cello. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Take two semesters at this number before proceeding to the next level.

MUS-S 290 Bass (Applied Music) (2 cr.) P: Admission by audition as a music major or permission of department. For majors. Private studio instruction in bass. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Take two semesters at this number before proceeding to the next level.

MUS-S 315 Violin (2 cr.) P: Two semesters of MUS-S 260. For majors. Private studio instruction in violin. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required.

MUS-S 315 Violin (2-6 cr.)

MUS-S 320 Viola (1 cr.) P: Two semesters of MUS-S 270. Private lessons in viola for music majors. Additional applied fee. Time scheduled with instructor.

MUS-S 330 Cello (1 cr.) P: Two semester of MUS-S 280. Private lessons in cello ' for music majors. Additional applied fee. Time scheduled with instructor.

MUS-S 345 Double Bass (2 cr.) P: Two semesters of MUS-S 290. Private studio instruction in bass - for majors

MUS-S 402 Senior BM String Recital (1 cr.)
P: Permission of instructor. C: Must be taken concurrently with applied study. For majors.

MUS-S 415 Violin (2 cr.) P: Two semesters of MUS-S 315. For majors. Private studio instruction in violin. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required.

MUS-S 420 Viola Undergrad Major (1 cr.) P: Two semesters of MUS-S 320. Private studio instruction in viola for majors

MUS-S 430 Cello Undergrad Major (1 cr.) P: Two semesters of MUS-S 330. Private studio instruction in cello - for majors

MUS-S 440 Double Bass Undergrad Major (2 cr.)
P: Two semesters of MUS-S 345. For majors. Private studio instruction. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required.

MUS-T 109 Rudiments of Music 1 (3 cr.) Entry level class for students interested in how music works. The class deals with the fundamentals of notation, ear training, and music reading. Melody and harmony are explored.

MUS-T 113 Music Theory I (3 cr.) P: MUS-T 109 or by passing a theory placement exam. Required for all music majors. Study of the elements of basic musicianship: intervals, scales, triads, rhythm and meter, music nomenclature, rudiments of two-part writing and diatonic harmony.

MUS-T 114 Music Theory II (3 cr.) P: MUS-T 113. Required for all music majors, Continuation of the study of harmony in context with four-part writing, diatonic harmony, secondary functions and modulation. Examination of musical forms and structures. Emphasis on musical analysis and compositional applications.

MUS-T 115 Sightsinging & Aural Perception I (1 cr.)
P: MUS-T 109 or by passing a theory placement exam or permission of instructor. Diatonic melody and harmony; aural skills, music sight-reading, keyboard skills. Music

majors are advised to take this course concurrently with MUS T113.

MUS-T 116 Sightsinging & Aural Perception II (1 cr.)
P: MUS-T 115. Aural skills, music sight-reading, and keyboard. Music majors are advised to take this course concurrently with MUS T114.

MUS-T 213 Music Theory III (3 cr.) Historical survey of the elements, forms, and aesthetics of musical styles through written analysis, listening examples, and structured composition activities. Medieval through classical sonatas, including the entire harmonic vocabulary of the Common Practice Era.

MUS-T 214 Music Theory IV (3 cr.) Historical survey of the elements, forms, and aesthetics of musical styles through written analysis, listening examples, and structured composition activities. Classical through 20th century.

MUS-T 215 Sightsinging/Aural Perception III (1 cr.)
P: MUS-T 116. Aural skills, music sight-reading, and keyboard. Music majors are advised to take this course concurrently with MUS-T 213.

MUS-T 216 Sightsinging & Aural Perception IV (1 cr.)
P: MUS-T 215. Aural skills, music sight-reading, and keyboard. Music majors are advised to take this course concurrently with MUS-T 214.

MUS-T 400 Undergraduate Readings in Theory (1-6 cr.)
Independent study on a topic approved by the music theory department prior to enrollment in the course.

MUS-T 418 Music and Ideas (3 cr.) An introduction to the philosophy of music and the history and problems of musical aesthetics.

MUS-T 317 Analysis of Tonal Music (3 cr.) P: MUS-T 114. Builds on the foundation of first-year theory. Development of contrapuntal skills through appropriate exercises and analysis of polyphonic styles from selected periods. Also systematically incorporates chromatic harmony with an intensive study of music styles; integrates chordal vocabulary with larger formal processes.

MUS-T 318 Analysis of Post-Tonal Music (3 cr.)
P: MUS-T 317. Introduction to and analysis of works from Impressionism to music of today.

MUS-U 230 Foreign Language for Singers (3 cr.) Study of language techniques, diction, international phonetic alphabet, and pronunciation fundamentals.

MUS-U 411 Performing Arts Center Management (3 cr.) On national and local level. Mechanics of management, booking of concert artists and attractions, organized-audience plan, local concert series, symphony management.

MUS-U 413 Legal Aspects of the Music Industry (3 cr.)
Introduction to the legal environment affecting music such as copyright, artist contracts, royalties, rights associated with intellectual property, and publishing.

MUS-U 440 Practicum (2 cr.) Internships for music business and music technology students.

MUS-V 100 Voice Elective/Secondary (2 cr.) Private studio instruction in voice. Levels may be repeated for

credit (2 credit hours each semester). Applied music fee is required for all students. Students who complete two semesters of private study should consult with the music program coordinator for registration in a higher course level.

MUS-V 101 Voice Class (2 cr.) Class voice instruction for beginning students.

MUS-V 200 Voice (2 cr.) Private lessons.

MUS-V 260 Voice (Applied Music) (2 cr.) P: Admission by audition as a music major or permission by department. For majors. Private studio instruction in voice. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students. Take two semesters at this number before proceeding to the next level.

MUS-V 300 Voice (1 cr.) Individual voice lessons at the concentration level. Additional applied fee. Time scheduled with instructor.

MUS-V 305 Voice (2 cr.) P: Two semesters of MUS-V 260. For majors. Private studio instruction in voice. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students.

MUS-V 400 Voice (2 cr.) P: Two semesters of MUS-V 305. For majors. Private studio instruction in voice. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students.

MUS-V 402 Senior BM Voice Recital (1 cr.)
P: Permission of instructor. C: Must be taken concurrently with applied study. For majors.

MUS-V 700 Voice Graduate Elective (2-4 cr.)

MUS-W 110 Flute/Piccolo Elective/Secondary (2 cr.)
Private studio instruction in flute/piccolo. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Students who complete two semesters of private study should consult with the music program coordinator for registration in a higher course level.

MUS-W 120 Oboe/English Horn Elective/Secondary (2 cr.) Individual Oboe/Eng Horn lessons.

MUS-W 130 Clarinet Elective/Secondary (2 cr.)
Individual Clarinet lessons.

MUS-W 140 Bassoon Elective/Secondary (2 cr.)
Individual Bassoon lessons.

MUS-W 150 Saxophone Elective/Secondary (2 cr.)
Individual Saxophone lessons.

MUS-W 240 Bassoon (1 cr.) P: Admission by audition as a music major or permission by department. Private Bassoon lessons at the secondary level.

MUS-W 250 Saxophone (2 cr.) P: Admission by audition as a music major or permission by department. For majors. Private studio instruction in saxophone. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students. Take two semesters at this number before proceeding to the next level.

MUS-W 260 Flute/Piccolo (Applied Music) (2 cr.)
P: Admission by audition as a music major or permission by department. For majors. Private studio instruction in

flute/piccolo. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Take two semesters at this number before proceeding to the next level.

MUS-W 270 Oboe (Applied Music) (2 cr.) P: Admission by audition as a music major or permission by department. For majors. Private studio instruction in oboe. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Take two semesters at this number before proceeding to the next level.

MUS-W 280 Clarinet (Applied Music) (2 cr.)
P: Admission by audition as a music major or permission by department. For majors. Private studio instruction in clarinet. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students. Take two semesters at this number before proceeding to the next level.

MUS-W 315 Flute and Piccolo (2 cr.) P: Two semesters of MUS-W 260. For majors. Private studio instruction in flute/piccolo. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required.

MUS-W 320 Oboe and English Horn (1 cr.) P: Two semesters of MUS-W 270. Private Oboe and English Horn lessons for music majors.

MUS-W 330 Clarinet (1 cr.) P: Two semesters of MUS-W 280. Private Clarinet lessons for music majors.

MUS-W 345 Bassoon (2 cr.) P: Two semesters of MUS-W 240. For majors. Private studio instruction in bassoon. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students.

MUS-W 355 Saxophone (2 cr.) P: Two semesters of MUS-W 250. For majors. Private studio instruction in saxophone. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students.

MUS-W 402 Senior BM Woodwind Recital (1 cr.)
P: Permission of instructor. C: Must be taken concurrently with applied study. For majors.

MUS-W 410 Flute/Piccolo Undergrad Major (2 cr.)
P: Two semesters of MUS-W 315. For majors. Private studio instruction in flute/piccolo. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required.

MUS-W 420 Oboe/Eng Horn Undergrad Major (1 cr.)
P: Two semesters of MUS-W 320. Private studio instruction in oboe - for majors.

MUS-W 430 Clarinet (2 cr.) P: Two semesters of MUS-W 330. For majors. Private studio instruction in clarinet. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students.

MUS-W 445 Bassoon (2 cr.) P: Two semesters of MUS-W 345. For majors. Private studio instruction in bassoon. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students.

MUS-W 455 Applied Saxophone (2 cr.) P: Two semesters of MUS-W 355. For majors. Private studio instruction in saxophone. Levels may be repeated for

credit (2 credit hours each semester). Applied music fee is required for all students.

MUS-X 1 All-Campus Ensemble (0 cr.) P: All ensembles require permission of conductor or audition.

MUS-X 2 Piano Accompanying (1 cr.) P: Permission of the instructor. For BM piano majors who have passed the upper-division examination and for MM, AD, PDSP, and PDCP piano majors. Other qualified students may enroll with approval of the choral department.

MUS-X 341 Guitar Ensemble (1 cr.) P: All ensembles require permission of conductor or audition.

MUS-X 341 Guitar Ensemble (1 cr.) Guitarist receives coaching in duet, trio and quartet ensembles. Provides students with the opportunity to perform with other guitarists as well as other instrumentalists/vocalists.

MUS-X 350 Jazz Ensemble (1 cr.) P: All ensembles require permission of conductor or audition.

MUS-X 40 University Instrumental Ensembles (0 cr.) P: All ensembles require permission of conductor or audition. University instrumental ensemble.

MUS-X 421 Chamber Music with Piano (1 cr.) This course consists of coaching a chamber ensemble while covering a wide range of topics and music foundational to ensemble performance. Repertoire is assigned by the instructor and will cover the major stylistic periods from the classical period up to the music of today.

MUS-X 423 Chamber Music (1 cr.) P: All ensembles require permission of conductor or audition. Choral ensemble dedicated to performing a variety of repertoire including great choral masterpieces of the eighteenth through twentieth centuries. Open to all students.

MUS-X 60 Early Music Ensemble (2 cr.) Required for all early music majors.

MUS-X 70 University Choral Ensembles (1 cr.) P: All ensembles require permission of conductor or audition. Choral ensemble dedicated to performing a variety of repertoire including great choral masterpieces of the eighteenth through twentieth centuries. Open to all students.

MUS-X 95 Performance Class (0 cr.) Performance laboratory. Students will attend concerts recitals and other prescribed music events.

MUS-Z 201 History of Rock and Roll Music (3 cr.) A survey of the major trends, styles, and genres of rock music from the earliest recordings to the present day, focusing on the work of the artist and groups who have proven to be of the most enduring significance.

MUS-Z 340 Intro to Music Business (3 cr.) An introduction to the business aspects of the music industry. Recording companies, artists, and contracts; music production; copyright, licensing, and publishing; booking agents, promotions, and performing rights organizations.

NATS-R 300 Research in the Sciences (1-3 cr.) P: Department consent. This course allows students who want to participate in research to do so; and allows students who received research fellowships to finish their work when the fellowship runs out.

NATS-S 100 Introduction to Pre-Professional Science Studies (1 cr.) This course is designed for students planning to pursue admission into professional science programs (medical, dental, pharmacy, veterinary, etc.).

NATS-S 200 Career Advising: Science Careers (1 cr.) P: For Natural Science Majors only. This course is designed for students pursuing a Science degree at Indiana University Southeast who are not currently working in a professional position.

NATS-S 350 Seminar in Pre-Professional Science Studies (1 cr.) P: NAT-S 100 Standardized test strategies and the science based professional school application process.

NURS-B 231 Comm Skill for Hlth Profsnl (3 cr.) Students in this course will focus on basic communication skills essential for working with clients of various ages and health care professionals. Content includes interpersonal communications and group dynamics. Students will practice communication skills with individuals, within groups, and through electronic media.

NURS-B 232 Introduction to the Discipline (3 cr.) This course focuses on core theoretical concepts of nursing practice: health, wellness, illness, wholism, caring environment, self-care, uniqueness of persons, interpersonal relationships, and decision making. This course helps the student understand nursing's unique contributions to meeting societal needs through integrating theory, research, and practice.

NURS-B 233 Health and Wellness (4 cr.) P: All 200 level Nursing Courses This course focuses on the use of concepts from nursing, nutrition, pharmacology, and biopsychosocial sciences to critically examine the determinates of health, wellness, and illness across the life span. Environmental, sociocultural, and economic factors that influence health care practices are emphasized. Theories of health, wellness, and illness are related to health promotion, disease prevention, illness prevention, and nursing interventions.

NURS-B 236 Developmental Issues in Nursing (3 cr.) P: NURS-B 231, NURS-B 232, NURS-B 244, and NURS-B 245 The course focuses on theories of individual development and family adaptation across the lifespan and health promotion/risk reduction topics for specific age groups. Students will perform assessments on individuals in various age groups.

NURS-B 244 Comprehensive Health Assessment (2 cr.) This course focuses on helping students acquire skills to conduct a comprehensive health assessment, including the physical, psychological, social, functional, and environmental aspects of health. The process of data collection, interpretation, documentation, and dissemination of assessment data will be addressed.

NURS-B 245 Comprehensive Health Assessment: Practicum (2 cr.) Students will have the opportunity to use interview, observation, percussion, palpation, inspection, and auscultation in assessing clients across the life span in simulated and actual environments.

NURS-B 248 Science and Technology of Nursing (2 cr.) This course focuses on the fundamentals of nursing from a theoretical research base. It provides an opportunity for basic care nursing skills development.

Students will be challenged to use critical thinking and problem solving in developing the ability to apply an integrated nursing therapeutics approach for clients experiencing health alterations across the life span.

NURS-B 249 Science and Technology of Nursing: Practicum (2 cr.) Students will have the opportunity to demonstrate fundamental nursing skills in the application of nursing care for clients across the life span.

NURS-B 304 Health Policy (3 cr.) Social, ethical, cultural, economic, and political issues that affect the delivery of health and nursing services globally are critically analyzed. Government and entrepreneurial interests are examined. Emphasis is placed on the impact of policy decisions on professional nursing practice and health services.

NURS-B 331 Transition to Baccalaureate Nursing Practice (3 cr.) This course bridges the nurse to the essential elements of baccalaureate professional practice. Students examine inter and intra professional communication, collaboration, and teamwork to enhance quality patient care. Students explore nursing professional organizations, issues in professional practice, and the impact of lifelong learning on career development.

NURS-B 344 Comprehensive Nursing Health Assessment (3-3 cr.) This course focuses on the complete health assessment, the nursing process, and its relationship to the prevention and early detection of disease across the life span. Students learn the skills of interview, inspection/observation, palpation, percussion, and auscultation in assessing clients across the life span and comparing normal from abnormal findings.

NURS-B 403 Gerontological Nursing (3 cr.) This course promotes a holistic approach to persons in the later years of life. Death and dying, legal and ethical issues, family caregiving, and future challenges will be discussed in the context of best practices as outlined by the John A. Hartford Foundation; Institute for Geriatric nursing.

NURS-B 404 Informatics (3 cr.) This course addresses nursing informatics: state of the science and issues for research, development and practice. It clarifies concepts of nursing, technology, and information management; and comprises theory, practice, and the social and ethical issues in nursing and health care informatics.

NURS-H 351 Alterations in Neuropsychological Health (3 cr.) P: sophomore-level courses. C: NURS-H 352, NURS-H 353, and NURS-H 354. This course focuses on individuals and small groups experiencing acute and chronic neuropsychological disorders. Content includes the effect of the brain-body disturbances on health functioning. Other content areas are growth and development, stress, mental status, nurse-client relationships, psychopharmacology, and nursing approaches for clients experiencing DSM-IV neuropsychological disorders.

NURS-H 352 Alterations in Neuropsychological Health: The Practicum (2 cr.) P: All sophomore-level courses C: NURS-H 351, NURS-H 353, and NURS-H 354. Students will provide nursing care to individuals and small groups who are experiencing acute and chronic neuropsychological disturbances related to psychiatric disorders. Student experiences will be with individuals and

small groups in supervised settings such as acute care, community based, transitional, and/or the home.

NURS-H 353 Alterations in Health I (3 cr.) P: All sophomore-level courses. C: NURS-H 351, NURS-H 352, and NURS-H 354. This course focuses on the pathophysiology and holistic nursing care management of clients experiencing acute and chronic problems. Students will use critical thinking and problem-solving skills to plan intervention appropriate to health care needs.

NURS-H 354 Alterations in Health I: The Practicum (2 cr.) P: All sophomore-level courses. C: NURS-H 351, NURS-H 352, NURS-H 353. Students will apply the science and technology of nursing to perform all independent, dependent, and interdependent care functions. Students will engage clients in a variety of settings to address alterations in health functioning, identify health care needs, and determine the effectiveness of interventions given expected outcomes.

NURS-H 355 Data Analysis/Pract & Research (3 cr.) Introduces nursing and other health science students to the basic concepts and techniques of data analysis needed in professional health care practice. Principles of measurement, data summarization, and univariate and bivariate statistics are examined. Differences in types of qualitative data and methods by which these types of data can be interpreted are also explored. Emphasis is placed on the application of fundamental concepts to real world situations in client care.

NURS-H 361 Alterations in Health II (3 cr.) P: All sophomore-level courses: NURS-H 351, H 352, H 353, and H 354. C: NURS-H 262, H 363, H 364, H 365. This course builds on Alterations in Health I and continues to focus on pathophysiology and holistic nursing care management of clients experiencing acute and chronic health problems and their associated needs.

NURS-H 362 Alterations in Health II: The Practicum (2 cr.) P: All sophomore-level courses; NURS-H 351, H 352, H353, and H354. C: NURS-H 361, H 363, H 364, and H 365. Students will continue to apply the science and technology of nursing to perform all independent, dependent, and interdependent care functions. Students will engage clients in a variety of settings to address alterations in health functioning.

NURS-H 363 The Developing Family and Child (3 cr.) P: All sophomore-level courses; NURS-H 351, H 352, H 353, and H 354. C: NURS-H 361, H 362, H 363, and H 365. This course focuses on the needs of individuals and their families who are facing the phenomena of growth and development during the childbearing and child-rearing phases of family development. Factors dealing with preserving, promoting, and restoring healthy status of family members will be emphasized.

NURS-H 364 The Developing Family and Child: The Practicum (3 cr.) P: All sophomore-level courses; NURS-H 351, H 352, H 353, and H 354. C: NURS-H 361, H 362, H 363, and H 365. Students will have the opportunity to work with childbearing and child-rearing families, including those experiencing alterations in health.

NURS-H 365 Nursing Research (3 cr.) P: All sophomore-level courses; NURS-H 351, H 352, H 353, and H 354. C: NURS-H 361, H 363, and H 364. This course focuses

on development of the student's skills in using the research process to define clinical research problems and to determine the usefulness of research in clinical decisions related to practice. The critique of nursing and nursing-related research studies will be emphasized in identifying applicability to nursing practice.

NURS-I 630 Introduction to Nursing Informatics (3 cr.)

Introduction to the field of nursing informatics, current state of the science, and major issues for research and development. Includes theoretical models of nursing informatics; nursing roles; information processing and data management; data acquisition and data representation; information system standards system architecture and networking; evaluation; and ethical/social issues in healthcare informatics.

NURS-K 301 Complementary Health Therapies (3 cr.)

This course is designed to introduce the student to non-mainstream health care therapies. The course will serve as an introduction to a variety of therapies, including healing touch, guided imagery, hypnosis, acupuncture, aromatherapy, reflexology and massage, to name a few.

NURS-K 305 New Innovations in Health & Health Care (3 cr.)

This course explores emergent trends in health and health care, including technological advances in health care, developing approaches to care based on new knowledge and/or research findings, and trends in health care delivery in a themed, survey, or independent study format.

NURS-K 434 Global Health Issues In Nurses (3 cr.)

The course focuses on global health issues, the conditions that contribute to global health disparities, and nursing interventions. Conceptual models and health equity concepts, evidence-based practice, and health care delivery systems are analyzed to explore strategies for addressing global health issues. Students investigate issues and advocate for health justice.

NURS-K 490 Life Span Practicum (1 cr.) P: PSY-P 101. C: NURS-B 310. Students will make assessments and observations of individuals in various stages of growth and development.

NURS-K 492 Nursing Elective (1-6 cr.) P: Successful completion of junior-level courses or permission of instructor. Opportunity for the nursing student to pursue independent study of topics in nursing under the guidance of a selected faculty member.

NURS-K 499 Genetics and Genomics (3 cr.) The course introduces a basic knowledge of genetics in health care, including genetic variation and inheritance; ethical, legal, and social issues in genetic health care; genetic therapeutics; nursing roles; genetic basis of selected alterations to health across the life span; and cultural considerations in genetic health care are all considered.

NURS-L 574 Administrative Management for Nursing (3 cr.)

Concepts, theories, perspectives, and research relevant to administration of nursing services. Emphasis on management principles and organizational processes related to patient care delivery systems. Examines contemporary literature in nursing and business.

NURS-L 671 Financial Management: Nursing (3 cr.)

This course acquaints students with budget preparation and fiscal management. Fiscal management and strategic

change are analyzed. Students use computerized spreadsheets in budget preparation.

NURS-N 502 Nursing Theory for Advanced Nursing Practice (3 cr.)

This course focuses on analyzing the relationships between theory and research for effective translation to practice. Emphasis is placed on selection and evaluation of theories, interprofessional perspectives, and using theory to guide practice and research.

NURS-N 504 Leadership for Advancing Nursing Practice (3 cr.)

This course addresses organizational and leadership knowledge and skills required to advance health outcomes and influence policy. Key leadership issues and challenges affecting advanced practice nurses will be examined and effective leadership and advocacy skills will be applied.

NURS-P 345 Pharmacology for Professional Nursing Practice (3 cr.)

P: Admission to the RN-BSN program. This course focuses on principles of pharmacology for professional nursing practice. It includes the pharmacologic properties of major drug classes and individual drugs, with an emphasis on the clinical application of drug therapy through the nursing process.

NURS-R 375 Nursing Research and Evidence-Based Practice (3 cr.)

This course focuses on nursing research and evidence-based practice. Students develop skills in retrieving and appraising literature relevant to clinical problems, understanding the research process, and critiquing evidence from research publications and other sources to inform evidence-based nursing practice.

NURS-R 470 Clinical Nursing Practice Capstone (3 cr.)

This course must be taken in the final term for RN BSN students. This course allows students to synthesize knowledge and skills learned in the baccalaureate program and to demonstrate competencies consistent with program outcomes and to refine their nursing practice skills. Students will plan and organize learning experiences, design a project, and practice professional nursing in a safe and effective manner.

NURS-R 500 Nursing Research Methods (3 cr.)

This course emphasizes using research for decision-making in the delivery of quality evidence-based health care. Emphasis is placed on identifying problems and searching, appraising and synthesizing evidence for application or generating new knowledge using research methods. Strategies for disseminating findings across inter-professional contexts are examined.

NURS-R 505 Measurement and Data Analysis (3 cr.)

Principles and applications of scientific measurement, data summarization, inferential statistics, and practical derivations of the general linear model. Considers the research purpose and the phenomenon under study as determinants of measurement techniques and data analysis.

NURS-R 590 Scholarly Project (1 cr.) A guided experience in identifying a researchable nursing problem and in developing and implementing a research project.

NURS-S 410 Emergency Preparedness (3 cr.)

This course focuses on the theoretical and practical perspectives of disaster response and emergency management for nursing professionals. Students will explore disaster/ emergency response preparedness,

leadership principles, decision-making, and recovery training measures for health care providers devoted to supporting community disaster resilience.

NURS-S 420 Code Coordination (3 cr.) Students will synthesize knowledge and skills relevant to care coordination to ensure smooth care transition. Students will develop an understanding of the role of the RN as a member of an interprofessional team, as well as options for the most appropriate care setting for an individual patient.

NURS-S 470 Restorative Health Related to Multisystem Failures (3 cr.) P: All junior-level courses. C: NURS-S 471, S 472, and S 473. This course focuses on the pathophysiology and nursing care management of clients experiencing multisystem alterations in health status. Correlations among complex system alterations and nursing interventions to maximize health potential are emphasized.

NURS-S 471 Restorative Health Related to Multisystem Failures: The Practicum (2 cr.) P: All junior-level courses. C: NURS-S 470, S 472, and S 473. Students will apply the nursing process to the care of clients experiencing acute multisystem alterations in health.

NURS-S 472 A Multisystem Approach to the Health of the Community (3 cr.) P: All junior-level courses. C: NURS-S 470, S 471, and S 473. This course focuses on the complexity and diversity of groups or aggregates within communities and their corresponding health care needs. Through a community assessment of health trends, demographics, epidemiological data, and social/political/economics issues in local and global communities, the student will be able to determine effective interventions for community-centered care.

NURS-S 473 A Multisystem Approach to the Health of the Community: Practicum (2 cr.) P: All junior-level courses. C: NURS-S 470, S 471, and S 472. Students will have the opportunity to apply the concepts of community assessment, program planning, prevention, and epidemiology to implement and evaluate interventions for community-centered care to groups or aggregates. Professional nursing will be practiced in collaboration with diverse groups within a community.

NURS-S 474 Applied Health Care Ethics (3 cr.) Building on the ANA Code of Ethics, this course explores the nurse's role in ethical clinical practice, academic work, health policy, and research conduct, focusing particularly on the advocacy role of the nurse. Common ethical problems are discussed and strategies for resolution are applied.

NURS-S 475 Community Health: RNBSN (3 cr.) Basic epidemiological principles and community health nursing models are applied in collaboration with diverse groups. Disease prevention strategies are applied to individuals and populations to promote health. Students apply the concepts of community assessment, disease prevention and health promotion to plan, implement, and evaluate interventions for populations in the community.

NURS-S 481 Nursing Management (2 cr.) P: All junior-level courses; NURS-S 470, S 471, S 472, and S 473. C: NURS-S 482, S 483, S 484, and S 485. This course

focuses on the development of management skills assumed by professional nurses, including delegation of responsibilities, networking, facilitation of groups, conflict resolution, leadership, case management, and collaboration. Concepts addressed include organizational structure, change, managing quality and performance, workplace diversity, budgeting and resource allocation, and delivery systems.

NURS-S 482 Nursing Management: The Practicum (3 cr.) P: All junior-level courses; NURS-S 470, S 471, S 472, and S 473. C: NURS-S 481, S 483, S 484, and S 485. Students will have the opportunity to apply professional management skills in a variety of nursing leadership roles.

NURS-S 483 Clinical Nursing Practice Capstone (3 cr.) P: All junior-level courses; NURS-S 470, S 471, S 472, and S 473. C: NURS-S 481, S 482, S 484, and S 485. Students will have the opportunity to demonstrate competencies consistent with program outcomes and to refine their nursing care practice skills. Students will collaborate with faculty and a preceptor in choosing a care setting, planning and organizing a learning experience, and practicing professional nursing in a safe and effective manner.

NURS-S 484 Evidence-Based Practice (1 cr.) P: All junior-level courses; NURS-S 470, S 471, S 472, and S 473. C: NURS-S 481, S 482, S 483 and S 485. This course focuses on students' abilities to refine their critical/analytical skills in evaluating clinical research for applicability to nursing practice. Students will examine the role of evaluation, action research, and research findings in assuring quality of nursing care and in solving relevant problems arising from clinical practices.

NURS-S 485 Professional Growth and Empowerment (3 cr.) P: All junior-level courses; NURS-S 470, S 471, S 472, and S 473. C: NURS-S 481, S 482, S 483, and S 484. This course focuses on issues related to professional practice, career planning, personal goal setting, and empowerment of self and others. Students will discuss factors related to job performance, performance expectations and evaluation, reality orientation, and commitment to lifelong learning.

NURS-S 487 Nursing Management: RNBSN (3 cr.) This course focuses on development of management skills assumed by professional nurses, including delegation of responsibilities, networking, and facilitation of groups, conflict resolution, leadership, case management, and collaboration. Concepts addressed include organizational structure, delivery systems, change, managing quality and performance, budgeting and resource allocation, staffing, scheduling, evaluation and career development.

NURS-T 615 Nursing Curriculum (3 cr.) Focus is on the process of developing a curriculum of nursing within a peer setting. Emphasis is also directed toward individual investigation of a nursing curriculum issue.

NURS-T 670 Teaching of Nursing (3-6 cr.) Seminar and guided experiences in teaching of nursing, including planning, developing, implementing and evaluating classroom and clinical instruction.

NURS-Y 510 Advanced Practice Nursing Concepts I (3 cr.) Analyzes selected nursing concepts and related

research with a focus on ethics, professional role development, human diversity and social issues as well as health promotion and disease prevention. Relationship of concepts to advanced practice models is explored.

NURS-Y 520 Advanced Practice Nursing Concepts II (3 cr.) Analyzes selected nursing concepts and related research with a focus on health care policy, organization of health care delivery systems, health care financing and health care economics. Relationship of concepts to advanced practice models is explored.

NURS-Z 480 B.S.N. Portfolio Review for Course Substitution (1-6 cr.) The portfolio review process is available to all undergraduate students who believe that they can meet the learning objectives/competencies required of a specific nursing course within their program of study. The portfolio is a mechanism used to validate the acquisition of knowledge and skills congruent with course expectations and student learning outcomes. The portfolio provides objective evidence that students have acquired the content and skills through prior learning and/or practice experiences.

NURS-Z 490 Clinical Experience in Nursing (1-6 cr.) Opportunity for independent study of clinical experience related to nursing practice. Includes elective credit awarded to registered nurses holding valid specialty certification from a professional nursing organization in an appropriate area of nursing. A maximum of 2 credit hours may be awarded.

NURS-Z 492 Individual Study in Nursing (1-6 cr.) Opportunity for registered nurses to participate in independent study of topics related to nursing practice under the guidance of a selected faculty member.

PHIL-P 100 Introduction to Philosophy (3 cr.) Perennial problems of philosophy, including problems in ethics, in epistemology and metaphysics, in philosophy of religion. Major emphases appear in the Schedule of Classes.

PHIL-P 113 Introduction to Debate, Argument, and Persuasion (3 cr.) Introduction to Debate, Argument, and Persuasion will give students the opportunity to develop basic skills in oral argument and debate, as well as in logical and critical thinking. The course will emphasize daily exercises designed to promote the abilities of students in the areas of persuasive, informative, and critical speech. Further, students will learn how to frame arguments in both prepared and spontaneous formats, both individually and in groups.

PHIL-P 140 Introduction to Ethics (3 cr.) The study of classical ethics texts by Aristotle, Kant, Mill, and many others. Examination of some contemporary moral issues.

PHIL-P 145 Introduction to Social and Political Philosophy (3 cr.) Fundamental problems of social and political philosophy: the nature of the state, political obligation, freedom and liberty, equality, justice, rights, social change, revolution, and community. Readings from classical and contemporary sources.

PHIL-P 150 Elementary Logic (3 cr.) Development of critical tools for the analysis and evaluation of arguments.

PHIL-P 170 Intro to Asian Philosophy (3 cr.) Survey of select philosophical traditions of India, China, and Japan, including Vedanta, Mahayana Buddhism, Confucianism,

and Taoism. Topics include the nature of reality, ethical responsibility, and the role of the "self" in creating ignorance and attaining enlightenment.

PHIL-P 200 Problems of Philosophy (3 cr.) P: ENG-W 131. Important problems at the center of rational reflection upon human experience, including issues in ethics, aesthetics, political philosophy, philosophy of religion, metaphysics, epistemology, and/or the history of philosophical thought. Emphasis upon interpretation, critical analysis, and evaluation of philosophical texts from contemporary and/or historical perspectives. Topics vary. Introductory level.

PHIL-P 237 Environmental Ethics (3 cr.) P: ENG-W 131. An introductory consideration of philosophical views regarding the extent of human responsibility for the natural environment.

PHIL-P 240 Business and Morality (3 cr.) P: ENG-W 131. Fundamental issues of moral philosophy in a business context. Application of moral theory to issues such as the ethics of investment, moral assessment of corporations, and duties of vocation.

PHIL-P 250 Symbolic Logic I (3 cr.) Propositional logic and first-order quantificational logic.

PHIL-P 251 Intermediate Symbolic Logic (3 cr.) P: ENG-W 131. Identity, definite descriptions, properties of formal theories, elementary set theory.

PHIL-P 302 Medieval Philosophy (3 cr.) P: ENG-W131; 3 credit hours in philosophy. A survey including Augustine, Boethius, Anselm, Abelard, Bonaventure, Aquinas, Duns Scotus, Ockham, and Nicholas of Cusa.

PHIL-P 304 Nineteenth-Century Philosophy (3 cr.) P: ENG-W 131; 3 credit hours in philosophy. Selected survey of post-Kantian philosophy, including Hegel, Marx, Kierkegaard, Mill.

PHIL-P 306 Business Ethics (3 cr.) A philosophical examination of ethical issues which arise in the context of business. Moral theory will be applied to such problems as the ethical evaluation of corporations, what constitutes fair profit, and truth in advertising.

PHIL-P 310 Topics in Metaphysics (3 cr.) P: ENG-W 131; 3 credit hours of philosophy. Topics such as existence, individuation, contingency, universals and particulars, causality, determinism, space, time, events and change, relation of mental and physical.

PHIL-P 313 Theories of Knowledge (3 cr.) P: ENG-W 131; 3 credit hours in philosophy. Topics such as the nature of knowledge; the relation of knowledge and belief, of knowledge and evidence, of knowledge and certainty; and the problem of skepticism.

PHIL-P 314 Modern Philosophy (3 cr.) P: ENG-W 131; 3 credit hours in philosophy. A study of Western philosophy in the seventeenth and eighteenth centuries, dealing with such philosophers as Bacon, Descartes, Berkeley, Hume, Leibniz, and Kant.

PHIL-P 316 Twentieth Century Philosophy (3 cr.) P: ENG-W 131; 3 credit hours in philosophy. Study of select problems in twentieth century philosophy.

PHIL-P 319 American Pragmatism (3 cr.) P: ENG-W 131; 3 credits of philosophy. Examination of the central doctrines of Peirce, James, Dewey, Mead.

PHIL-P 320 Philosophy and Language (3 cr.) P: ENG-W 131; 3 credit hours in philosophy. A study of selected philosophical problems concerning language and their bearing on traditional problems in philosophy.

PHIL-P 330 Marxist Philosophy (3 cr.) P: ENG-W 131; 3 credit hours in philosophy. An examination of major philosophical issues in Marxist theory. Historical materialism and the critique of idealism in metaphysics, the theory of knowledge, ethics, and social science. Discussion of both classical and contemporary sources.

PHIL-P 333 Philosophy Seminar (3 cr.) P: ENG-W 270 or ENG-W 290; 6 credit hours in philosophy. Careful collaborative study of selected texts from the history of philosophy in a seminar format.

PHIL-P 334 Buddhist Philosophy (3 cr.) P: ENG-W 131; 3 credit hours of philosophy. An examination of the basic philosophical concepts of early Buddhism and their subsequent development in India, Japan, and Tibet. Implications of the Buddhist view of reality for knowledge, the self, and ethical responsibility will be explored.

PHIL-P 335 Phenomenology and Existentialism (3 cr.) P: ENG-W 131; 3 credit hours in philosophy. An overview of the main problems, themes, and foundational texts of Phenomenology and Existentialism, as well as intensive study of the writings of several of the most prominent thinkers in these movements. Selected readings from Buber, Camus, de Beauvoir, Heidegger, Husserl, Jaspers, Kierkegaard, Marcel, Merleau-Ponty, Nietzsche, Sartre, and others.

PHIL-P 336 Analytic Philosophy (3 cr.) P: ENG-W 131; 3 credit hours in philosophy. Selected readings from Russell, Moore, Wittgenstein, Carnap, Ryle, and others. Topics include realism, logical atomism, logical positivism, and ordinary language philosophy.

PHIL-P 338 Philosophy, Technology, and Human Values (3 cr.) P: ENG-W 131; 3 credit hours in philosophy. A philosophical study of the role of technology in modern society, including consideration of the relationships between technology and human values.

PHIL-P 340 Classics in Ethics (3 cr.) P: ENG-W 131; 3 credit hours of philosophy. Readings from Plato and Aristotle to Kant, Mill, and Nietzsche. Topics include virtue and human nature, pleasure and the good, the role of reason in ethics, the objectivity of moral principles, and the relation of religion to ethics.

PHIL-P 342 Problems of Ethics (3 cr.) P: ENG-W 131; 3 credit hours of philosophy. May concentrate on a single large issue (e.g., whether utilitarianism is an adequate ethical theory), or several more or less independent issues (e.g., the nature of goodness, the relation of good to ought, the objectivity of moral judgments, moral responsibility, moral emotions, concepts of virtue, cultural conflicts of value, the nature of moral discourse).

PHIL-P 343 Classics in Social and Political Philosophy (3 cr.) P: ENG-W 131; 3 credit hours in philosophy. Readings from Plato and Aristotle to Hobbes, Locke, Hegel, and Marx. Topics include the ideal state, the nature

and proper ends of the state, natural law and natural right, social contract theory, and the notion of community.

PHIL-P 345 Problems in Social and Political Philosophy (3 cr.) P: ENG-W 131; 3 credit hours in philosophy. Intensive study of one or more problems such as civil disobedience, participatory democracy, conscience and authority, law and morality.

PHIL-P 360 Introduction to the Philosophy of Mind (3 cr.) P: 6 credits in Philosophy, or permission of the instructor. Selected topics from among the following: the nature of mental phenomena (e.g. thinking, volition, perception, emotion); the mind-body problem (e.g. dualism, behaviorism, functionalism), connections to cognitive science issues in psychology; linguistics, and artificial intelligence; computational theories of mind.

PHIL-P 371 Philosophy of Religion (3 cr.) P: ENG-W 131; 3 credit hours of Philosophy. Topics such as the nature of religion, religious experience, the status of claims of religious knowledge, the nature and existence of God.

PHIL-P 374 Early Chinese Philosophy (3 cr.) P: ENG-W 131; 3 credits of philosophy. Origins of Chinese philosophical traditions in the classical schools of Confucianism, Taoism, Mohism, and Legalism. Explores contrasting agendas of early Chinese and Western traditions.

PHIL-P 394 Feminist Philosophy (3 cr.) P: ENG-W 131; 3 credits of philosophy. A study of gender from the perspective of feminist philosophy. Topics include sexism, oppression, body, sex and sexuality, knowledge and value, race and class, as well as various gender-focused themes in popular culture.

PHIL-P 401 History of Philosophy: Special Topics (3 cr.) P: ENG-W 131; 3 credit hours in philosophy. Special topics, such as developing views on one or more of the following subjects: substance, nature, essence, dialectics.

PHIL-P 410 Ancient Greek Philosophy (3 cr.) P: ENG-W 131; 3 credit hours in philosophy. A study of the earliest period of Western philosophy, dealing with such figures as the pre-Socratics, Plato, and Aristotle.

PHIL-P 435 Contemporary Continental Philosophy (3 cr.) P: ENG-W 131; 3 credits of philosophy. Study of the work of philosophers in contemporary continental philosophy, including figures such as Foucault, Derrida, Eco, and Habermas.

PHIL-P 490 Readings in Philosophy (1-3 cr.) P: ENG-W 131; 3 credits of philosophy; and consent of instructor. Intensive study of selected authors, topics, and problems.

PHIL-P 495 Senior Proseminar in Philosophy (1-4 cr.) P: ENG-W 270 or ENG-W 290; 9 credit hours in Philosophy; and senior status. For philosophy majors in their senior year of study. The proseminar will concentrate of issue(s) and figure(s) selected by the student and faculty involved. The emphasis will be on the preparation, formal presentation and discussion of papers.

PHIL-X 303 Introduction to Philosophy of Science (3 cr.) P: ENG-W 131; 3 credits in Philosophy. Scientific explanation, discovery, and theory testing. Do logic and mathematics have empirical content? Philosophical

issues in the sciences: causality, space-time, free will, and science of human behavior.

PHSL-P 130 Human Biology (3 cr.) Basic concepts in human biology. Covers reproduction and development, physiological regulations, stress biology, and behavioral biology, with emphasis on socially related problems.

PHSL-P 215 Basic Mammalian Physiology (5 cr.)

P: ANAT-A 215 or BIOL-L 101 and BIOL-L 102 with grades of C or better OR permission of the instructor. Lab fee required. Functional aspects of cells, tissues, organs, and systems in the mammalian organism. Designed for preprofessional students in allied health, nursing, speech and hearing, and HPER.

PHSL-P 416 Comparative Animal Physiology (3 cr.)

P: BIOL-L 101 and BIOL-L 102 with grade of C or better. C: PHSL-P 418. Lecture course presenting physiological principles of the respiratory, circulatory, excretory, and related systems in a variety of invertebrate and vertebrate animals.

PHSL-P 418 Lab in Comparative Animal Physiology (2 cr.) C: PHSL-P 416. Laboratory experiments using a variety of animals to illustrate physiological principles.

PHYS-P 100 Physics in the Modern World (5 cr.) One year of high school algebra or equivalent is recommended. Ideas, language methods, impact, and cultural aspects of physics today. Four lectures and one two-hour laboratory period each week. Includes classical physics up to physical bases of radar, atomic-energy applications, etc. Beginning high school algebra used. Cannot be substituted for physics courses explicitly designated in specified curricula.

PHYS-P 105 Basic Physics of Sound (3 cr.) One year of high school algebra or equivalent is recommended. The physical principles involved in the description, generation, and reproduction of sound. Topics discussed include physics of vibrations and waves, Fourier decomposition of complex wave forms, harmonic spectra, propagation of sound waves in air, standing waves and resonance, sound loudness and decibels, room acoustics, and sound recording and reproduction, including digital sound. Intended for students majoring in the humanities, social sciences, business, music, and education. Little or no background in science is assumed. Mathematics at the level of one year of high school algebra is used.

PHYS-P 120 Energy and Technology (3 cr.) One year of high school algebra or equivalent is recommended. Provides the physical basis for understanding interaction of technology and society, and for the solution of problems, such as energy use and the direction of technological change. Intended for students majoring in the humanities, social sciences, business, music and education. Little or no background in science is assumed. Mathematics at the level of one year of high school algebra is used.

PHYS-P 201 General Physics: Mechanics, Heat, and Sound (5 cr.) Completion of MATH-M 122 or high school equivalent is recommended prior to enrollment. Newtonian mechanics, wave motion, heat, and thermodynamics. Application of physical principles to related scientific disciplines, especially life sciences. Intended for students preparing for careers in the life sciences and the health

professions. Three lectures, one discussion section, and one two-hour laboratory period each week.

PHYS-P 202 General Physics: Electricity, Magnetism, Light, and Nuclear Physics (5 cr.) P: PHYS-P 201 with a grade of C or better or consent of instructor. Electricity and magnetism; geometrical and physical optics; introduction to concepts of relativity, quantum theory, and atomic and nuclear physics.

PHYS-P 218 General Physics I (4 cr.) Mechanics, conservation laws, gravitation; simple harmonic motion and waves; kinetic theory, heat, and thermodynamics for students in technology fields. Lecture and Lab.

PHYS-P 219 General Physics II (4 cr.) P: PHYS-P 218 or equivalent. Electricity, light, and modern physics. Lecture and Lab.

PHYS-P 221 Physics I (5 cr.) C: MATH-M 215.

Newtonian mechanics, oscillations and waves, heat and thermodynamics.

PHYS-P 222 Physics II (5 cr.) P: PHYS-P 221 with a grade of C or better or consent of instructor. Primarily electricity, magnetism, and geometrical and physical optics.

PHYS-P 301 Physics III (3 cr.) P: PHYS-P 202 or PHYS-P 222 and MATH-M 215 with grade of C or better or consent of instructor or consent of instructor. Third semester of a three-semester sequence. The special theory of relativity; introduction to quantum physics; atomic, nuclear, condensed matter, and elementary particle physics. Intended for science and mathematics majors. Three lecture-discussion periods each week.

PHYS-P 309 Intermediate Physics Laboratory (2 cr.)

P: PHYS-P 202 or PHYS-P 222 and MATH-M 215 with grades of C or better or consent of instructor. Fundamental experiments in mechanics, electricity and magnetism, thermodynamics, optics, and modern physics. Emphasis is placed upon developing basic laboratory skills and data analysis techniques, including computer reduction and analysis of the data.

PHYS-P 310 Environmental Physics (3 cr.) P: PHYS-P 202 or PHYS-P 222 and MATH-M 215 with grades of C or better or consent of instructor. Relationships of physics to current environmental problems. Energy production, comparison of sources and byproducts; energy use, alternative sources, conservation methods; global warming, environmental effects.

PHYS-P 331 Theory of Electricity and Magnetism I (3 cr.)

P: PHYS-P 202 or PHYS-P 222 with grades of C or better or consent of instructor. Electrostatic fields and differential operators, Laplace and Poisson equations, dielectric materials, steady currents, power and energy, induction, magnetic fields, scalar and vector potentials, Maxwell's equations.

PHYS-P 340 Thermodynamics and Statistical Mechanics (3 cr.)

P: PHYS-P 301 with a grade of C or better or consent of instructor. Intermediate course, covering three laws of thermodynamics, classical and quantum statistical mechanics, and some applications.

PHYS-P 441 Analytical Mechanics (3 cr.) P: PHYS-P 301 and MATH-M 313. Elementary mechanics of particles

and rigid bodies, treated by methods of calculus and differential equations.

PHYS-P 453 Introduction to Quantum Mechanics (3 cr.) P: PHYS-P 301 and PHYS-P 331. The

Schrodinger equation with the applications to problems such as barrier transmission, harmonic oscillation, and the hydrogen atom. Discussion of orbital and spin angular momentum and identical particles. Introduction to perturbation theory.

PHYS-S 405 Readings in Physics (1-3 cr.)

C: Department consent required. Independent reading under the supervision of a faculty member. Study in depth of a topic of interest to the student, culminating in a research paper.

PHYS-S 406 Research Project (1-6 cr.) P: For a theoretical research project: PHYS-P 453 or consent of instructor. For experimental research project: PHYS-P 309, or consent of instructor. Research participation under faculty supervision in project of current interest.

PLSC-B 101 Plant Biology (5 cr.) Fundamental principles of biology as illustrated by plants: characteristics of living matter, nutrition, growth, responses to environment, reproduction, basic principles of heredity. This course will not count toward a biology major.

PLSC-B 364 Summer Flowering Plants (5-6 cr.)

P: ENG-W 130 or ENG-W 131, and MATH-M 110 or higher with grades of C or better, OR minimum of 12 credits. For those desiring a broad, practical knowledge of common wild and cultivated plants.

PLSC-B 368 Ethnobotany (Plants and Civilization) (3 cr.) P: ENG-W 130 or ENG-W 131, and MATH-M 110

or higher with grades of C or better, OR minimum of 12 credits. Plants in relation to man, with primary emphasis on food plants.

PLSC-B 370 Plant Physiology (5 cr.) P: ENG-W 130 or ENG-W 131, and MATH-M 110 or higher with grades of C or better, OR minimum of 12 credits. The physiological process of plants.

PLSC-B 373 Plant Growth and Development. (5 cr.)

P: ENG-W 130 or ENG-W 131, and MATH-M 110 or higher with grades of C or better, OR minimum of 12 credits. Examination of growth and development of seed plants from embryo to ovule, with emphasis on experimental studies of abnormal growth.

PLSC-B 375 Horticultural Plants: Biotechnology, Physiology, and Development (5-6 cr.) P: ENG-W

130 or ENG-W 131, and MATH-M 110 or higher with grades of C or better, OR minimum of 12 credits. This course acquaints students with horticultural plants from developmental, physiological, and biotechnological perspectives, along with concrete practice in various skills used in modern horticulture, such as tissue culture, grafting, electrophoresis, and landscape design. Horticulture is the applied biological science involving the use of ornamental and/or fruiting plants in the landscape and garden.

pols-y 106 The Game of Politics (3 cr.) This course will introduce students to the study of politics through the use of historical role playing games. Two to three games from the Reacting to the Past program will be played each

semester. Students in a game will be assigned roles and game objectives: they will need to think strategically, form alliances with other students, and articulate their positions persuasively in order to achieve their goals.

POLS-Y 103 Introduction to American Politics (3 cr.)

Introduction to the nature of government and the dynamics of American politics. Origin and nature of the American federal system, its political party base, public policy, and law.

POLS-Y 105 Introduction to Political Theory (3 cr.)

Perennial problems of political philosophy, including relationships between rulers and ruled, nature of authority, social conflict, law and morality, economic issues, and democracy.

POLS-Y 107 Introduction to Comparative Politics (3 cr.)

Examines countries around the world to investigate fundamental questions about politics. Topics include democratic development, promotion of economic prosperity, maintenance of security, and management of ethnic and religious conflict. Critical thinking skills encouraged. Cases for comparison include advanced industrialized democracies, communist and former communist countries, and developing countries.

POLS-Y 109 Introduction to International Relations (3 cr.)

Causes of war, nature and attributes of the state, imperialism, international law, national sovereignty, arbitration, adjudication, international organizations, major international issues.

POLS-Y 200 Contemporary Political Problems (1-6 cr.)

Topics vary from semester to semester and are listed in the Schedule of Classes.

POLS-Y 205 Analyzing Politics (3 cr.)

Introduces the approaches and techniques used to study politics. Includes an introduction to social science language, concepts and critical research skills. Overview of political science research and approaches, including case study, surveys, and model-building. Emphasizes skills such as interpreting the presentation of data in charts, graphs, and tables, and elementary analysis of qualitative and quantitative data.

POLS-Y 301 Political Parties and Interest Groups (3 cr.)

Examination and evaluation of the behavior of political parties, voters, and interest groups and of other institutions and procedures by which Americans try to control their government.

POLS-Y 302 Public Bureaucracy in Modern Society (3 cr.)

Examines public bureaucracy as a political phenomenon engaging in policy making and in defining the terms of policy issues; places special emphasis on the United States. Considers the role of bureaucratic instruments in promoting social change, and in responding to it.

POLS-Y 303 Formation of Public Policy in the United States (3 cr.)

R: POLS-Y 103. Processes and institutions involved in the formation of public policy in American society.

POLS-Y 304 Constitutional Law (3 cr.)

R: POLS-Y 103. Nature and function of law and the American court system; selected Supreme Court decisions interpreting American constitutional system.

POLS-Y 305 Constitutional Rights and Liberties (3 cr.)

R: POLS-Y 103. Nature and function of law and the American court system; selected Supreme Court decisions interpreting the American constitutional system.

POLS-Y 306 State Politics in the United States (3 cr.)

Comparative study of politics in the American states. Special emphasis on the impact of political culture, party systems, legislatures, and bureaucracies on public policies.

POLS-Y 317 Voting, Election and Public Opinion (3 cr.)

Determinants of voting behavior in elections. The nature of public opinion on major domestic and foreign policy issues; development of political ideology; other influences on the voting choices of individuals and the outcomes of elections; relationships among public opinion, elections, and the development of public policy.

POLS-Y 319 The United States Congress (3 cr.)

Evaluation and development of the contemporary Congress. Examines such topics as electoral process, organizational structures and procedures of the Senate and House of Representatives, involvement of Congress with other policy-making centers, law-making and oversight activities of the national legislature.

POLS-Y 324 Women and Politics (3 cr.) Analysis of gender and sexual orientation in contemporary political systems, domestic or foreign, with emphasis on political roles, participation, and public policy. Normative or empirical examination of how political systems affect different genders and the impact of people with different genders or sexual orientations on the system(s). Topics vary by semester.

POLS-Y 335 West European Politics (3 cr.) R: POLS-Y 107 Examines different political systems in Europe. Highlights democratic alternatives in institutions and processes of liberal democracies.

POLS-Y 337 Latin American Politics (3 cr.) R: POLS-Y 107 and POLS-Y 109. Analysis of political change in major Latin American countries, emphasizing alternative explanations of national development; brief historical overview with examination of the impact of political culture, the military, labor, political parties, peasant movements, the Catholic Church, multinational corporations, and the United States on politics and the study of public policy processes in democratic and authoritarian regimes.

POLS-Y 349 Comparative Public Policy (3 cr.) R: POLS-Y 107 Investigates public policies and policy making among advanced industrial democracies from a comparative perspective. Usually covers policy areas such as immigration, health care, education, and taxation.

POLS-Y 351 Political Simulations (1-3 cr.)

P: Permission of instructor. A course tied to simulations of international organizations such as the United Nations, the League of Arab States, or the European Union. May be taken alone or in conjunction with related political science courses.

POLS-Y 354 Nationalism in Europe (3 cr.) R: POLS-Y 107 and/or POLS-Y 109. Examines the politics surrounding ethnicity, ethnic minorities, and nationalism in Europe. Covers both indigenous and immigrant groups.

POLS-Y 360 United States Foreign Policy (3 cr.) R:

POLS-Y 103 and POLS-Y 109. Analysis of institutions and processes involved in the formation and implementation of American foreign policy. Emphasis is on post-World War II policies.

POLS-Y 369 Introduction to East Asian Politics (3 cr.)

R: POLS-Y 107. This course examines the political diversity in Asia, a region of growing global importance, by exploring governing structures and processes, political culture and ideologies, and the forces shaping them. Case studies may include China, Japan, Korea, Vietnam, and India.

POLS-Y 376 International Political Economy (3 cr.) R:

ECON-E 200 and POLS-Y 107 or POLS-Y 109. Study of how the international political system determines the nature of international economic relations. Focus is on the following: (1) trade and monetary regimes, (2) the role of multinational corporations; (3) global action, (4) relations between wealthy countries, and (5) relations between wealthy and poor countries.

POLS-Y 379 Ethics and Public Policy (3 cr.) This course examines the ethical responsibilities of public officials in democratic societies. It explores such topics as the meaning of moral leadership, the appeal to personal conscience in public decision making, and the problem of "dirty hands" among others. A special concern is how institutional arrangements affect moral choices.

POLS-Y 384 Developments in American Political Thought (3 cr.) R: POLS-Y 105.

Study of the development of American political thought from colonial times to the contemporary period. This course will explore such topics as the nature and evolution of American liberalism, capitalism, and egalitarianism.

POLS-Y 387 Research Methods in Political Science (3 cr.)

This course focuses on basic concepts of social science research. Students will become familiar with research techniques necessary for systematic analysis of social service systems, trends in social issues, and program effectiveness. This course must be taken from an IU Southeast faculty member.

POLS-Y 388 Marxist Theory (3 cr.) Origin, content, and development of Marxist system of thought, with particular reference to philosophical and political aspects of Russian Marxism.

POLS-Y 392 Problems of Contemporary Political Philosophy (3 cr.) R: POLS-Y 105.

This course will provide the opportunity for an in-depth study of some particularly important questions in contemporary political philosophy. In the process of examining contemporary literature, such as communicationism, we will shed light on questions like - has political philosophy gone silent on the critical events of our times?

POLS-Y 401 Studies in Political Science (2-3 cr.) Topic varies with the instructor and year. Consult the Schedule of Classes for current information.

POLS-Y 402 Politics of the Budgetary Process (3 cr.)

R: POLS-Y 302. Examines the interactions among the legislative, executive, and administrative aspects of the budgetary process in national, state, and local

governments. Emphasis placed on the politics of the budgetary process.

POLS-Y 403 Legal Issues in Public Bureaucracy (3 cr.) R: POLS-Y 302. Study of the legal framework of public bureaucracies, their powers, functions, and roles. Analyzes relevant cases in which basic principles are identified and synthesized along with other elements of public law.

POLS-Y 404 Political Issues in Public Personnel Administration (3 cr.) R: POLS-Y 302. Examines the political framework in which public agencies hire, train, motivate, promote, and discipline their employees. Also examines the historical legal development of public personnel management.

POLS-Y 471 Terrorism (3 cr.) This course will focus on the problems in defining terrorism; the causes of terrorism; the nature of terrorist organizations (resources, structure, methods, goals); the media and terrorism; and policies and policy responses to terrorism. The course will focus on both domestic (within the United States) and international case studies of terrorism.

POLS-Y 480 Undergraduate Readings in Political Science (1-6 cr.) P: Written consent of Instructor. Individual readings and research.

POLS-Y 481 Field Experience in Political Science (1-6 cr.) P: Junior or senior standing, 15 credit hours of political science, and project approved by instructor. Faculty-directed study of aspects of the political process based on field experience. Directed readings, field research, and research papers. Certain internship experiences may require research skills.

POLS-Y 490 Senior Seminar in Political Science (3 cr.) P: Senior standing, POLS-Y 103, and POLS-Y 389. Research paper required. Seminar sessions arranged to present papers for evaluation and criticism by fellow students. Subject matter varies by semester.

POLS-Y 498 Honors Readings in Political Science (1-6 cr.) P: Authorization of Instructor. To be taken in conjunction with advanced political science courses to meet the requirement of Political Science Honors Program.

POLS-Y 499 Reading for Honors (1-12 cr.) P: Approval of instructor. Individual readings and research for students admitted to the Political Science Honors Program.

POLS-Y 567 Public Opinion: Approaches & Issues (3 cr.) This course is an exploration of the role, application, and measurement of public opinion. Special attention is given to measurement of opinion as it impacts decision-making by both the public and various elements of societal leadership.

POLS-Y 675 Political Philosophy (3 cr.) Illustrative topics: analysis of political concepts; political theory of the Enlightenment; 19th-century political thought; welfare state; theory and practice; Marxist theory.

PSY-B 308 Family Psychology (3 cr.) Family psychology examines how family of origin experiences influence the development of the self. This course will provide students with a basic understanding of systems theory and the life cycle of families. The characteristics of healthy versus unhealthy family dynamics will be explored

and an understanding of how family interactions shape individual development will be gained. Students will gain a fundamental understanding of current family therapy theories and techniques.

PSY-B 310 Life-Span Development (3 cr.) P: 3 credit hours in psychology. This course emphasizes the life span perspective of physical and motor, intellectual and cognitive, language, social and personality, and sexual development. Commonalities across the life span as well as differences among the various segments of the life span are examined. Theory, research, and practical applications are equally stressed.

PSY-B 354 Adult Development and Aging (3 cr.) P: 6 credit hours in Psychology. The course content examines changes that occur with age in the following areas: intelligence, memory, personality, sexuality, health, living environments, economics, developmental disorders, and treatment for developmental disorders.

PSY-B 366 Concepts and Applications of Organizational Psychology (3 cr.) P: 3 credit hours in psychology or consent of instructor. The study and application of psychological principles to understand human behavior in the work setting. Emphasis on the role of psychological theory and research methodology in solving human behavior problems in the workplace. Specific areas of coverage include work motivation, job satisfaction, employee involvement, communication, leadership, team effectiveness, work and well-being, organizational structure and culture.

PSY-B 378 Introduction to Industrial Psychology (3 cr.) P: 3 credit hours in psychology or consent of instructor. The design and application of psychological analysis and research methods to address personnel issues including recruitment, selection, placement, training and development, compensation, evaluation, and safety. Emphasis on interviewing skills, research methods, performance analysis and improvement, ergonomic solutions, and legal issues.

PSY-B 386 Introduction to Counseling (3 cr.) P: PSY-P 324 This course will help students acquire a repertoire of basic counseling interview skills and strategies and expose students to specific helping techniques. This will be an activity based course and students will enhance the general education goals of listening and problem solving.

PSY-B 388 Human Sexuality (3 cr.) P: 6 credit hours in Psychology. A survey of human sexuality to increase knowledge and comfort regarding sexuality in a variety of aspects, i.e. sexual behavior and response, influences of culture and environmental factors, psychological issues, disability effects on sexuality, sexual research, anatomy and physiology.

PSY-B 452 Senior Seminar in Psychology (3 cr.) P: Senior status, completion of PSY-P250/P251 or PSY-P341/P342, and consent of instructor. Topics in psychology and interdisciplinary applications.

PSY-G 532 Group Counseling (3 cr.) This course explores the practical and theoretical concepts of group theories, dynamics, process, and stages of group counseling and integrates interpersonal communication styles, fundamental group strategies; group facilitation along with clinical training/skills building that will prepare

future group leaders. Special attention is given on the use of group therapy with addictive/ substance-related disorders. This course incorporates laboratory experiences and students are required to explore interpersonal factors as they contribute to counseling skills and techniques. Current issues, controversies, and ethics in group counseling will be examined.

PSY-G 563 Foundations of Mental Health Counseling (3 cr.)

This course explores the foundations and contextual dimensions of mental health counseling. Course material will include theoretical underpinnings of mental health counseling, the counselor's role in diagnosis and intervention selection, and the contemporary trends in mental health counseling.

PSY-P 101 Introduction to Psychology 1 (3 cr.)

Introduction to research methods, data, and theoretical interpretation of psychology in the areas of learning, sensation and perception, and behavioral neuroscience.

PSY-P 102 Introduction to Psychology 2 (3 cr.)

Continuation of P101. Developmental, social, personality, and abnormal psychology.

PSY-P 199 Planning Your Psychology Career (1 cr.)

P: 6 credit hours in Psychology. Intended for Psychology majors only. Where do you want to be 10 years from now? How can you get there? Information for undergraduate majors to help them intelligently organize their undergraduate studies. Information about what psychologists do, professional and practical issues in career choice, course selection, intern/research experience, and planning a course of study.

PSY-P 220 Introduction to Drugs and Behavior (3 cr.)

Introductory discussion of basic human neuroanatomy and the influence of drugs on the brain and behavior. The study of social and clinical aspects of drug use is covered.

PSY-P 234 Principles of Mental Health (3 cr.)

P: 3 credit hours of psychology. Development and maintenance of mental health by application of psychological and psychiatric principles of normal human behavior.

PSY-P 301 Psychology and Human Problems (3 cr.)

P: Junior standing. Contemporary human problems considered from a psychological perspective. Representative topics include stress, creativity, environmental impact, behavior control, volunteerism, and drug usage.

PSY-P 303 Health Psychology (3 cr.)

P: 6 credit hours in psychology. Focuses on the role of psychological factors in health and illness. Through readings, lecture, and discussion, students will become better consumers of research on behavior-health interactions and develop a broad base of knowledge concerning how behaviors and other psychological factors can impact health both positively and negatively.

PSY-P 305 Psychology and Cultures (3 cr.)

P: 6 credit hours in Psychology; or consent of instructor. Methods and findings of cross-cultural psychology. Sensitization to cross-cultural and sub-cultural variations and the impact of culture in understanding human behavior. Cultural competence development.

PSY-P 316 Psychology of Childhood and Adolescence (3 cr.)

P: 6 credit hours of Psychology. Development of

behavior in infancy, childhood, and youth; factors that influence behavior.

PSY-P 319 Psychology of Personality (3 cr.)

P: 6 credit hours in psychology. R: PSY-P 102. Methods and results of scientific study of personality. Basic concepts of personality traits and their measurement; developmental influences; problems of integration.

PSY-P 320 Social Psychology (3 cr.)

P: 6 credit hours in Psychology. Principles of scientific psychology applied to the individual in a social situation.

PSY-P 321 Group Dynamics (3 cr.)

P: 6 credit hours in psychology. Exposes the student to interpersonal processes inherent in group settings. Topics may include group psychotherapy, social factors in groups, group decision making or group violence. Particular focus of course may vary with instructor.

PSY-P 322 Psychology in the Courtroom (3 cr.)

P: 6 credit hours in Psychology. This course considers the psychological aspects of roles and interactions in the courtroom. Topics include definitions of "sanity" and "competency," eyewitness testimony, jury selection, psychological autopsies, and the psychologist as "expert witness."

PSY-P 324 Abnormal Psychology (3 cr.)

P: 6 credit hours in psychology. R: PSY-P 102. A first course in adult abnormal psychology; including forms of abnormal behavior, etiology, development, interpretations, and final manifestations.

PSY-P 325 Psychology of Learning (3 cr.)

P: 6 credit hours in psychology. Facts and principles of human and animal learning, especially as treated in theories that provide a general framework for understanding what learning is and how it takes place.

PSY-P 326 Behavioral Neuroscience (3 cr.)

P: 6 credit hours in Psychology. R: BIOL-L 100, BIOL-L 105, or AHLT-M 330. An examination of the cellular bases of behavior, emphasizing contemporary views and approaches to the study of the nervous system. Neural structure, function, and organization are considered in relation to sensory and motor function, motivation, learning, and other basic behaviors.

PSY-P 329 Sensation and Perception (3 cr.)

P: 6 credit hours in psychology. R: BIOL-L 100, BIOL-L 105, or AHLT-M 330. Basic data, theories, psychophysics, illusions, and other topics fundamental to understanding sensory and perceptual processes.

PSY-P 335 Cognitive Psychology (3 cr.)

P: 6 credit hours in psychology. Introduction to human cognitive processes, including attention and perception, memory, psycholinguistics, problem solving, and thinking.

PSY-P 336 Psychological Tests and Individual Differences (3 cr.)

P: PSY-P 250 or PSY-P 341. Principles of psychological testing. Representative tests and their uses for evaluation and prediction. Emphasis on concepts of reliability, validity, standardization, norms, and item analysis.

PSY-P 340 Sleep and Dreams (3 cr.)

P: PSY-P 101. This course is designed to provide you with an essential understanding of sleep and dreams, and their importance in our daily lives. Course content includes theories of

sleep and dreams, the biological basis of sleep and dreams, biological rhythms, the relationship between sleep and daytime alertness and performance, sleep requirements, sleep deprivation, sleep disorders, the role of sleep and dreams in mental/physical health, the relationship between sleep and both cognitive and emotional functioning, dream content and meaning, dreaming and creativity, lucid dreaming, and the impact of sleep deprivation and sleep disorders on academic and social life.

PSY-P 341 Research and Quantitative Methods in Psychology I (3 cr.) P: 6 credit hours in Psychology; and MATH-M 101 or higher, or math placement into MATH-M 118 or higher. Course is designed to enable students to become both a user and an informed consumer of basic statistical techniques used in psychological research. Students will also learn to design and critique the methodology of psychological research. Preparation of research proposals/reports using statistical analysis and knowledge of research methods is required. This course is the first semester of a two-semester course and must be taken the semester before taking P 342. Should be taken prior to enrolling in other 300- and 400-level psychology courses.

PSY-P 342 Research and Quantitative Methods in Psychology II (3 cr.) P: PSY-P341. Course is a continuation of P 341 that includes statistical analysis, research methods, and proposal/report writing used in psychological research. This course is the second half of a two-semester course and must be taken the semester after P 341. Should be taken before enrolling in other 300- and 400-level psychology courses.

PSY-P 346 Neuroscience (3 cr.) P: 6 credit hours of Psychology. A survey of contemporary neuroscience, examining the neural basis of behavior with approaches including molecular, cellular, developmental, cognitive, and behavioral neuroscience. Sensory and motor function, learning and memory, and other behaviors are considered using anatomical, physiological, behavioral, biochemical, and genetic approaches, providing a balanced view of neuroscience.

PSY-P 351 Psychobiology, Self, and Society (3 cr.) P: 3 credit hours in Psychology. The physiological and neural bases of selected behavioral processes (for example, hunger, thirst, sleep, addiction, aggression, sex) will be examined as a means of understanding individual behavior and then in relation to larger, related issues of ethics, law, and societal organization.

PSY-P 354 Statistical Analysis in Psychology (3 cr.) P: PSY-P101, PSY-P102, or 6 credit hours in Psychology, and either MATH-K300, PSY-P250/P251, or PSY-P341/P342. Use of statistics in psychological work, including multivariate statistical methods. Understanding of statistics as they are presented in the psychological literature. Use of computer statistical software package to analyze psychological data.

PSY-P 363 Psychology in the Schools (3 cr.) P: 6 credit hours in Psychology. This course is an introduction to the field of School Psychology. It focuses on the history of the profession and examines the role and function of school psychologists. Introduced early in the semester, theory (behavior theory and social learning theory) and multicultural diversity permeate all course activities and

discussion. The course also provides an overview of the organization and operations of schools, and topics include the role of special education, ethical and legal issues, and school psychologists as data-based problem-solvers.

PSY-P 380 Ethical Issues in Psychology (3 cr.) P: 6 credit hours in psychology. This course introduces students to methods of ethical reasoning, as well as ethical principles and laws that arise in the practice of psychology in academic, research, and clinical settings.

PSY-P 407 Drugs and the Nervous System (3 cr.) P: PSY-P 326. Introduction to the major psychoactive drugs and how they act upon the brain to influence behavior. Discussion of the role of drugs as therapeutic agents for various clinical disorders and as probes to provide insight into brain function.

PSY-P 408 Brain and Cognition (3 cr.) P: PSY-P 326. Discussion of the brain systems involved in cognition and perception. Emphasis upon understanding the anatomy and function of cerebral cortex. Consideration of neural models of brain function.

PSY-P 411 Neural Bases of Learning and Memory (3 cr.) P: PSY-P 326. This course will survey the major work in the field of the neurobiology of memory, approaching the subject from anatomical, physiological, and neurochemical perspectives. Topics covered will include animal models of memory that have proven useful in this research, as well as what has been learned from humans with brain damage and from brain-imaging studies. The facts and fiction of memory-enhancing drugs will also be discussed.

PSY-P 417 Animal Behavior (3 cr.) P: 6 credit hours in Psychology. Methods, findings, and interpretations of recent investigations of animal behavior.

PSY-P 425 Behavioral Disorders of Childhood and Adolescence (3 cr.) P: PSY-P 324. A survey of major behavior disorders, with emphasis on empirical research and clinical description relative to etiology, assessment, prognosis, and treatment.

PSY-P 430 Behavior Modification (3 cr.) P: 6 credit hours in Psychology. Principles, techniques, and applications of behavior modification, including reinforcement, aversive conditioning, observational learning, desensitization, self-control, and modification of cognitions.

PSY-P 438 Language and Cognition (3 cr.) P: PSY-P 335. This course surveys the major themes that characterize psycholinguistics. Emphasizes the mental processes that underlie ordinary language use, the tacit knowledge that native English speakers have of their language, and the processes by which children acquire language.

PSY-P 440 Topics in Cognitive Psychology (3 cr.) P: PSY-P 335. Seminar courses in current areas of research in cognitive psychology. Specific topic determined by instructor offering the course.

PSY-P 442 Infant Development (3 cr.) P: 6 hours in Psychology. Surveys cognitive, socioemotional, and perceptual-motor development during the first two years of life. Emphasis is on theory and research addressing

fundamental questions about the developmental process, especially the biological bases for developmental change.

PSY-P 454 Field Experience in International Psychology (3 cr.) P: 6 credit hours in Psychology. Examines clinical psychology from a multi-national perspective using applied research methodology. In addition to attending lectures and contributing to a research lab, students will be required to participate in a travel abroad component for this course.

PSY-P 457 Topics in Psychology (1-3 cr.) P: Junior or senior standing or consent of instructor. Studies in special topics not usually covered in other department courses. Topics vary with instructor and semester.

PSY-P 459 History and Systems of Psychology (3 cr.) P: PSY-P 101 and PSY-P 102, or 6 credit hours in Psychology; and 6 additional credit hours in psychology. Historical background and critical evaluation of major theoretical systems of modern psychology: structuralism, functionalism, associationism, behaviorism, Gestalt psychology, and psychoanalysis. Methodological problems of theory construction and system making. Emphasizes integration of recent trends.

PSY-P 460 Women: A Psychological Perspective (3 cr.) P: 6 credit hours in psychology. Focus is on a wide range of psychological issues of importance to women (e.g., gender stereotypes, women and work, the victimization of women, etc).

PSY-P 461 Human Memory (3 cr.) Research, theory and data on human memory and information-processing models of memory.

PSY-P 477 Applied Research in Psychology (1-6 cr.) P: PSY-P 250 or P341 or consent of instructor. This course will provide an in depth investigation of research methods and their associated statistical procedures. Special emphasis is placed upon the translation of research findings to applied settings. The topic to be investigated will vary.

PSY-P 488 Environmental Psychology and Sustainable Living (3 cr.) Environmental psychology is an interdisciplinary field concerned with how the physical environment and human behavior interrelate. Most of the course focuses on how our environments in both urban and natural settings affect human health and well-being. Students also examine how human attitudes and behaviors affect environmental quality and our larger global ecosystem.

PSY-P 493 Supervised Research I (0-3 cr.) P: PSY-P 250/P251 or PSY-P 341/342 or consent of the instructor. Active participation in research. An independent experiment of modest magnitude, or participation in ongoing research in a single laboratory.

PSY-P 494 Supervised Research II (2 cr.) P: PSY-P 493. A continuation of P493. Course will include a journal report of the 2 semesters of work.

PSY-P 495 Readings and Research in Psychology (1-3 cr.) P: Consent of instructor. S/F grading.

PSY-P 502 Developmental Psychology (3 cr.) An advanced introduction to the theory and experimental

analysis of ontogenetic processes. Special emphasis on human development.

PSY-P 503 Complex Cognitive Processes (3 cr.) A survey of topics in human information processing including attention, short-term storage, long-term retention, retrieval from memory, concept attainment, problem solving, speech perception, and psycholinguistics.

PSY-P 505 Physiological Psychology (3 cr.) Intensive introduction to physiological psychology, with special emphasis on its relation to other areas of psychology.

PSY-P 511 Seminar in Professional Skills, Legal Issues and Ethics (3 cr.) This course provides a critical analysis of professional issues and the ethical and legal standards in the practice of psychology. Traditional and emerging practice areas will be discussed. Topics such as professional codes of ethics, legal restrictions, licensure, prescription drug privileges, managed care, and treatment efficacy research will be explored. Ethical standards and decision-making will be studied in the context of professional practice.

PSY-P 512 Seminar in Grant Writing (3 cr.) The overall objective for this course is to give you the tools to help you successfully compete for grant funds for organizations, schools, non-profit agencies, community service groups, and businesses.

PSY-P 535 Introduction to Addictions Counseling (3 cr.) This course serves as an introduction to the field of counseling and human development services, with a special focus on addictions.

PSY-P 540 Principles of Psychology Assessment and Predicting (3 cr.) Concepts of validity and reliability. Diagnostic devices viewed as bases for decisions. Classification. Comparison of methods of making predictions about individuals.

PSY-P 541 Methods of Survey Research (3-4 cr.) The course does not assume much prior statistical knowledge; it is designed to enable students to be both users and informed consumers of basic methodological and statistical techniques used in survey research. It covers sample selection, survey design, and analysis of survey data.

PSY-P 624 Principles of Psychopathology (3 cr.) Description of the phenomena of psychopathology and principles associated with their classification.

PSY-P 632 Introduction to Clinical Intervention (3 cr.) This course provides a systematic integration of theory, research, technique, and evaluation. Based on the available research literature, time-limited and structured interventions for specific clinical problems are designed, administered, and evaluated.

PSY-P 690 Practicum in Clinical Psychology (1 cr.) Community behavioral health clinical practicums.

PSY-P 736 Child Psychopathology (3 cr.)

REL-R 152 Jews, Christians, Muslims (3 cr.) Patterns of religious life and thought in the West; continuities, changes, and contemporary issues.

REL-R 153 Religions of Asia (3 cr.) Introduction to the religious traditions of Asia as integral to culture and

society. Examines sacred stories, beliefs, values, and practices from multiple Asian religions in historical and comparative perspectives. Reveals how concepts of how the world works and what it means to be human vary across time and place, influencing domains not conventionally deemed religious in the U.S.

REL-R 160 Religion and American Culture (3 cr.)

Traditional patterns of encounter with the sacred. Secularization of Western culture. Religious elements in contemporary American culture.

REL-R 170 Religion, Ethics, and Public Life (3 cr.)

Western religious convictions and their consequences for judgments about personal and social morality, including such issues as sexual morality, medical ethics, questions of socioeconomic organization, and moral judgments about warfare.

REL-R 180 Introduction to Christianity (3 cr.) Survey of beliefs, rituals, and practices of the Christian community with a focus on the varieties of scriptural interpretation, historical experience, doctrine, and behavior.

REL-R 200 Studies in Religion (3 cr.) Select intermediate studies in religion. Interdisciplinary studies emphasized.

REL-R 210 Introduction to Old Testament/Hebrew Bible (3 cr.) Development of its beliefs, practices, and institutions from the Patriarchs to the Maccabean period. Introduction to the Biblical literature and other ancient Near East documents.

REL-R 220 Introduction to New Testament (3 cr.) Origins of the Christian movement and development of its beliefs, practices, and institutions in the first century. Primary source is the New Testament, with due attention to non-Christian sources from the same environment.

REL-R 245 Introduction to Judaism (3 cr.) The development of post-Biblical Judaism: major themes, movements, practices, and values.

REL-R 257 Introduction to Islam (3 cr.) Introduction to the "religious world" of Islam: the Arabian milieu before Muhammad's prophetic call, the career of the Prophet. Quran and hadith, ritual and the "pillars" of Muslim praxis, legal and theological traditions, mysticism and devotional piety, reform and revivalist movements.

REL-R 280 Speaking of God (3 cr.) Theology, as the study of the first principle, ground of being, the good, the One, etc., as appearing in various traditions.

REL-R 327 Christianity 50-450 (3 cr.) The emergence of Christianity as a distinct religion in the Roman empire through the fifth century: development of offices and rituals; persecution and martyrdom; Constantine and Catholic orthodoxy; monasticism; major thinkers and theological controversies; the transition to the Middle Ages.

REL-R 331 Christianity, 1500-2000 (3 cr.) Major figures and movements in the Reformation, Counter-Reformation, and modern periods.

REL-R 335 Religion in the United States, 1600-1850 (3 cr.) Development of religious life and thought in early America, from the beginnings to 1850.

REL-R 336 Religion in the United States, 1850-Present. (3 cr.) Development of religious life and thought in modern America, from 1850 to the present.

REL-R 345 Religious Issues in Contemporary Judaism (3 cr.) Religious problems confronting Jews and Judaism in our own time: women and Judaism, the impact of the Holocaust on Judaism, contemporary views of Zionism, religious trends in American Judaism.

REL-R 354 Buddhism (3 cr.) Historical survey of Buddhism from its origins in India through its diffusion throughout Asia in subsequent centuries. Emphasis on practice (ritual, meditation, and ethics) and social grounding (including individual roles and institutional structures) as well as on doctrinal debates.

REL-R 358 Introduction to Hinduism (3 cr.) Beliefs, rites, and institutions of Hinduism from the Vedic (c. 1200 B.C.) to modern times: religion of the Vedas and the Upanishads; epics and the rise of devotional religion; philosophical systems (Yoga and Vedanta); sectarian theism; monasticism; socioreligious institutions; popular religion (temples and pilgrimages); modern Hindu syncretism.

REL-R 362 Religion in Literature (3 cr.) Theological issues raised in literature. Function of religious myth and central religious themes, such as damnation, alienation, pilgrimage, quest, conversion, enlightenment. May be repeated once for credit with a different topic.

REL-R 364 Topics in Gender and Western Religion. (3 cr.) Basis for and substance of the feminist critique of Western religions. Examines feminist arguments with religious texts, traditions, patterns of worship, expressions of religious language, and modes of organization. Examination of alternatives.

REL-R 371 Religion, Ethics, and the Environment (3 cr.) Exploration of relationships between religious world views and environmental ethics. Considers environmental critiques/defenses of monotheistic traditions; selected non-Western traditions, the impact of secular "mythologies," philosophical questions, and lifestyle issues.

SCI-S 103 Bystander Intervention (1 cr.) Focusing on bystander intervention awareness, this course examines the "bystander effect" and intervention strategies. College students may very well witness or be victims of sexual violence and this course empowers students with the knowledge to safely prevent sexual assault and learn about healthy sexual and dating relationships. Students will learn about various forms of sexual violence and the relevant resources and policies on IU Southeast's campus.

SOC-R 318 The Self and Social Interaction (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. The course will examine the reciprocal link between the individual and society; more specifically, how individuals are affected by group behavior, and how the group is affected by the individual. Topics include: Socialization, the development of the self, social interaction, group dynamics, collective behavior and social movements.

SOC-R 319 Sport & Society (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Explores the institution of sport from a sociological point of view, including sports as an agent of socialization, sports in

everyday life, race, class, and gender and sports, and sports as an institution.

SOC-R 320 Sexuality and Society (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Provides a basic conceptual scheme for dealing with human sexuality in a sociological manner.

SOC-R 322 Art & Society (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Explores the creation of art from a sociological point of view, including how artists and artworks are shaped by their societies, the art world as a social institution, and other key cultural institutions that shape artistic creation and reception.

SOC-R 326 Masculinity & Society (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Analysis of the meanings of masculinity. The major focus of the course is to examine how male gender roles impact the lives of men including: influences on men's behavior, identities and interactions with other men and women. Variations by social class, race/ethnicity, age and sexual orientation will be examined.

SOC-R 327 Sociology of Death & Dying (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. An analysis of historical, social and psychological forces influencing human mortality. Topics include: changing images of death and dying, technology's dehumanization of dying, hospices, funerals, grief, widowhood, children's death, suicide, genocide, and the social structure's influence on the death and dying process.

SOC-R 463 Inequality and Society (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Presentation of conservative, liberal, and radical theories of class formation, class consciousness, social mobility, and consequences of class membership. Emphasis on the American class system, with some attention given to class systems in other societies.

SOC-S 163 Social Problems (3 cr.) Major social problems in areas such as the family, religion, economic order; crime, mental disorders, civil rights; racial, ethnic, and international tensions. Relation to structure and values of larger society.

SOC-S 199 Careers in Sociology (1 cr.) This course provides information on what students can do with a sociology undergraduate major. The course will help students see their undergraduate coursework as part of their path to graduate school, professional school, and careers of interest (with or without additional schooling). We will address professional and practical issues in career choice, course selection, internship and research experiences, and will help students plan a course of study, internships and activities to reach their goals.

SOC-S 203 Sociological Concepts and Perspectives (3 cr.) This course is designed to be a survey of important sociological concepts. Topics covered will include: the development of sociology and major theoretical perspectives; the scientific methods and sociological research; cultural, society and the social structure; the process of socialization and everyday interaction; groups dynamics and formal organizations; deviance and social control; an overview of several selected social institutions; collective behavior, social movements and the process of social change.

SOC-S 215 Social Change (3 cr.) Introduction to theoretical and empirical studies of social change. Explores issues such as modernization; rationalization; demographic, economic and religious causes of change; reform and revolution.

SOC-S 260 Intermediate Sociological Writing (3 cr.) P: SOC-S 163. C: SOC-S 381. Class restricted to sociology majors. Introduction to the analysis of social issues. Emphasis on the development of writing skills appropriate to the discipline. Approved by Arts and Sciences for use in fulfilling the writing requirement.

SOC-S 301 Topics in Gender (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Specific topics announced each semester; examples include gender in the media, religion and gender, gender and work, gender and health, gender and politics.

SOC-S 304 Global Issues in Gender (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. This course will provide a general introduction to social issues from around the world with a focus on gender.

SOC-S 305 Population and Human Ecology (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Population composition, fertility, mortality, natural increase, migration; history, growth, and change of populations; population theories and policies; techniques of manipulation and use of population data; the spatial organization of populations.

SOC-S 308 Global Society (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Multinational corporations, new information technologies, and international trade have made the world increasingly interdependent. This course considers how business, technology, disease, war, and other phenomena must be seen in global context as affecting national sovereignty, economic development and inequality in resources and power between countries.

SOC-S 309 The Community (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Sociological definitions of community; theories of community and community organization; social, political, and economic factors that contribute to community organization and disorganization; alternative models of community development and planning.

SOC-S 312 Education and Society (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology or consent of instructor. The role of educational institutions in modern industrialized societies, with emphasis on the functions of such institutions for the selection, socialization, and certification of individuals for adult social roles. Also covers recent educational reform movements and the implications of current social policies on education.

SOC-S 313 Religion and Society (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Considers the functions and dysfunctions of religion generally, its economic and cultural patterns, religious group evolutions (cults, churches, sects, denominations), leadership deviance, and conversion/faith maintenance.

SOC-S 314 Social Aspects of Health and Medicine (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Group characteristics in the causation, amelioration, and prevention of mental and physical

illness, and the social influences in medical education, medical practice, and hospital administration.

SOC-S 315 Work and Occupations (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Sociological perspective on work roles within such organizations as factory, office, school, government, and welfare agencies; career and occupational mobility in work life; formal and informal organizations within work organizations; labor and management conflict and cooperation; problems of modern industrial workers; and how work has changed over time.

SOC-S 319 Science and Society (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology or consent of instructor. Issues such as development and structure of the scientific community; normative structure of science; cooperation, competition, and communication among scientists; scientists' productivity, careers, and rewards; development of scientific specialties; and relationship between science and society.

SOC-S 331 Sociology of Aging (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Social aspects of aging and older adulthood. Topics include myths about aging, the process of aging; sexual behavior, social behavior, social relationships, family relationships, religious activities, and leisure of the elderly.

SOC-S 335 Race and Ethnic Relations (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Relations between racial and ethnic minority and majority groups; psychological, cultural, and structural theories of prejudice and discrimination; comparative analysis of diverse systems of intergroup relations.

SOC-S 338 Sociology of Gender Roles (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Sociological perspectives on gender in contemporary societies. Examination of norms regarding gender and how these norms influence and are influenced by individual behavior, group interaction, and social institutions. Topics to be discussed may include family, education, work, media, and other social institutions.

SOC-S 344 Sociology of Childhood (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Defining Sociology of Childhood; Sociological Approaches to the Study of Children & Childhood; Ethical & Practical Concerns Regarding Research with Children; Historical Overview of Childhood in U.S.; Meaning(s) and Dimensions of Children's Consumption; Changing Demographics of Childhood; Children and Immigration & Globalization; Social Policy Implications for Children & Childhood.

SOC-S 345 Food & Society (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. This course introduces students to recent literature, thoughts, and research on the role of food in human societies. We use historical and critical analyses to examine selected issues about food and society.

SOC-S 360 Topics in Social Policy (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Specific topics to be announced, e.g. environmental affairs, urban problems, poverty, population problems.

SOC-S 361 Cities and Suburbs (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Introduction to

theory and research on the changing scale and complexity of social organization (urbanization), the quality of life in urban areas, demographic and ecological city growth patterns, and public policy concerns in contemporary urban society.

SOC-S 380 Introduction to Methods and Social Research I (3 cr.) P: SOC-S 163 and MATH-M 118 or MATH-A 118. This course introduces students to the various methods of research used in Sociology. Includes the logic of scientific inference, ethics, theory construction, and research design.

SOC-S 381 Introduction to Methods and Social Research II (3 cr.) P: SOC-S 163 and MATH-M 118 or MATH-A 118. This course integrates methods of research and statistical analysis.

SOC-S 398 Internship in Sociology (1-6 cr.) Students are placed in an organization or agency to receive experience in an applied sociology setting. Work is supervised by a sociology faculty member and the organization/agency. Research and written reports are required. Evaluations by the organization/agency and sociology faculty member.

SOC-S 403 Industry, Labor, and Community (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Organizations studied from a sociological perspective. Theories and typologies of organizations as well as research that tests them. Attention to social structures (formal and informal) of organizations, the participants (management, labor, and clients), organizational goals, effects of technology and the environment.

SOC-S 405 Selected Social Institutions (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. An examination of one or more institutional areas, e.g., religion, education, the military.

SOC-S 413 Gender and Society (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Explores several theories of sex inequality in order to understand the bases of female-male inequality in American society; examines the extent of sex inequality in several institutional sectors; and considers personal and institutional barriers women face, including those resulting from socialization, discrimination, and other structural arrangements.

SOC-S 416 The Family (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. The family as a social institution, changing family folkways, the family in relation to development of personality of its members, disorganization of the family, and predicting success and failure in marriage.

SOC-S 419 Social Movements and Collective Action (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Change-oriented social and political collective action and consequences for groups and societies. Resource mobilization, historical and comparative analysis of contemporary movements and collective action.

SOC-S 431 Topics in Social Psychology (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology and SOC-S 203. Specific topics announced each semester, e.g., socialization, personality development, small group structures and processes, interpersonal relations,

language and human behavior, attitude formation and change, violence and aggression.

SOC-S 432 Small Group Processes (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Behavioral, cultural, and emotional processes which take place as small groups form, develop, change, and dissolve. Introduction to the literature on the small group, including studies derived from group dynamics, psycho-analysis, and interactionism.

SOC-S 441 Topics in Social Theory (3 cr.) P: SOC-S 163 and SOC-S 203. Specific topics to be announced, e.g. structuralism, evolutionary theory, symbolic interaction theory, functionalism, social action theory, exchange theory, history and development of social theory, sociology of knowledge.

SOC-S 470 Senior Seminar (3 cr.) P: SOC-S 163, SOC-S 250, SOC-S 251. Class restricted to sociology majors with senior class standing. Capstone seminar in sociology; integrates knowledge on theory and practice from previous sociology course, with emphasis on historical, contemporary, and future issues in sociology.

SOC-S 495 Individual Readings/Research in Sociology (1-6 cr.) P: 6 credit hours in sociology and written consent of instructor. Individualized approach to selected topics through the use of guided readings, research and critical evaluation. Prior arrangement required; conducted under the supervision of a member of the sociology faculty.

SOC-W 100 Gender Studies (3 cr.) Interdisciplinary approach to core discipline areas and to methodological and biographical tools required for research in women.

SP 500 Topics in Speech (Consortium) (3 cr.)

SP 600 Topics in Speech (Consortium) (0 cr.)

SPAN-S 100 Elementary Spanish I (4 cr.) P: Placement Testing required for students who have studied Spanish in High School. Intensive introduction to present-day Spanish and Hispanic culture with emphasis on structure and grammatical forms, vocabulary building and meaning. Development of listening comprehension, speaking, reading, and writing skills. Attendance in the language lab or some online work may be required.

SPAN-S 150 Elementary Spanish II (4 cr.) P: Placement Testing or SPAN-S 100. Continuation of SPAN-S 100. Part II of introduction to present-day Spanish and Hispanic culture with emphasis on structure and grammatical forms, vocabulary building and meaning. Development of listening comprehension, speaking, reading, and writing skills. Attendance in the language lab or some online work may be required.

SPAN-S 200 Intermediate Spanish I (3 cr.) P: Placement testing or SPAN-S 100 and SPAN-S 150. Further development and review of structure and grammatical forms; vocabulary building coordinated with literary and non-literary readings. Continued development of listening comprehension, speaking, reading, and writing skills. Attendance in the language lab or some online work may be required.

SPAN-S 250 Intermediate Spanish II (3 cr.)
P: Placement testing or SPAN-S 200. Continuation of S110-S150, with increase emphasis on communication

skills and selected readings. Attendance in the language laboratory may be required.

SPAN-S 275 Hispanic Culture and Conversation (3 cr.) P: SPAN-S 250. Practice of language skills through reading, writing, and discussion of Hispanic culture. Treats facets of popular culture, diversity of the Spanish-speaking world, and themes of social and political importance. Conducted in Spanish.

SPAN-S 291 Hispanic Literature and Civilization (3 cr.) P: SPAN-S 250. Conducted in Spanish. Continuing practice of language skills through reading and discussion of Hispanic culture. Treats facets of popular culture, diversity of the Spanish-speaking world, and themes of social and political importance.

SPAN-S 301 The Hispanic World I (3 cr.) P: SPAN-S 250. An introduction to contemporary Spanish and the Spanish-speaking world through study of basic structural patterns and functional vocabulary.

SPAN-S 302 The Hispanic World II (3 cr.) P: SPAN-S 250. Introduction to Hispanic culture through literature. Study of representative literary works of both Spain and Spanish America in the context of Hispanic history, art, philosophy, folklore, etc.

SPAN-S 303 The Hispanic World III (3 cr.) P: SPAN-S 250. Continuing exploration of Hispanic culture through literature. Study of representative literary works in both Spain and Spanish America, in the context of Hispanic history, art, philosophy, folklore, etc.

SPAN-S 311 Spanish Grammar (3 cr.) P: SPAN-S 250. This course is designed to integrate the four basic language skills into a review of the major points of Spanish grammar. Course work will combine grammar exercises with brief controlled compositions based on a reading assignment and class discussion in Spanish. Sentence exercises will be corrected and discussed in class.

SPAN-S 312 Written Composition in Spanish (3 cr.) P: SPAN-S 250. This course integrates the four basic language skills into a structured approach to composition. Some review of selected points of Spanish grammar will be included. Each student will write a weekly composition, increasing in length as the semester progresses. Emphasis will be on correct usage, vocabulary building, and stylistic control.

SPAN-S 317 Spanish Conversation and Diction (3 cr.) P: SPAN-S 250. Intensive controlled conversation correlated with readings, reports, debates and group discussions.

SPAN-S 363 Introduccion a la Cultura Hispanica (3 cr.) P: SPAN-S 312, SPAN-S 317. Introduction to the cultural history of Spanish-speaking countries with the emphasis on its literary, artistic, social, economic and political aspects.

SPAN-S 407 Survey of Spanish Literature I (3 cr.)
P: One 300-level literature/culture course. An historical survey that covers major authors, genres, periods, and movements from the Spanish Middle Ages through the Baroque period of the seventeenth century. Readings include prose works, poetry, and drama.

SPAN-S 408 Survey of Spanish Literature II (3 cr.)
P: SPAN-S 312, SPAN-S 317. An historical survey of

Spanish literature that covers the main current of Spain's literary history in the eighteenth, nineteenth, and twentieth centuries.

SPAN-S 411 Spain: The Cultural Context (3 cr.) P: One 300-level literature/culture course. A course to integrate historical, social, political, and cultural information about Spain.

SPAN-S 412 Spanish America: the Cultural Context (3 cr.) P: One 300-level literature/culture course. A course to integrate historical, social, political, and cultural information about Spanish America.

SPAN-S 420 Modern Spanish American Prose Fiction (3 cr.) P: SPAN-S 312, SPAN-S 317. Spanish American prose fiction from late-nineteenth-century modernism to the present.

SPAN-S 450 Don Quixote (3 cr.) P: SPAN-S 312, SPAN-S 317. Detailed analysis of Cervantes's novel. Life and times of the author. Importance of the work to the development of the novel as an art form.

SPAN-S 471 Survey of Spanish American Literature I (3 cr.) P: SPAN-S 312, SPAN-S 317. Introduction to Spanish-American literature from the colonial period to the beginning of the twentieth century.

SPAN-S 472 Survey of Spanish American Literature II (3 cr.) P: SPAN-S 312, SPAN-S 317. Introduction to Spanish-American literature from the beginning of the twentieth century to the present.

SPAN-S 494 Individual Readings in Hispanic Studies (1-3 cr.) P: Consent of the department. Intensive study of selected authors and topics.

SPAN-S 627 Individual Readings in Spanish (3-6 cr.) Enables students to work on a reading project that they initiate, plan, and complete under the direction of a department faculty member in Spanish.

SPCH-C 205 Introduction to Oral Interpretation (3 cr.) P: Sophomore standing and SPCH-S 121 or THTR-T 120; or consent of instructor. Basic principles and practice in analysis and reading of selections from prose, poetry, and drama. Lecture and recitation.

SPCH-C 300 Practicum in Speech (1-8 cr.) Practical experience in the various departmental areas as selected by the student prior to registration, outlined in consultation with the instructor and approved by department. Must represent a minimum of 45 clock hours practical experience.

SPCH-C 325 Interviewing Principles and Practices (3 cr.) P: Sophomore standing; or consent of the instructor. Study and practice of methods used in business and industrial interviews, emphasizing the logical and psychological bases for the exchange of information and attitudes.

SPCH-C 392 Health Communication (3 cr.) Exploration of the communication competencies needed by health care professionals. Emphasizes interviewing, verbal and nonverbal skills, group interaction, intercultural, interprofessional, therapeutic, and organizational communication. Analysis of communication problems

encountered in the delivery of health care services and development of coping strategies.

SPCH-S 121 Public Speaking (3 cr.) Theory and practice of public speaking, training in thought processes necessary to organize speech content, analysis of components of effective delivery and language.

SPCH-S 122 Interpersonal Communication (3 cr.) Introduction to core communication concepts and processes of face-to-face interaction from the perspective of communication competence. Analyzes variability in the design, production, exchange, and interpretation of messages in relational, family, professional, and cultural contexts.

SPCH-S 205 Introduction to Speech Communication (3 cr.) Overview of fundamental theoretical and methodological issues involved in the social scientific and critical study of human communication. Analyzes influences on and impact of communication in dyadic, group, public, and mediated contexts.

SPCH-S 210 Survey of Communication Studies (1 cr.) This course surveys the foundational principles, theories, and practice of the major areas of the communication studies discipline.

SPCH-S 221 Speech and Human Behavior (3 cr.) Development of speech and theories of oral discourse; the communication process and human behavior and culture; speech in conflict situations.

SPCH-S 223 Business and Professional Communication (3 cr.) P: SPCH-S 121 and sophomore standing; or consent of instructor. Examines organizational communication with emphasis on skills acquisition. Developed skills including interviewing, group discussion, parliamentary procedure, and public speaking.

SPCH-S 228 Argumentation and Debate (3 cr.) P: SPCH-S 121 and sophomore standing; or consent of instructor. Reasoning, evidence, and argument in public discourse. Study of forms of argument. Practice in argumentative speaking.

SPCH-S 229 Discussion and Group Methods (3 cr.) P: SPCH-S 121 with grade of C or better and sophomore standing. Leadership and participation in group, committee, conference, and public discussion; logical and psychological aspects of group process.

SPCH-S 246 Rhetorical Skills (3 cr.) P: SPCH-S 121, SPCH-S 122, ENG-W 131 completed with a letter grade of C or better; a minimum GPA of 2.3 with 30 credit hours earned; or consent of the instructor. This course provides instruction and practice in intermediate skills of written communication.

SPCH-S 306 Leadership (3 cr.) P: SPCH-S 121 and Junior Standing. An upper-level survey course designed to familiarize students with the role of effective leadership within a business environment; students will explore and distinguish among various styles of leadership and their demand in today's global market.

SPCH-S 307 Crisis Management (3 cr.) P: SPCH-S 121 with a C or higher and Junior Standing; or consent of instructor. An upper-level survey course designed to introduce students to the various concepts, theories, and principles of effective crisis management. The course

explores both national and international corporate crises in regards to crisis prevention, crisis readiness, and crisis resolution.

SPCH-S 321 Rhetoric and Modern Discourse (3 cr.)

Topical analysis of the constituents of traditional rhetorical theory; application of rhetorical principles to the study of selected modern discourse.

SPCH-S 322 Advanced Interpersonal Communication (3 cr.)

P: SPCH-S 122 and junior standing. Advanced consideration of communication in human relationships. Emphasis given to self-concept, perception, verbal language, nonverbal interaction, listening, interpersonal conflict and communication skills in family, social, and work situations.

SPCH-S 324 Persuasion (3 cr.) P: SPCH-S 246 with grade of C or better, and Junior standing; or consent of the instructor. Motivational appeals in influencing behavior; psychological factors in a speaker-audience relationship; contemporary examples of persuasion. Practice in persuasive speaking.

SPCH-S 325 Voice and Diction (3 cr.) P: SPCH-S 121 or THTR-T 120. R: Sophomore standing or consent of instructor. Anatomy and functions of vocal mechanism; introduction to phonetics; improvement of student's voice and diction through exercises and practical work in area of student's special interest.

SPCH-S 333 Public Relations (3 cr.) P: TEL-R 311, or SPCH-S 246, or ENG-W 290, and Junior Standing; or consent of instructor. Communication Studies majors and minors only. An introduction to the principles of public relations, including ethics of public relations, impact on society, and uses by government, business, and social institutions for internal and external communication. Public relations as a problem-solving process utilizing theoretical and applied communication strategies.

SPCH-S 336 Current Topics in Communication (3 cr.) Extensive analysis of selected problems in contemporary speech communication. Topics vary each semester and are listed in the Schedule of Classes.

SPCH-S 353 Advanced Public Speaking (3 cr.)

P: SPCH-S 121 and Sophomore standing; or consent of the instructor. Development of a marked degree of skill in preparation and delivery of various types of speeches, with emphasis upon depth of research, clarity of organization, application of proof, and appropriate style.

SPCH-S 380 Nonverbal Communication (3 cr.)

P: SPCH-S 122 and Junior standing; or consent of the instructor. Exploration of communicative interaction that is not linguistic in nature. Emphasizes the communicative aspects of personal space, physical environment, body movement, touch, facial expression, eye contact, and paralanguage.

SPCH-S 398 Independent Study in Speech

Communication (1-3 cr.) P: Junior standing and approval of instructor. Independent study or practicum experience. Projects must be approved by the faculty member before enrolling.

SPCH-S 400 Senior Seminar (2 cr.) P: SPCH-S 210, SPCH-S 246 and Senior standing; or consent of the

instructor. Permission required. Study of problems and issues in rhetoric and communication. Topic varies.

SPCH-S 405 Human Communication Theory (3 cr.)

P: SPCH-S 210, SPCH-S 246, and Senior standing; or consent of the instructor. Survey of contemporary theories of human communication with emphasis on the nature of theory construction; contributions of allied disciplines to communication theory.

SPCH-S 407 Historical Development of Rhetorical Theory. (3 cr.)

P: SPCH-S 246 and Junior standing. Survey of ancient through contemporary thought on the art of rhetoric; identification of leading trends in the history of rhetoric and the assessment of those trends in light of surrounding context.

SPCH-S 421 Rhetorical Criticism (3 cr.) P: SPCH-S 246 and Junior standing; or consent of the instructor. Rhetorical criticism exemplified by selected studies, ancient and modern; development of contemporary standards and methods of appraisal.

SPCH-S 424 Empirical Research Methods in Speech

Communication (3 cr.) P: SPCH-S 246, MATH-A 118 or MATH-M 118 or higher, completed with grade of C or higher; and Junior standing . Permission required. Focuses on the objective appraisal of behavioral data in the study of speech communication. Introduces the theoretical foundation of empirical social science and offers guidelines for conducting descriptive and experimental studies.

SPCH-S 427 Cross-Cultural Communication (3 cr.)

P: Junior standing. A survey study of national, cultural, and cross-cultural persuasion in theory and practice.

SPCH-S 440 Organizational Communication

(3 cr.) P: Junior standing or consent of the instructor. Examination of internal and external communication in business and other professional organizations, with emphasis upon theory, techniques, practices, goals, and the social environment in which such communication exists.

SPCH-S 450 Gender and Communication (3 cr.)

P: SPCH-S 121, or ENG-W 290, or SPCH-S 246; and Junior standing; or consent of the instructor. Examines the extent to which biological sex and gender role orientation stereotypes influence the process of communication. Focuses on gender differences in decoding and encoding verbal and nonverbal behavior, development of sex roles, cultural assumption and stereotypes regarding gender differences in communication, and analyzes how the media present, influence, and reinforce gender stereotypes

SPCH-S 640 Studies in Organizational Communication

(3 cr.) Critical examination of quantitative and qualitative research in the area of organizational communication. Emphasizes decision making, superior-subordinate interaction, communication not works and climate and organizational culture. Focuses on critical assessment of research.

SPH-B 150 Introduction to Public Health (3 cr.)

Focuses on rationale, history and development of public health in the U.S. and globally. Emphasis on underlying theories, scientific, and social basis for public health practice plus the impact of critical public health concerns

on society. Professional disciplines, organizations, and methods that interact to improve the public's health are addressed.

SPH-H 174 Prevention of Violence in American Society (3 cr.) This course covers various contributors to violence in America with an emphasis on community health issues. Personal and environmental factors related to violence are considered within a context of public health. Personal and community violence prevention and reduction approaches are presented.

SPH-S 101 Introduction to Safety (3 cr.) Provides an overview of the variety of careers available in the safety profession. Examines the broad areas practiced by safety professionals including regulatory compliance, environmental protection, ergonomics, industrial hygiene, emergency management, recreational safety, personal safety, healthcare, training and instruction, system safety, fire protection, and hazardous materials management.

SPH-S 151 Legal Aspects of Safety (3 cr.) Discusses legal requirements for safety, health, and environmental compliance. Emphasis is given to OSHA standards with additional review of EPA, NFPA, NIOSH, and related agencies.

SPH-S 201 Introduction to Industrial Hygiene (3 cr.) The concepts, principles, and techniques in the practice of industrial hygiene are presented. The identification, evaluation, and control of occupational health hazards are discussed. An orientation to selected instrumentation used to assess the workplace is provided.

SPH-S 202 Fundamentals of Fire Protections (3 cr.) Reviews fire protection codes and standards, principles, and practices; fire theory, fire-safe design, fire protection systems and equipment, and fire hazards. Emphases on the life safety aspect of fire protection.

SPH-S 210 OSHA General Industry Standards (3 cr.) An introduction and analysis of the Occupational Safety and Health Administration (OSHA) general industry standards as they apply to both the private and federal sectors. Includes an inspection practicum.

SPH-S 214 OSHA Construction Standards (3 cr.) An introduction to and application of the Occupational Safety and Health Administration (OSHA) and Indiana OSHA (IOSHA) construction standards as they apply to both the private and public sectors. Course includes an inspection practicum.

SPH-S 217 Safety: A Personal Focus (3 cr.) This course surveys current topics of interest in safety. Areas explored include injury problems, safety analysis, home safety, fire safety, personal protection, responding to emergencies, firearm safety, motor vehicle safety, occupational safety, recreational safety, school safety, and related issues.

SPH-S 231 Safety Engineering & Technology (3 cr.) Introduces safety engineering principles applied to the control of hazards associated with industrial processes, facilities, chemical processes, materials handling, machine operation, and electricity.

SPH-S 251 Incident Investigation and Analysis (3 cr.) Introduction of questioning and interviewing techniques for incident investigation and analysis. Examines injury causation theories, evaluation, reporting, legal aspects,

and using investigation findings as a prevention tool. Reviews root causes in management systems.

SPH-S 255 Threats, Violence, and Workplace Safety (3 cr.) Emphasis on personal safety and survival through prevention, protection, and effective countermeasures for individuals and groups in the workplace. Examines potential methods for delivery and perpetuation of violence.

SPH-S 302 Introduction to Homeland Security (3 cr.) Explores relationships and interactions between private-sector institutions and public-sector Homeland Security organizations at federal, state and local levels. Examines specific roles, responsibilities and vulnerabilities of private-sector and governmental agencies in protecting critical infrastructure as well as preventing, deterring, and responding to crises.

SPH-S 332 Ergonomics and Human Factors (3 cr.) The application of ergonomic principles and human factors techniques to the design and evaluation of workplaces and equipment.

SPH-S 336 Emergency Management (3 cr.) An all-hazard multidisciplinary response and recovery. Topics include identifying critical roles, risk assessment, strategies, planning concepts and methodologies, establishing effective integrated and coordinated programs, crisis management, communication and response.

SPH-S 345 Safety Program Management (3 cr.) Principles, theories, and concepts of safety and health program management with comparisons of past, present, and future practices. Review of managing behavior of individuals, groups, and organizations. Focuses on managing a total safety program.

SPH-S 350 Topical Seminar in Safety Education (3 cr.) The topical seminars will relate to current issues in the field of safety education. Possible topics for this seminar are new requirements for controlling hazardous material, the changing legal environment of the safety professional, new techniques in accident investigation, system safety and the safety manager, human factors, and workplace design.

SPH-S 354 Hazardous Materials and Waste Control (3 cr.) Introduction and review of hazardous materials regulations and hazardous materials control method, including hazardous wastes. Occupational and environment requirements and exposures, with guidance and common examples of materials that are toxic, corrosive, reactive, explosive, flammable, and combustible. These classes of materials will be considered from their generation to disposal.

SPH-S 402 Emergency Planning and Preparation (3 cr.) Addresses multiple facets of emergency planning and preparedness as part of comprehensive emergency management. Fundamentals of planning as applied to four phases of emergency management; how these phases overlap, interrelate, and complement each other; and critical steps in preparation will be examined.

SPH-S 410 Advanced Industrial Hygiene (3 cr.) P: SPH-S 201 plus 12 credits of SPH-S courses; junior/senior standing. Provides definitive application of principles and concepts for the solutions of workplace health and

physical hazards. Program management techniques are discussed. Research procedures and techniques are introduced through individual and group projects.

SPH-S 411 Indust Hygiene Sampling & Analysis (3 cr.)

Advanced, in-depth study of the approaches to workplace sampling. Emphasis is on sampling methods, passive sampling, sampling devices, breathing zone, and area sampling strategy. Course will include lab sessions and field experience.

SPH-S 415 Safety Education and Training (3 cr.)

Assessing training and education needs, establishing goals and objectives, planning and methods for delivery, using resources and evaluating effectiveness. Students develop evaluation instruments and conduct mock OSHA training. Emphasis is on improving safety performance in addition to compliance.

SPH-S 430 Topical Senior Seminar in Safety Culture (1-3 cr.)

The topical seminars will relate to current issues in the field of safety culture. Explore issues of sound business principles and management practices for the development of an effective safety culture.

SPH-S 436 Emergency Response and Recovery (3 cr.)

Identifies various types of disasters and appropriate emergency management stakeholders. Explores theoretical frameworks, emergency and post-emergency activities typical challenges of response efforts: and, the tools and techniques of response and recovery are examined.

SPH-S 491 Research in Safety Education (1-3 cr.)

Undergraduate research is done in the field of safety education under the direction of a faculty member in the department.

SPH-S 492 Readings in Safety Education (1-3 cr.)

Enrollment is limited to seniors or advanced juniors who are majors in the department. Undergraduate research done in the field of safety education under the direction of a faculty member in the department.

SPH-S 496 Field Experience in Occupational Safety (1-10 cr.)

P: Safety majors only; junior/senior standing; consent of instructor. Field experience through on-the-job and related opportunities in occupational safety. Students will be assigned to industrial and occupational enterprises offering professional development for the safety specialist. Periodic critiques will be scheduled with supervisory personnel. Written progress reports will be required. S/F only.

SUPV-S 300 Frontline Leadership (3 cr.)

P: ENG-W 131. This introductory supervision course explores traditional and contemporary leadership styles used in the manager-employee relationship. Concepts include improving communication, conflict resolution, planning, organizing, and strategies for performance and productivity improvements. This course is an introduction to the front-line managerial position. It offers the student an insight into one of the most demanding jobs in the country and gives those already in that role, practical advice in handling on-the-job problems within their own organizations.

SUPV-S 310 Resource Planning Management (3 cr.)

P: SUPV-S 300 or equivalent supervision experience. Increased competitiveness in the world today has required

companies to re-evaluate how they design facilities and manage their resources. Using interactive class discussions, this course takes a visionary and proactive approach to the concepts of organizational design, process/quality management, capacity analysis, and supply chain management.

SUPV-S 320 Labor Relations (3 cr.) An introduction to labor relations for supervisors. The organization of labor unions and federations, certification, contracts, collective bargaining, grievances, arbitration, and labor law will be covered.

SUST-S 211 Sustainability and Regeneration: The Essentials (3 cr.) This course introduces students to the essentials of the field of sustainability and regeneration.

SUST-S 361 Sustainability Abroad (1-6 cr.) Topics announced in Schedule of Classes. An analysis of how sustainability is being incorporated into societies and cultures around the world. Can be conducted in the field or on campus.

SUST-S 410 Readings in Sustainability and Regeneration (3 cr.) This course is perceived as a capstone course in which students will engage in critical thinking and analysis of selected issues and problems within a disciplinary format. This course is designed to prepare students for research at the graduate-level.

SUST-S 415 Research in Sustainability and Regeneration (1-6 cr.) Research course that reviews and applies research methods used in sustainability and regeneration. Analyzed problems using principles of field.

Requires application of research methods to problems in field including collecting, analyzed and critiquing data.

Includes development of a research brief, research proposal/funding proposal, a technical report and a recommended solutions list.

SUST-S 491 Internship in Sustainability (3 cr.)

Involves placement in a business, not-for-profit agency or governmental unit to give student hands on experience working with sustainability in a practical setting.

TEL-R 404 Senior Seminar in Telecommunications (1-3 cr.)

P: SPCH-S 333; TEL-T 345; TEL-T 347; TEL-R 440; TEL-R 311 or ENG-W 290; and Junior standing; or consent of instructor C: TEL-R 440 or TEL-T 347 Exploration of problems and issues of telecommunications in contemporary society.

TEL-R 311 Broadcast Writing (3 cr.) P: ENG-W 131; TEL-T 102, and Sophomore standing; or consent of the instructor. Style, form, and preparation of written materials for broadcasting.

TEL-R 440 Advertising Strategies (3 cr.) P: TEL-T 102; TEL-R 311 or ENG-W 290, and Junior standing; or consent of the instructor. Analysis and evaluation of the planning, creative and placement components of advertising campaigns utilizing the broadcast media; development of original advertising campaigns.

TEL-T 102 Introduction to Advertising (3 cr.)

This course focuses on the role of advertising in a free economy and its place in the media of mass communication. It will cover advertising appeals, product and marketing research, selection of advertising media,

testing of advertising effectiveness, and organization of advertising profession.

TEL-T 345 Advertising Media Planning (3 cr.) P: TEL-T 102; TEL-R 311 or ENG-W 290. and Junior standing; or consent of the instructor. This course will introduce you to the process of advertising media planning and how it fits into the marketing function for brands, products and services. This process involves the creative and strategic use of media vehicles to deliver advertising messages to the target audience at the right time, through the most appropriate communication channel, and in a cost efficient manner.

TEL-T 347 Promotion and Marketing in Telecommunications (3 cr.) P: TEL-T 102; TEL-R 311 or ENG-W 290, and Sophomore standing; or consent of instructor. Theory and practice of designing, implementing, and evaluating promotional materials and understanding the process of strategic brand management in traditional and emerging media.

TEL-T 441 Advanced Advertising Strategies (3 cr.) P: TEL-T 102, and Junior standing; or consent of the instructor. Analysis and evaluation of planning, creative, and placement components of advertising campaigns utilizing the electronic media; development of original advertising campaigns.

THTR-T 105 Appreciation of Theatre (3 cr.) Introduction to the art of the theatre through a study of major dramatic forms and theatrical techniques. No credit for theatre/drama major concentration.

THTR-T 115 Oral Interpretation I (3 cr.) Introduction to theories, methodology, and skills: oral and visual presentation of literature for audiences.

THTR-T 120 Acting I (3 cr.) Introduction to theories, methodology, and skills: body movement, voice and diction, observation, concentration, imagination. Emphasis on improvisational exercises. Lectures and laboratory.

THTR-T 130 Stage Makeup (1 cr.) Techniques and styles of makeup in theatre. Lecture and laboratory. Theatre majors have registration priority.

THTR-T 220 Acting II (3 cr.) P: THTR-T 120 and permission of instructor. Techniques for expressing physical, intellectual, and emotional objectives. Study, creation, and performance from varied dramas.

THTR-T 221 Movement for the Actor (3 cr.) Designed to develop awareness of the body as an instrument of communication in the study of acting. Technical skills will be mastered through practice of exercises for flexibility, limberness, balance, coordination, and creative exploration of body movement in space as an individual and as a group member.

THTR-T 222 Voice of the Actor (3 cr.) Designed to develop physiological and psychological understanding of the voice as it applies specifically to the study of acting. Provides a series of exercise/techniques to free, develop, and strengthen vocal pitch, range, resonance, breath control, and articulation. Includes an introduction to the International Phonetic Alphabet and stage directions.

THTR-T 225 Stagecraft I (3 cr.) Introduction to theories, methodology, and skills: analysis of practical and aesthetic functions of stage scenery, fundamentals of

scenic construction and rigging, mechanical drawing for stagecraft. Lecture and laboratory.

THTR-T 230 Stage Costuming I (3 cr.) Introduction to theories, methodology, and skills: materials, construction techniques, pattern drafting, wardrobe work, and decorative processes. Lecture and laboratory.

THTR-T 236 Readers Theatre I (3 cr.) Exploration of theory and techniques. Practical experience with a variety of materials: fiction and nonfiction, poetry, prose, dramatic dialogue.

THTR-T 270 Introduction to History of the Theatre I (3 cr.) Significant factors in primary periods of theatre history and their effect on contemporary theatre. Review of representative plays of each period to illustrate theatrical use of dramatic literature.

THTR-T 271 Introduction to History of the Theatre II (3 cr.) Continuation of THTR-T 270. Significant factors in primary periods of theatre history and their effect on contemporary theatre. Review of representative plays of each period to illustrate theatrical use of dramatic literature.

THTR-T 275 American Theatre: The Black Experience (3 cr.) Historical survey of the black influence in the American theatre; a critical study of early and contemporary plays concerning black social problems and depicting black culture; the contributions of black actors and black playwrights to the American stage.

THTR-T 310 Creative Dramatics (3 cr.) Theory and technique of guiding children in spontaneous activity; specifically, creating scenes or plays and performing them with improvised dialogue and action. Although theories will be discussed, the emphasis will be on practical activities that may be useful to prospective teachers, recreation leaders, etc.

THTR-T 315 Oral Interpretation II (3 cr.) P: THTR-T 115. Study of the oral and visual presentation of literature, with emphasis on analysis of intellectual and emotional values.

THTR-T 320 Acting III (3 cr.) P: THTR-T 220 and audition. Character analysis and use of language on stage. Study and performance of characters in scenes from Shakespeare.

THTR-T 325 Voice and Speech (3 cr.) Anatomy and functions of vocal mechanism; introduction to phonetics; improvement of student's voice and diction through exercises and practical work in area of student's special interest.

THTR-T 326 Scene Design I (3 cr.) Introduction to the process of scene design, scene designer's responsibilities, scene problem solving, and exploration of visual materials and forms.

THTR-T 335 Stage Lighting (3 cr.) P: THTR-T 225. Introduction to the process of determining and implementing a lighting design. Analytical skills, concept development, design methods, lighting technology, and practical applications are covered.

THTR-T 340 Directing I (3 cr.) P: THTR-T 120. Introduction to theories, process, and skills (text analysis,

working with actors, staging, and telling a story), culminating in a final project.

THTR-T 349 Theatre Practicum (1-3 cr.) P: Permission of instructor/director. Practicum credit for students participating responsibly in a performance capacity is available by special arrangement with the instructor/director as casting decisions are confirmed.

THTR-T 363 Modern Plays for Stage Interpretation (3 cr.) Production of realistic, naturalistic, and expressionistic plays on level representative of Pulitzer Prize and Drama Critics Circle selections.

THTR-T 385 Theatre Laboratory (1-3 cr.) P: THTR-T 225, THTR-T 424, THTR-T 425; or consent of instructor. Practicum credit for students participating responsibly in production capacities is available by special arrangement with the instructor, with current IU Southeast theatre productions serving as the core of study. Students will engage in script analysis, comparison, detailed research, and production planning as required and then actual implementation of plans in a specific key area (e.g., set design or construction, costumes, lighting, promotion, etc.) contracted on an individual basis with the instructor.

THTR-T 390 Creative Work in Summer Theatre (1-3 cr.) P: Consent of director. Work in summer theatre productions.

THTR-T 400 Arts Management (3 cr.) Business theory and practice in contemporary arts organizations, both profit and not-for-profit. Emphasis on practical application. Laboratory required.

THTR-T 410 Movement for the Theatre (3 cr.) P: THTR-T 120. Introduction to theories, methodologies, and skills in developing a flexible, relaxed, controlled body for the theatre. Emphasis on relaxing body tensions, alignment, eye training, tumbling, and stage combat.

THTR-T 424 Stagecraft II (3 cr.) P: THTR-T 225; or consent of instructor. Using theatrical drafting as a vehicle, special techniques, new materials and techniques, and problems of construction are explored. Continued exploration of production duties is included.

THTR-T 433 Costume Design (3 cr.) P: THTR-T 230 or consent of instructor. Design and selection of costumes, with an emphasis on the relationship of costume to character and production.

THTR-T 446 Theatre for Children (3 cr.) Purposes, principles, and problems of staging plays for young people.

THTR-T 453 Playwriting I (3 cr.) P: Consent of Instructor. Introduction to theories, methodology, and skills: principles of dramatic structure, practice in writing. Conferences and class evaluation.

THTR-T 458 Screenwriting (3 cr.) Structural analyses of cinematic models, culminating in the creation of an original full-length narrative screenplay.

THTR-T 483 Topics in Theatre and Drama (1-3 cr.) Studies in special topics not usually covered in other departmental courses.

THTR-T 490 Independent Study in Theatre and Drama (1-6 cr.) P: 12 credit hours in theatre and drama,

departmental grade average of B or above, consent of instructor required. Readings, reports, experiments, or projects in area of student's special interest.

WOST-W 200 Women in Society - Intro to Women's Studies (3 cr.) Interdisciplinary approach to core discipline areas and to methodological and bibliographical tools required for research in women's studies. Roles and images of women in contemporary American society based on historical, social, political background. Will not count toward the social science distributional requirement.

WOST-W 400 Selected Topics in Women's Studies (Senior Seminar) (3 cr.) Readings and discussion of selected topics, with an interdisciplinary focus; research paper included.

WOST-W 495 Readings and Research in Women's Studies (1-3 cr.) Individual readings and research. May be repeated twice for credit with a different topic.

ZOOL-Z 103 Animal Biology (5 cr.) Emphasis on interdependence of all living things. Type forms are used to demonstrate general biological principles. Functional aspects of biology, inheritance, development, and evolution and their application to human biology. This course will not count toward a biology major.

ZOOL-Z 373 Entomology (3 cr.) P: ENG-W 130 or ENG-W 131, and MATH-M 110 or higher with grades of C or better, OR minimum of 12 credits. C: ZOOL-Z 383. Insects, with emphasis on evolution, distribution, behavior, and structure.

ZOOL-Z 383 Laboratory in Entomology (2 cr.) C: ZOOL-Z 373. Laboratory and field studies of methods of collecting, preserving, and studying insects, with intensive study of classification. Preparation of insect collection required.

ZOOL-Z 460 Ethology (Animal Behavior) (3 cr.) P: ENG-W 130 or ENG-W 131, and MATH-M 110 or higher with grades of C or better, OR minimum of 12 credits. Introduction to the zoological study of animal behavior. Emphasizes both internal and external factors involved in the causation of species-typical behavior of animals (protozoa-primates) in their natural environment.

ZOOL-Z 466 Endocrinology (3 cr.) P: BIOL-L 211 with C or better. Mechanisms of hormone action from the molecular to the organismal level in vertebrates.

French (FREN)

FREN-F 100 Elementary French I (4 cr.) Students who have studied French must take a placement test before enrolling. Introduction to French language and selected aspects of French civilization and culture. Some online work will be required.

FREN-F 150 Elementary French II (4 cr.) P: FREN-F 100 or by placement test. Students who have studied French must take a placement test before enrolling. Introduction to French language and selected aspects of French civilization and culture. Some online work will be required.

FREN-F 200 Second-Year French I (3 cr.) P: FREN-F 150 or by placement test. Grammar, composition, and conversation coordinated with the study of expository,

literary, and cultural texts. Some online work will be required.

FREN-F 203 SECOND-YEAR FRENCH I (3 cr.)

Composition, conversation, and grammar coordinated with the study of expository and literary texts.

FREN-F 204 SECOND-YEAR FRENCH II (3 cr.)

Composition, conversation, and grammar coordinated with the study of expository and literary texts.

FREN-F 250 Second-Year French II (3 cr.)

P: FREN-F 200 or by placement test. Grammar, composition, and conversation coordinated with the study of expository, literary, and cultural texts. Some online work will be required.

FREN-F 300 Lectures et analyses littéraires (3 cr.)

P: FREN-F 250. Preparation for more advanced work in French literature. Readings and discussions of one play, one novel, short stories or essays, and poems.

FREN-F 305 Chefs-d'oeuvre de la littérature française I (3 cr.)

P: FREN-F 250. Drama and literature of ideas. Dramatists such as Corneille, Racine, Molière, Beaumarchais, and Sartre; essayists and philosophes such as Descartes, Pascal, Voltaire, Diderot, and Camus. Lectures and discussion in French.

FREN-F 306 Chefs-d'oeuvre de la littérature française II (3 cr.)

P: FREN-F 250. Novel and poetry. Novelists such as Balzac, Flaubert, and Proust; readings in anthologies stressing sixteenth-, nineteenth-, and twentieth-century poetry. Lectures and discussion in French.

FREN-F 312 Readings in French Literature in Translation (3 cr.)

Representative readings emphasizing a particular author, genre, or topic in French literature. The subject may vary with each listing, and is identified in the Schedule of Classes. No credit in the concentration area for French majors. Repeatable up to 6 units.

FREN-F 313 Advanced Grammar and Composition I (3 cr.)

P: FREN-F 250. Detailed review of grammar. Writing practice.

FREN-F 314 Advanced Grammar and Composition II (3 cr.)

P: FREN-F 313. Detailed review of grammar. Writing practice.

FREN-F 315 French Conversation and Diction I (3 cr.)

P: FREN-F 250. Course devoted to more advanced oral and continual work with phonetics.

FREN-F 316 French Conversation and Diction II (3 cr.)

P: FREN-F 315. Course devoted to more advanced oral and continual work with phonetics.

FREN-F 320 Travaux Pritiques De Pron Fr (2 cr.)

P: FREN-F 250. In-depth study of the French sound system and refinement of pronunciation through practical exercises.

FREN-F 391 Studies in French Film (3 cr.)

P: FREN-F 313 or permission of instructor. Analysis of major French art form, introduction to modern French culture seen through medium of film art, and study of relationship of cinema and literature in France.

FREN-F 363 Introduction à la France moderne (3 cr.)

P: FREN-F 313. The development of French culture and civilization in the twentieth century, with an emphasis on

the events that shaped modern France, the structure of daily life, and its institutions.

FREN-F 415 La Culture francophone (3 cr.)

P: FREN-F 363 or permission of instructor. Francophone cultures outside of Europe will be the focus of this course. A comparative approach will serve to underline similarities and differences among different francophone communities and also to compare them with Franco-European culture. A variety of resources, from cultural and literary readings to musical/film selections will be exploited.

FREN-F 461 La France contemporaine (3 cr.)

P: FREN-F 363. France since 1945; political, social, economic, and cultural aspects.

FREN-F 474 Theme et version (3 cr.)

P: FREN-F 313. Translations of selected passages, alternating between English and French, to teach students to write with precision and clarity in both languages.

FREN-F 475 Le Français Oral: Cours Avancé (3 cr.)

P: FREN-F 315 or permission of instructor. This course will build upon the oral and aural skills developed in intermediary level courses in French with intensive oral/aural practice both inside and outside the classroom.

FREN-F 495 Individual Readings in French (1-3 cr.)

Repeatable up to 3 units.

Communication and Culture (CMCL)

CMCL-C 202 Media in the Global Context (3 cr.)

P: SPCH-S 122, TEL-T 102 and sophomore standing; or consent of the instructor. This course focuses on the present and the future of global media and international advertising: understanding worldwide markets and strategic communication practices in very different cultural, regulatory and competitive conditions.

CMCL-C 290 Hollywood I (3 cr.) An overview of film history from its beginnings to the present, emphasizing major developments in narrative cinema. Credit given for only one CMCL-C 290 or CMLT-C 290.

CMCL-C 315 Advertising & Consumer Culture (3 cr.)

P: SPCH-S 122 and TEL-T 102 or consent of the instructor. Critical examination of advertising's role in modern societies. Focuses on marketing and consumption as central activities in shaping personal identity and social relations.

CMCL-C 324 Persuasion (3 cr.) P: TEL-T 102 and Junior standing or consent of instructor. This course is designed to introduce students to the theories, principles and practice of persuasive communication. First, students will review the basic principles of oral communication. Second, the course will familiarize students with key persuasion concepts and will provide an overview of theoretical approaches to the study and practice of persuasion. Third, the course will focus on factors that influence the success or failure of persuasive strategies and techniques in contexts of advertising, marketing, branding, and public relations. Students will have ample opportunities to directly apply knowledge acquired through the lectures, readings and in-class interactions to the analysis and production of persuasive materials.

CMCL-C 337 New Media (3 cr.) P: TEL-T 102 and Junior standing; or consent of the instructor. Develops

frameworks for understanding new media technologies in social contexts. Compares computing, networked digital media, and social media to prior eras of technological change, focusing on interactions among technological, industrial, regulatory, social, and cultural forces. Repeatable for credit up to 6 credit hours.

CMCL-C 392 Media Genres (3 cr.) May repeat once for credit.

CMCL-C 427 CROSS CULTURAL COMMUNICATION (3 cr.) A survey study of national, cultural, and cross-cultural persuasion in theory and practice.

communication-and-culture-SSCI

CMCL-C 424 Communication Research Methods (3 cr.)

P: ENG-W 290 or TEL-R 311; MATH-A 118 or M 118 or higher with grade of C or better, and Junior standing; or consent of instructor. Focuses on the objective appraisal of behavioral data in the study of speech communication. Introduces the theoretical foundation of empirical social science and offers guidelines for conducting descriptive and experimental studies.

CMCL-C 337 New Media (3-6 cr.) Develops frameworks for understanding new media technologies in social contexts. Compares computing, networked digital media, and social media to prior eras of technological change, focusing on interactions among technological, industrial, regulatory, social, and cultural forces. Repeatable up to 6 units.

Comparative Literature (CMLT)

CMLT-C 145 Major Characters in Western Literature (3 cr.) Comparative analysis of the literary treatment of mythical and archetypal characters in different periods and traditions, such as: Electra (Euripides, O'Neill, Giraudoux), Tristan (Gottfried, Tennyson, Wagner), Faust (Marlowe, Goethe), Don Juan (Tirso de Molina, Molière, Pushkin, Shaw).

CMLT-C 146 Major Themes in Western Literature (3 cr.) Comparative analysis of recurrent themes and motifs in Western literature, such as the French Revolution or the quest (man's search for material or spiritual values). Selected works from diverse genres and historical periods, ranging from the ancient epic to the contemporary novel and drama.

CMLT-C 151 Introduction to Popular Culture (3 cr.) The serious study of entertainment for mass consumption, including popular theatre and vaudeville, bestsellers, mass circulation magazines, popular music, phonograph records, and popular aspects of radio, film, and television. Provides the basic background to other popular culture courses in comparative literature.

CMLT-C 190 An Introduction to Film (3 cr.) Nature of film technique and film language; analysis of specific films and introduction to major critical approaches in film studies.

CMLT-C 205 Comparative Literary Analysis (3 cr.) Introduction to basic concepts of literary criticism through comparative close readings of texts from a variety of literary genres, fiction, poetry, drama, essay; and from diverse traditions.

CMLT-C 216 Science Fiction, Fantasy, and the Western Tradition (3 cr.) Historical and comparative survey of science fiction and fantasy narrative from antiquity to the present. The origin of scientific narrative in ancient Greek literature, its relation to ancient myths, and its history and development. Emphasis on philosophical, cognitive, and scientific aspects of the genre.

CMLT-C 217 Detective, Mystery, and Horror Literature (3 cr.) Origins, evolution, conventions, criticism, and theory of the detective mystery story; history of the Gothic novel; later development of the tale of terror; major works of this type in fiction, drama, and film.

CMLT-C 313 Narrative (3 cr.) Historical and analytical study of various forms of narrative literature. Examination of narrative as a primary literary genre and analysis of such diverse forms as myth, folktale, epic, romance, gospel, saint's life, saga, allegory, confession, and novel.

CMLT-C 335 Realism, Naturalism, and Symbolism (3 cr.) The rise of Realism in 19-century fiction and its development into Naturalism and Impressionism; the Symbolist reaction in poetry; the re-emergence of the drama as a major genre. Such authors as Dickens, Flaubert, Tolstoy, Mallarmé, Ibsen, Hauptmann, Strindberg, Chekhov.

CMLT-C 391 Film Theory and Aesthetics (3 cr.) Study of classical and contemporary schools of film theory.

CMLT-C 392 Genre Study in Film (3 cr.) Topic varies; the evaluation of typical genres; problems of generic description or definition; themes, conventions, and iconography peculiar to given genres, etc.

CMLT-C 393 History of European and American Films 1 (3 cr.) A survey of development of cinema during the period 1895-1926 (the silent film era). Particular attention paid to representative work of leading filmmakers, emergence of film movements and development of national trends, growth of film industry, and impact of television.

CMLT-C 394 History of European and American Films 2 (3 cr.) A survey of European and American cinema since 1927. Particular attention paid to representative work of leading filmmakers, emergence of film movements and development of national trends, growth of film industry, and impact of television.

CMLT-C 490 Individual Studies in Film and Literature (1-3 cr.) P: Consent of chairperson of film committee. May be repeated once with a different topic.

College of Arts and Sciences (COAS)

COAS-I 400 International Studies Capstone Seminar (3 cr.) P: Department Consent. Students will complete a senior thesis or project within their area of concentration. This may be as an independent study for the purpose of writing a research paper or may be through a faculty-led seminar, if offered.

COAS-J 151 Career Exploration and Development (1 cr.) Provides an opportunity to explore career options and define career objectives through the use of recognized occupational preference tests, self-evaluation techniques, guest lecturers, and outside readings. Intended for freshmen and sophomores.

COAS-Q 161 Library Skills and Resources (1 cr.)

Discuss the techniques and skills for researching term papers, speeches, and other library projects, and give students the opportunity to explore the potential of a large academic library. Students learn to identify and locate information in libraries for class assignments and personal interests.

COAS-S 100 Topic - Ballroom 1: Waltz & Rumba

(1 cr.) This workshop provides instruction and practice in the dance steps and rhythms of Waltz and Rumba. Repeatable for credit.

COAS-S 100 Topic - Ballroom 2: Tango & Mambo

(1 cr.) This course provides instruction and practice in the dance steps and rhythms of Tango and Mambo.

COAS-S 100 Topic - Ballroom 3: Foxtrot & Cha Cha

(1 cr.) This course provides instruction and practice in the dance steps and rhythms of Foxtrot and Cha Cha. Repeatable for credit up to 15 credits.

COAS-S 100 Topic - Rhythm I: Merengue & West

Coast Swing (1 cr.) This course provides instruction and practice in the dance steps and rhythms of Merengue and West Coast Swing. Repeatable for credit up to 15 units.

COAS-S 100 Topic - Rhythm 2: East Coast Swing

& Samba (1 cr.) This course provides instruction and practice in the dance steps and rhythms of East Coast Swing and Samba. Repeatable for credit up to 15 credits.

COAS-S 100 Topic - New York Hustle & Bolero (1 cr.)

This course provides instruction and practice in the dance steps and rhythms of New York Hustle and Bolero. Repeatable for credit up to 15 credits.

COAS-S 100 Topic - Rhythm 4: Waltz and Slow Dance.

(1 cr.) This course provides instruction and practice in the dance steps and rhythms of Viennese Waltz and Slow Dance. Repeatable for credit up to 15 credits.

COAS-S 100 Topic - Career and Academic Planning (1 cr.) ARL

This course teaches students how to use available tools to aid them in the self-exploration of their interests, skills, and values to better develop their major and career decisions. This course will help students develop a systematic, planned career-decision making strategy. Students will define possible schools and majors offered at IUS. Then analyze which school or majors would be a good fit to begin moving forward and develop their 4-year academic and career plans.

COAS-S 100 Workshop: Variable Title (1 cr.) 1-unit workshop with variable titles, corresponding to specific special and current topics in the arts and sciences, nursing, health and physical recreation, and career and academic exploration. Repeatable for credit under different topics up to 15 credits.

COAS-S 154 Pathways (1 cr.) This course teaches students how to use tools available to aid them in their academic planning, explore course majors and interests, increase their academic problem solving skills, enhance their social networking skills, and expand their financial planning skills as it relates to college success.

COAS-S 200 Workshop in Special Topics (0-3 cr.)

Specialized workshops on a topical basis to be offered to

non-traditional populations. May be offered by TV, radio, weekend college, etc. Repeatable up to 99 units.

COAS-S 399 INTERNSHIP (0-6 cr.)

An internship is an educational experience related to a student's degree program and career plan which applies what the student has learned to work situations. It involves a student, employer, and university sponsor. See Career Development Center for more information and to register. Repeatable for credit up to 6 units.

COAS-S 399 Internship in History (3 cr.) P:

At least junior standing and 12 credit hours of related work; prior arrangement with individual faculty member. Faculty-supervised experience in museum work, history preservation, historical societies, oral history, or other history-related fieldwork in private and public institutions. May be taken only once.

COAS-S 399 Internship Political Science (Topic ID 25)

(1-6 cr.) P: Junior or senior standing, approval of the dean and the Career Development Center. Designed to provide opportunities for student to receive credit for selected career-related work. Repeatable for credit up to 6 credits.

COAS-S 400 Workshop in Special Topics (1-6 cr.)

Repeatable up to 12 units.

COAS-W 100 Introduction to Business (3 cr.) A

survey of the business field and its operations in the contemporary economic, political and social environment.

East Asian Languages and Culture (EALC)

EALC-J 101 Elementary Japanese 1 (4 cr.) Introduction to the spoken and written Japanese language and to Japanese culture and civilization. Emphasis on practical use and understanding of everyday Japanese language and customs, to prepare the student for life in Japan or for interacting with Japanese people in the United States.

EALC-J 102 Elementary Japanese 2 (4 cr.) P: EALC-J 101 or Instructor Consent. Continuing introduction to the spoken and written Japanese language and to Japanese culture and civilization. Emphasis on practical use and understanding of everyday Japanese language and customs, to prepare the student for life in Japan or for interacting with Japanese people in the United States.

EALC-J 201 Second-Year Japanese 1 (3 cr.) P: EALC-J 102 or Instructor Consent. Continuation of EALC-J 102. Mainly practical spoken and written Japanese, and understanding Japanese lifestyles and ways of thinking.

EALC-J 202 Second-Year Japanese 2 (3 cr.) P: EALC-J 201 or Instructor Consent. Continuation of EALC-J 201. Mainly practical spoken and written Japanese, and understanding Japanese lifestyles and ways of thinking.

EALC-J 301 Third Year Japanese 1 (3 cr.) P: EALC-J 202 or equivalent or Instructor Consent. Review of grammatical points acquired in the first and second year Japanese. More advanced level of speaking, reading, writing, and listening proficiency.

EALC-J 302 Third Year Japanese 2 (3-4 cr.) P: EALC-J 301 or Equivalent or Instructor Consent. Review of grammatical points acquired in the first and second year

of Japanese. More advanced levels of speaking, reading, writing and listening proficiency.

EALC-J 401 Fourth-Year Japanese I (3 cr.) P: EALC-J 302 or equivalent or Instructor Consent. Emphasis on advanced reading skills.

EALC-J 402 Fourth-Year Japanese II (3 cr.) P: EALC-J 401 Continuation of J401. To develop advanced skills in Japanese for speaking, reading, and writing.

EALC-J 491 Humanities Topics in Japanese (3 cr.)
P: Sophomore Standing. A course focused on teaching English in elementary school and the lower grades of Japanese junior high school, for students seeking to teach English in Japan. Students build actual skills in teaching English; making syllabi, lesson plans, exams, and grading rubrics. Students explore materials to cultivate understanding of the nature of teacher-student relationships in Japan; and how to conduct themselves in the proper manner in the Japanese school setting. Taught in English. Repeatable for credit up to 6 credits.

EALC-J 492 Hist/Cultural Topics Japanese (3 cr.)
P: Sophomore Standing. Emphasis on a topic in Japanese history or culture. Content selected to enhance specific language skills (reading, writing, speaking, listening). Repeatable for credit up to 6 credits.

EALC-J 498 Individual Studies in Japanese (1-3 cr.)
P: Instructor Consent. A faculty directed study in Japanese tailored to student interests and needs, pre-arranged between instructor and student. Repeatable for credit up to 6 credits.

English (ENG)

ENG-G 205 Introduction to the English Language (3 cr.) P: ENG-W 131 with a grade of C or higher. Acquaints the student with contemporary studies of the nature of language in general and of the English Language in particular.

ENG-G 207 English Grammar and Usage (3 cr.)
P: ENG-W 131 with a grade of C or higher. A brief look at English grammar, with emphasis upon current American usage; students will review verb usage, subject-verb agreement, pronoun usage, modifier usage, punctuation, and sentence structure.

ENG-G 301 History of the English Language (3 cr.)
P: ENG-W 131 with a grade of C or higher. Historical and structural analysis of English language in stages of its development. Political and social events affecting development of language, interrelationship of language and literature, evolution of modern phonology and syntax.

ENG-L 101 Ancient and Medieval World Literature (3 cr.) Literary masterpieces from Homer to Dante. Approved Arts and Sciences for the Western Tradition culture studies requirement of IU Students.

ENG-L 102 Modern World Literature (3 cr.) Literary masterpieces from Homer to the present. Aims to teach thoughtful, intensive reading, to introduce students to aesthetic values in literature, and to make students aware of the enjoyment of reading.

ENG-L 103 Introduction to Drama (3 cr.) Significant plays from various times and countries to acquaint students with the conventions and types of drama; works

by such playwrights as Sophocles, Shakespeare, Moliere, Ibsen, Strindberg, Shaw, Miller, and Albee.

ENG-L 104 Introduction to Fiction (3 cr.) Introduction to representative fiction and theories for interpreting fiction.

ENG-L 105 Appreciation of Literature (3 cr.)
An introduction to drama, fiction, and poetry, stressing the enjoyment and the humane values of each form. The course will provide experiences in listening to and studying visual adaptations of poems, novels, and dramas.

ENG-L 106 Introduction to Poetry (3 cr.) Representative poems in English; a course that enables students to read poetry with pleasure and to talk or write about it with ease.

ENG-L 107 Oriental World Masterpieces (3 cr.) Literary masterpieces from the Arabic, Persian, Indian, Japanese, Chinese, and Malay cultures.

ENG-L 140 Introduction to English Studies (3 cr.)
A comprehensive orientation to the field of English studies. In addition to providing academic advising, the course offers an overview of our curriculum, which includes our two concentrations in writing and literature, career opportunities related to the degree, and the kinds of reading, writing, and oral skills that are needed for success as a major and in a variety of professions.

ENG-L 201 Special Studies in Literature (3 cr.) Reading of literary works in relation to special themes and topics. Repeatable up to 6 units.

ENG-L 202 Literary Interpretation (3 cr.) AHLA development of critical skills essential to participation in the interpretive process. Through class discussion and focused writing assignments, introduces the premises and motives of literary analysis and critical methods associated with historical, generic, and/or cultural concerns.

ENG-L 203 Introduction to Drama (3 cr.) Representative group of significant plays to acquaint students with characteristics of drama as a type of literature.

ENG-L 204 Introduction to the Novel and Short Story (3 cr.) Representative works of fiction; stresses structural technique in the novel, theories and kinds of fiction, and thematic scope of the novel.

ENG-L 205 Introduction to Poetry (3 cr.) A basic course that will enable students to talk and write about poetry.

ENG-L 207 Women and Literature (3 cr.) Issues and approaches to critical study of women writers and treatment in British and American literature.

ENG-L 208 Topics in English and American Literature and Culture (3 cr.) P: ENG-W 131 with a grade of C or higher. Selected works of English and/or American literature in relation to a single cultural problem or theme. Topics will vary from semester to semester.

ENG-L 209 Topics in American Literature and Culture (3 cr.) Selected works of American literature taught in relation to a single cultural problem or theme. Topics will vary from semester to semester.

ENG-L 210 Studies in Popular Literature and Mass Media (3 cr.) Popular literary modes in England and America, such as detective, western, fantasy; history and theories of "mass" or "popular" culture; uses of literacy.

Literary analysis of particular mass media forms, including television drama. Topic varies.

ENG-L 211 English Literature to 1700 (3 cr.)

Representative selections, with emphasis on major writers from Chaucer to 1700.

ENG-L 212 English Literature Since 1700 (3 cr.)

ENG-L 214 Literary Masterpieces (3 cr.) L214 covers major Western literary works from the Renaissance to the twenty-first century. Texts are selected from a variety of genres and nations, with an emphasis on works that have been particularly famous and influential. Works by Cervantes, Voltaire, Flaubert, Dostoevsky, Mann, Ibsen, Kafka, and others are typically included. Emphasis will be on making the literature accessible and interesting, relating it to historical events and contexts, and working on important reading and writing skills. Non-English works will be read in English translation.

ENG-L 220 Introduction to Shakespeare (3 cr.) A survey of Shakespeare's greatest plays and poems.

ENG-L 230 Science Fiction (3 cr.) Study of the kinds, conventions, and theories of science fiction. Course may include both literature (predominantly British and American) and film.

ENG-L 295 American Film Culture (3 cr.) Film in relation to American culture and society. Topic varies. Works of literature may be used for comparison, but the main emphasis will be on film as a narrative medium and as an important element in American culture.

ENG-L 297 English Literature to 1600 (3 cr.) P: ENG-W 131. R: Any ENG-L 100-level course and ENG-L 202/371. Representative selections, with emphasis on major writers from Chaucer to Shakespeare and on their cultural context.

ENG-L 298 English Literature from 1600 to 1830 (3 cr.) P: ENG-W 131 with a grade of C or higher. R: Any ENG-L 100-level course and ENG-L 202/371. Representative selections, with emphasis on major writers from Donne to Byron and on their cultural context.

ENG-L 299 English Literature since 1830 (3 cr.) P: ENG-W 131 with a grade of C or higher. R: Any ENG-L 100-level course and ENG-L 202/371. Representative selections, with emphasis on major writers from Carlyle to the present and on their cultural context.

ENG-L 303 Medieval English Literature in Translation (3 cr.) P: ENG-W 131 with a grade of C or higher. Literature and civilization of medieval England. Selected works from Old and Middle English with attention to their relations with art, history, and other aspects of medieval culture.

ENG-L 305 Chaucer (3 cr.) P: ENG-W 131 with a grade of C or higher. Chaucer's works, with special emphasis on *The Canterbury Tales*.

ENG-L 308 Elizabethan Drama and Its Background (3 cr.) P: ENG-W 131 with a grade of C or higher. English drama from Middle Ages to 1642; principal Elizabethan and Caroline dramatists and their best plays.

ENG-L 309 Elizabethan Poetry (3 cr.) P: ENG-W 131 with a grade of C or higher. Major Elizabethan poets, with special attention to Spenser.

ENG-L 313 Early Plays of Shakespeare (3 cr.) P: ENG-W 131 with a grade of C or higher. Close reading of at least seven early plays of Shakespeare.

ENG-L 314 Late Plays of Shakespeare (3 cr.) P: ENG-W 131 with a grade of C or higher. Close reading of at least seven later plays of Shakespeare.

ENG-L 317 English Poetry of the Early Seventeenth Century (3 cr.) P: ENG-W 131 with a grade of C or higher. Chief poets in England, 1600-1660.

ENG-L 318 Milton (3 cr.) P: ENG-W 131 with a grade of C or higher. Poetry and prose of John Milton, with special attention to *Paradise Lost*, *Paradise Regained*, and *Samson Agonistes*.

ENG-L 320 Restoration and Early Eighteenth-Century Literature (3 cr.) P: ENG-W 131 with a grade of C or higher. Major poetry and prose, 1660-1730, with emphasis on Dryden, Swift, and Pope.

ENG-L 327 Later Eighteenth-Century Literature (3 cr.) P: ENG-W 131 with a grade of C or higher. Major poetry and prose, 1730-1800, with emphasis on Johnson and Boswell.

ENG-L 328 Restoration and Eighteenth-Century Drama (3 cr.) P: ENG-W 131 with a grade of C or higher. Development of English drama from the Puritan closing of playhouses to the beginning of the nineteenth century.

ENG-L 329 Romantic Literature (3 cr.) P: ENG-W 131 with a grade of C or higher. Major Romantic writers, with emphasis on two or more of the following: Blake, Wordsworth, Coleridge, Byron, Shelley, Keats.

ENG-L 330 Major Romantic Writers 2 (3 cr.)

ENG-L 332 Romantic Literature (3 cr.) British literature and culture in the age of Romanticism and the revolutionary era (ca. 1780-1830). Poetry, fiction, drama, and non-fiction writings from major and minor authors, such as Austen, Blake, Byron, Coleridge, Scott, the Shelleys, Keats, Wollstonecraft, and the Wordsworths.

ENG-L 333 Victorian Literature (3 cr.) Will focus on one major Victorian writer's body of works (e.g. Dickens, Tennyson, Eliot, or Hardy) or family of writers (e.g. the Brontës, the Brownings). It is intended for English majors or for those with some literature and writing background.

ENG-L 335 Victorian Literature (3 cr.) P: ENG-W 131 with a grade of C or higher. Major poetry and prose, 1830 to 1900, studied against the social and intellectual backgrounds of the period.

ENG-L 345 Twentieth-Century British Poetry (3 cr.) P: ENG-W 131 with a grade of C or higher. Modern poets, particularly Yeats, Eliot, and Auden; some later poets may be included.

ENG-L 346 Twentieth-Century British Fiction (3 cr.) P: ENG-W 131 with a grade of C or higher. Modern fiction, its techniques and experiments, particularly Joyce, Lawrence, and Woolf; some later novelists may be included.

ENG-L 347 British Fiction to 1800 (3 cr.) P: ENG-W 131 with a grade of C or higher. Forms, techniques, and theories of fiction as exemplified by such authors as Defoe, Richardson, Fielding, Smollett, and Sterne.

ENG-L 348 Nineteenth-Century British Fiction (3 cr.) P: ENG-W 131 with a grade of C or higher. Forms, techniques, and theories of fiction as exemplified by such Romantic and Victorian authors as Scott, Dickens, Eliot, and Hardy.

ENG-L 351 American Literature to 1865 (3 cr.) P: ENG-W 131 with a grade of C or higher. R: Any ENG-L 100-level course and ENG-L 202/371. American writers to 1865: Emerson, Hawthorne, Melville, Whitman, and two or three additional major writers.

ENG-L 352 American Literature, 1865-1914 (3 cr.) P: ENG-W 131 with a grade of C or higher. R: Any ENG-L 100-Level course and ENG-L 202/371. American writers, 1865-1914: Mark Twain, Dickinson, James, and two or three additional major writers.

ENG-L 354 American Literature since 1914 (3 cr.) P: ENG-W 131 with a grade of C or higher. American writers since 1914: Faulkner, Hemingway, Eliot, Frost, and two or three additional major writers.

ENG-L 355 American Novel: Cooper to Dreiser (3 cr.) P: ENG-W 131 with a grade of C or higher. Representative nineteenth-century American novels.

ENG-L 356 American Poetry to 1900 (3 cr.)

ENG-L 357 Twentieth-Century American Poetry (3 cr.) P: ENG-W 131 with a grade of C or higher. American poetry since 1900, including such poets as Pound, Eliot, Frost, Stevens, Williams, and Lowell.

ENG-L 358 Twentieth-Century American Fiction (3 cr.) P: ENG-W 131 with a grade of C or higher. American fiction since 1900, including such writers as Dreiser, Lewis, Fitzgerald, Hemingway, Faulkner, and Bellow.

ENG-L 360 American Prose (Excluding Fiction) (3 cr.) P: ENG-W 131 with a grade of C or higher. Major nonfiction prose forms, including the essay, the journal, and the sermon, as well as the literary aspects of biography, criticism, and historical writing.

ENG-L 361 Studies in 19th Century American Literature (3 cr.) P: ENG-W 131 with a grade of C or higher. Study of 19th century American literature focused on a particular literary, cultural, or thematic movement or issue of the time.

ENG-L 363 American Drama (3 cr.) P: ENG-W 131 with a grade of C or higher. Main currents in American drama to the present.

ENG-L 364 Native American Literature (3 cr.) P: ENG-W 131 with a grade of C or higher. A survey of traditional and modern literature by American Indians, especially of the high plains and southwest culture areas, with particular attention to the image of the Indian in both native and white literature.

ENG-L 365 Modern Drama: Continental (3 cr.) P: ENG-W 131 with a grade of C or higher. Special attention to Ibsen, Chekhov, Pirandello, Brecht, and Sartre.

ENG-L 367 Literature of the Bible I (3 cr.) P: ENG-W 131 with a grade of C or higher. The Bible as a great masterpiece of literature. Focus on Old Testament.

ENG-L 369 Studies in British and American Authors (3 cr.) P: ENG-W 131 with a grade of C or higher. Individual authors, topics may vary.

ENG-L 370 Recent Black American Writing (3 cr.) P: ENG-W 131 with a grade of C or higher. Exploration of the most recent black American authors, analyzing the ways in which these authors interpret their human condition and aesthetically analyzing how the authors use the tools of their craft to develop their themes.

ENG-L 371 Critical Practices (3 cr.) P: ENG-W 131 with a grade of C or higher. Literary criticism from ancient to modern times.

ENG-L 373 Interdisciplinary Approaches to English and American Literature (3 cr.) P: ENG-W 131 with a grade of C or higher. Social, political, and psychological studies in English and American literature, 1890 to the present. Topics may vary and include, for example, Freud and literature, responses to revolution, and the literature of technology.

ENG-L 374 Ethnic American Literature (3 cr.) P: ENG-W 131 with a grade of C or higher. Literature about the American ethnic experience, selected from among works by African American, Jewish American, Italian American, Irish American, Native American, Asian American, Hispanic American, and other ethnic authors.

ENG-L 378 Studies in Women and Literature (3 cr.) P: ENG-W 131 with a grade of C or higher. British and American authors, such as George Eliot, Gertrude Stein; groups of authors, such as the Bronte sisters, recent women poets; or genres and modes, such as autobiography, film, criticism. Topics will vary from semester to semester.

ENG-L 379 American Ethnic and Minority Literature (3 cr.) A survey of representative authors and works of American ethnic and minority literature with primary focus on Black, Hispanic, and Native Americans.

ENG-L 380 Literary Modernism (3 cr.) P: ENG-W 131 with a grade of C or higher. Phenomenon of modernism in early twentieth-century transatlantic literature, with emphasis on such writers as Joyce, Pound, Woolf, Stein, Lawrence, and Faulkner, studied in relation to social and artistic movements.

ENG-L 381 Recent Writing (3 cr.) P: ENG-W 131 with a grade of C or higher. Selected writers of contemporary significance. May include relevant groups and movements (such as black writers, poets of projective verse, new regionalists, parajournalists and other experimenters in pop literature, folk writers, and distinctively ethnic writers); several recent novelists, poets, or critics; or any combination of groups.

ENG-L 383 Studies in British or Commonwealth Culture (3 cr.) P: ENG-W 131 with a grade of C or higher. Study of a coherent period of British or Commonwealth culture (such as medieval, Elizabethan, or Victorian England, or modern Canada), with attention to the relations between literature, the other arts, and the intellectual milieu.

ENG-L 384 Studies in American Culture (3 cr.) P: ENG-W 131 with a grade of C or higher. Study of a coherent period of American culture (such as the Revolution, the Progressive Era, the Great Depression) with attention to the relations between literature, the other arts, and the intellectual or social milieu.

ENG-L 389 Feminist Literary and Cultural Criticism (3 cr.) P: ENG-W 131 with a grade of C or higher. Selected critical approaches to the issue of gender over time and in various cultural settings. Topics vary, including feminist criticism and popular culture, the history of feminist expository prose, deconstructionism, and feminism.

ENG-L 391 Literature For Young Adults (3 cr.) Study of books suitable for junior high and high school classroom use. Special stress on works of fiction dealing with contemporary problems, but also including modern classics, biography, science fiction, and other areas of interest to teenage readers.

ENG-L 394 Film and Literature (3 cr.) The course approaches the analysis of films through the cinematic equivalents of the tools of literary criticism. It will introduce students to the elements of filmmaking and the methods of literary analysis as a way of reaching an understanding of how films mean.

ENG-L 395 British and American Film Studies (3 cr.) P: ENG-W 131 with a grade of C or higher. Intensive study of specific topics related to film narratives; emphasis on American or British film as a cultural phenomenon. Topic varies.

ENG-L 406 Topics in African American Literature (3 cr.) P: ENG-W 131 with a grade of C or higher. Intensive study of specific topics in African American literature. Topic varies.

ENG-L 450 Seminar: British and American Authors (3 cr.) P: ENG-W 131 with a grade of C or higher. Intensive study of a major author or a school of closely related authors.

ENG-L 460 Seminar: Literary Form, Mode, and Theme (3 cr.) P: ENG-L 202/371 and three additional ENG-L courses or permission of instructor. Study of texts written in several historical periods united by a common mode or form (narrative, romanticism, lyric, etc.), or by a common theme (bildungsroman, the city and the country, the two-cultures question, the uses of literacy, etc.).

ENG-L 470 Seminar: Literature and Interdisciplinary Studies (3 cr.) P: ENG-W 131 with a grade of C or higher. Study of a body of English or American literature in relation to another discipline (philosophy, art, history, linguistics, psychology, etc.), or in light of critical theory (structuralist, psychoanalytic, genre theory, etc.).

ENG-L 480 Seminar: Literature and History (3 cr.) P: ENG-W 131 with a grade of C or higher. Study of a body of literature in relation to a period of history, to a theory of history, or to an historical theme.

ENG-W 303 Writing Poetry (3 cr.) P: ENG-W 203 and ENG-W 206. May be repeated once for credit. May not be counted twice for the major.

ENG-L 495 Individual Reading in English (1-3 cr.) P: Consent of instructor. May be repeated once for credit.

ENG-L 498 Internship in English (1-3 cr.) Supervised experience in teaching undergraduate English course or in editing departmentally based journal or allied publication. Repeatable up to 3 units.

ENG-L 503 Teaching of Literature in College (2-4 cr.) Classroom teaching of literature in the light of current approaches. Repeatable up to 4 units.

ENG 553 STUDIES IN LITERATURE (3 cr.)

ENG-L 625 Readings in Shakespeare (4 cr.) Critical analysis of selected texts.

ENG-L 651 American Literature 1609-1800 (4 cr.) Intensive historical and critical study of all genres from John Smith through Charles Brockden Brown.

ENG-L 655 AMER LIT & CULTURE 1900-1945 (3 cr.) Study of American literature and culture from the turn of the century to 1945.

ENG-L 680 Special Topics in Literary Study and Theory (4 cr.) Readings in sociological, political, psychological, and other approaches to literature. Repeatable up to 8 units.

ENG-L 695 Individual Readings in English (1-4 cr.) Independent study. Repeatable up to 8 units.

ENG-W 100 Developmental Composition (3 cr.) P: Placement according to the IU Southeast English Placement Process. Emphasizes writing paragraphs and larger compositions; learning and practicing forms of academic writing; developing varied sentence structure; review of mechanics and usage. This is a student development course, and credit does not apply toward a degree.

ENG-W 130 Principles of Composition (3 cr.) P: Placement according to the IU Southeast English Placement Process. For students who need a semester of writing instruction before taking ENG-W 131. Practice in writing papers for a variety of purposes and audiences. Attention to sentence and paragraph structure.

ENG-W 131 Reading, Writing, & Inquiry I (3 cr.) P: Placement according to the IU Southeast English Placement Process. W131 teaches skills of critical reading, thinking, and writing to help students meaningfully engage artifacts, events, and issues in our world. The course builds students' abilities to read written and cultural texts critically; to analyze those texts in ways that engage both students' own experiences and the perspectives of others; and to write about those texts for a range of audiences and purposes as a means of participating in broader conversations. Assignments emphasize the analysis and synthesis of sources in making and developing claims.

ENG-W 132 Elementary Composition 2 (3 cr.) P: ENG-W 131 with a grade of C or higher. Progresses from practice of simple description, narration, and exposition to practice of persuasion and documentation in support of a thesis.

ENG-W 203 Creative Writing (3 cr.) P: ENG-W 131 with a grade of C or higher. Exploratory course in writing in

which students write both poetry and fiction. Taught as a workshop. May be repeated once for credit. May not be counted twice for the major.

ENG-W 206 Introduction to Creative Writing (3 cr.)

Provides students with the opportunity to develop their creative writing skills, and gives them a working knowledge of the basic principles of fiction, poetry and drama.

ENG-W 207 Introduction to Fiction Writing (3 cr.)

P: ENG-W 131 with a grade of C or higher. An introduction to the techniques and principles of fiction writing. Written assignments, workshop discussions of student work in progress, seminar study of classic and contemporary examples of the genre.

ENG-W 231 Professional Writing Skills (3 cr.) P: ENG-W 131 with a grade of C or higher or equivalent.

To develop writing skills requisite for most professional activities. Emphasis on methods of research, organization, and writing techniques useful in preparing business and professional memos, letters, reports, and proposals.

ENG-W 234 Technical Report Writing (3 cr.) P: ENG-W 131 with a grade of C or higher.

Instruction in preparing engineering and other technical proposals and reports, with an introduction to the use of graphics.

ENG-W 250 Writing in Context (3 cr.) P: ENG-W 131 or equivalent.

A course designed to provide a subject-matter context for reading, writing, and research assignments of increasing complexity. Topics of general interest (e.g., autobiography, nature writing, science and society, teacher and child, American business, prison life, etc.) vary from section to section.

ENG-W 270 Argumentative Writing (3 cr.) P: ENG-W 131 with a grade of C or higher.

Offers instruction and practice in writing argumentative essays about complicated and controversial issues. The course focuses on strategies for identifying issues, assessing claims, locating evidence, deciding on a position, and writing papers with clear assertion and convincing arguments.

ENG-W 290 Writing in the Arts and Sciences (3 cr.)

P: ENG-W 131 with a grade of C or higher. An introduction to academic writing as a means of discovery and record. Study of and practice in the procedures, conventions, and terminology of the humanities, social sciences, and natural sciences. Research-intensive.

ENG-W 300 Writing for Teachers (3 cr.) P: ENG-W 131 with a grade of C or higher.

The study of writing in relation to the teaching of writing in the schools. Students will evaluate their own writing strengths and weakness and complete a series of writing assignments meant to improve their writing skills. Additionally, students will read current, selected works in composition theory and learn how to apply their new understandings about writing to various teaching situations.

ENG-W 301 Writing Fiction (3 cr.) P: ENG-W 203 and ENG-W 206. May be repeated once for credit. May not be counted twice for the major.

ENG-W 303 WRITING POETRY (3 cr.) Further exploration in the art of poetry writing.

ENG-W 311 Writing Creative Nonfiction (3 cr.) P: ENG-W 203 and ENG-W 206. Writing workshop in such modes

as personal essay, autobiography, or documentary. May be repeated once. May not be counted twice for the major.

ENG-W 315 Writing for the Web (3 cr.) P: ENG-W 131 with a grade of C or higher.

This course introduces students to new forms of writing (beyond word processing and desktop publishing) made possible by computers - hypertext, electronic mail, and computer conferencing - and explores what impact these forms will have on literacy skills for writers and readers of such computer-delivered texts.

ENG-W 331 Business and Administrative Writing (3 cr.) P: ENG-W 131 with a grade of C or higher.

Emphasis on proposals, presentations, collaborative and individual reports needed within a business, administrative, or organizational setting. Students discover how the process and products of writing shape organizational culture by studying documents organizations use, from hiring to setting ethical standards, as they communicate both internally and globally.

ENG-W 350 Advanced Expository Writing (3 cr.)

P: ENG-W 131 with a grade of C or higher or equivalent. Close examination of assumptions, choices, and techniques that go into a student's own writing and the writing of others.

ENG-W 364 The Art of Magazine Editing for Publication and Production (3 cr.) P: ENG-W 131 with a grade of C or higher.

Examines the writing process from the perspective of the manager who supervises the writing of texts that become products: books, newsletters, websites, etc. It explores the document production process, focusing on design, desktop publishing, web publishing, and the stages of writing project management.

ENG-W 371 RHETORICAL PRACTICES (3 cr.)

Rhetorical theory and history from ancient to modern times.

ENG-W 395 Individual Study of Writing (1-3 cr.)

P: ENG-W 131 with a grade of C or higher. Exercise in the study of written expression and communication in informative, persuasive, or imaginative writing. May be repeated once for credit. May not be counted twice for the major.

ENG-W 397 Writing Center Theory and Practice (3 cr.)

This course will introduce student tutors to research and theory on the writing process, revision, and writing centers, which assumed an important place in composition studies, as writing centers have been an entry point into the field for many scholars/teachers. Areas of focus are scholarship and pedagogy, politics of literacy education and development of reflective tutoring practices.

ENG-W 398 Internship in Writing (1-3 cr.) Combines

study of writing with practical experience of working with professionals in journalism, business communication, or technical writing. Researched reports are required. Evaluations made by both supervisor and instructor. Repeatable up to 6 units.

ENG-W 401 Advanced Fiction Writing (3 cr.) P: 6 credit hours in ENG-W 203/ENG-W 206, and ENG-W 301.

Focused work in the art and profession of fiction writing. May be repeated once for credit. May not be counted twice for the major.

ENG-W 403 Advanced Poetry Writing (3 cr.) P: 6 credit hours in ENG-W 203/ENG-W 206, and ENG-W 303. Focused work in the art and profession of poetry writing. May be repeated once for credit. May not be counted twice for the major.

ENG-W 405 Writing Prose Nonfiction (3 cr.) P: ENG-W 131 with a grade of C or higher. Variable topics related to the production of non-fiction prose. Includes an intensive written project that may involve research as well as production of essays.

ENG-W 411 Directed Writing (1-3 cr.) Description of project as assigned by instructor consenting to direct it. Individual critical projects worked out with faculty member. Credit varies with scope of the project.

ENG-W 420 Argumentative Writing (3 cr.) P: ENG-W 131 with a grade of C or higher. Presents argument as a process of inquiry. Applies critical and creative thinking to analyzing and composing effective argument. Addresses contexts and ideologies as a component of audience receptivity to ideas. Writers form and test ideas from pluralistic perspectives on controversial issues about which reasonable people disagree, including culture-sensitive issues such as gender, race, ethnicity, etc.

ENG-W 490 Writing Seminar (3 cr.) P: Writing concentration majors must complete A) ENG-W 290, B) ENG-W 350 or ENG-W 420; and C) at least one other writing course (ENG-W) at the 200 level or above before enrolling in W490. W290 should be taken in the sophomore year. A capstone writing seminar for English writing concentration majors. Students will produce a major research-based project in nonfiction prose that will be presented in a public forum (such as a student research conference) or that contains another applied learning component to be approved by the instructor.

ENG-W 426 WRITING NONFIC:POP&PROF PUBLCTN (3 cr.) Students in this Honors course will integrate and apply academic writing skills gained from their previous academic work. They will compose documents appropriate for business and organizational purposes and explore the marketing process for freelance writing.

ENG-W 500 Teaching Composition: Issues and Approaches (4 cr.) P: Graduate standing. Consideration of fundamental issues in the teaching of writing and the major approaches to composition instruction. Specific topics include teaching invention and revision, diagnosing errors, teaching style and organization, making assignments, and evaluating student writing.

ENG-W 501 PRACTICUM ON TEACHING OF COMP (3 cr.) Practical teaching of composition; current theories and policies.

ENG-W 508 GRAD CREATIVE WRITING-TEACHERS (3 cr.) Offers current and future teachers insights into the creative writing process, teaches them to think as writers do, suggest strategies for critiquing creative work, and provide guidance in developing creative-writing curriculum. Emphasis on hands-on writing activities in three genres, adaptable for use with students at entry level.

ENG-W 600 TPCS IN RHETORIC & COMPOSITION (3 cr.) Covers selected issues in current composition and rhetorical theory.

ENG-W 609 Directed Writing Projects (1-4 cr.) Individual creative or critical projects negotiated with the professor who agrees to offer tutorial assistance. Repeatable up to 8 units.

ENG-W 611 WRITING FICTION 1 (3 cr.)

ENG-W 615 Writing Creative Nonfiction (4 cr.) Writing workshop in such modes as personal essay, autobiography, and documentary.

Fine Arts (FINA)

FINA-A 101 Ancient and Medieval Art (3 cr.) A survey of major styles and monuments in art and architecture from prehistoric times to the end of the Middle Ages.

FINA-A 102 Renaissance through Modern Art (3 cr.) A survey of major artists, styles, and movements in European and American art and architecture from the fifteenth century to the present.

FINA-A 150 Africa, New World, and Oceanic Art (3 cr.) A survey of the arts and cultures of the native peoples of Africa, North and South America, and the South Pacific. FINA-A 150 and FINA-A 458 may not both be taken for credit.

FINA-A 215 Ideation and Process (3 cr.) This course is designed to help Fine Arts/Design students develop their creative process deliberately and effectively. Working and researching both independently and collaboratively students will analyze, establish, and put into practice, strategies for concept development and creative problem solving as well as developing tools to help them approach, apply, and track a creative process from idea through construction and then to post-production assessment. Students will research and discuss their own creative practices as well as that of their peers and professional contemporaries. The course will include discussions, presentations and critiques, exercises, lectures, research, writing, and readings.

FINA-A 270 Women in the History of Art (3 cr.) P: ENG-W 131. Women artists from the Renaissance through modern times and the problems affecting women artists during these periods. Does not count as part of art history requirements for art majors.

FINA-A 315 Art of the Ancient World (3 cr.) P: ENG-W 131, ENG-W 290. A study of the architecture, sculpture, painting, and ceramics of the ancient world. Emphasis on ancient Greece and Rome.

FINA-A 322 Romanesque and Gothic Arts (3 cr.) P: ENG-W 131, ENG-W 290. Survey of the art of the high Middle Ages from the eleventh through the fifteenth centuries, with an emphasis on architecture and sculpture in England, France, Germany, and Italy.

FINA-A 343 American Art (3 cr.) P: ENG-W 131, ENG-W 290. The history of American art from colonial times to the present.

FINA-A 362 The Art of Japan (3 cr.) P: ENG-W 131, ENG-W 290. A survey of Japanese art from the Jomon to the nineteenth century.

FINA-A 400 Senior Seminar in Art History (4 cr.) P: Required of Art History majors. Senior standing and

consent of instructor. Intensive examination of selected topics in art history. May be repeated once.

FINA-A 401 Art Theory-Senior (3 cr.) Required of BA studio majors. Must be taken during the 400-level studio sequence. This course is designed to cover a broad range of concerns vital to the art major, including graduating senior exhibition, contemporary theory, continued study in graduate school, and/or careers in the professional art world.

FINA-A 402 Arts of Native North America (3 cr.)
P: ENG-W 131, ENG-W 290. A survey of the history of North American First Nations peoples' art from archaic to contemporary times.

FINA-A 403 Baroque and Rococo Art (3 cr.) P: ENG-W 131, ENG-W 290. The history of the art of both northern and southern Europe during the seventeenth and early eighteenth centuries.

FINA-A 404 Modernism: Art, Politics, and Innovation, 1850 to 1900 (3 cr.) P: ENG-W 131, ENG-W 290. This course will examine Western art from the mid- to the end of the nineteenth century. Topics will include Realism and Naturalism, the origins of the avant-garde, the emergence of photography, architecture and design in the age of industry, Impressionism, Post- and Neo-Impressionism, the appeal of the modern and modernity, newly developing modes of abstraction, symbolism, and the origins of the twentieth century artistic avant-gardes.

FINA-A 405 Art of the Northern Renaissance (3 cr.)
P: ENG-W 131, ENG-W 290. The history of painting and sculpture outside Italy during the fifteenth and sixteenth centuries.

FINA-A 406 Art of the Italian Renaissance (3 cr.)
P: ENG-W 131, ENG-W 290. The history of Italian art beginning with the Proto-Renaissance in the thirteenth century through the High Renaissance of the sixteenth century.

FINA-A 439 The Historical Avant-Gardes: Art from 1900 to 1945 (3 cr.) P: ENG-W 131, ENG-W 290. This course familiarizes students with the major historical avant-garde art movements from 1900 to 1945. Students will be introduced to Fauvism, Cubism, Futurism, Dada, Suprematism, Constructivism, and Surrealism, among others. Although the course focuses on Europe, the international manifestations of these movements will also be introduced.

FINA-A 440 Nineteenth-Century Painting 1 (3 cr.)
P: ENG-W 131, ENG-W 290. Major painters and artistic movements in Western Europe and the United States during the nineteenth century.

FINA-A 451 Art of the South Pacific (3 cr.) P: ENG-W 131, ENG-W 290. A survey of the arts of Pacific island groups. Emphasis on Polynesia, Micronesia, and Melanesia.

FINA-A 452 Art of Pre-Columbian America (3 cr.)
P: ENG-W 131, ENG-W 290. A survey of pre-contact arts of the Americas south of the Rio Grande.

FINA-A 456 The Art and Culture of Samoa, Western Polynesia (3 cr.) P: Consent of instructor. The program will take place in the independent Pacific nation of Samoa and will introduce students to Samoan art and culture. The

course work is designed to provide the student with two options: a series of hands-on workshops on the heritage arts of textile creation and decoration led by specialist artists, or the development of an individual research or creative project.

FINA-A 457 Experimental Art Since 1945 (3 cr.)
P: ENG-W 131, ENG-W 290. This course familiarizes students with major art movements in contemporary art since 1940 in Europe and the United States, and globally since 1980, introducing avant-garde art movements and related transnational developments. It presents concepts of modernism and postmodernism, among others.

FINA-A 458 Topics in the Ethnographic Arts: The Art of Africa, the Pacific, and the Americas (3 cr.) P: ENG-W 131, ENG-W 290. Specific topics of particular interest in the ethnographic arts. Topics thematically based. FINA-A 150 and A 458 may not both be taken for credit.

FINA-A 490 Topics in Art History (3 cr.) P: ENG-W 131, ENG-W 290. Individual topics vary. Will be listed in course schedule. May be repeated with consent of instructor.

FINA-A 495 Reading and Research in Art History (1-4 cr.) P: ENG-W 131, ENG-W 290 and consent of instructor. Individual-directed study of art history topics. May be repeated for a total of 8 credit hours.

FINA-D 210 Digital Art: Survey and Practice (3 cr.)
Beginning class on digital media's role in the world of art production and reception. Class emphasizes learning to use digital media to produce original, creative artwork. Topics include digital imaging, communicative art, and interactivity. May be taken concurrently with FINA-F 100, FINA-F 101, or FINA-F 102.

FINA-D 310 Interactive Multimedia (3 cr.) P: FINA-S 217. A study of the principles and fundamental techniques for creating multimedia projects that explore their potential for critical artistic expression. The course will examine issues specific to onscreen interaction and time-based media. Tools such as Flash, Dreamweaver, and other supporting programs will be covered.

FINA-D 410 Advanced Multimedia (3 cr.) P: FINA-D 310. A broad range of aesthetic and conceptual issues related to digital material and electronic interactivity. Students are encouraged to develop art projects using digital multimedia, video, hypertext, or the incorporation of object-based media. Dialogue of timely issues through readings, screenings, websites, and gallery visits.

FINA-D 412 B.F.A. Digital Art (1-6 cr.) P: Admission into the B.F.A. program in digital art. Directed, advanced study and production of a body of work leading to B.F.A. exhibition. Students meet independently with instructor and in group critiques to maintain a dialogue and provide technical advice. May be repeated for a total of 15 credit hours.

FINA-F 100 Fundamental Studio - Drawing (3 cr.) A basic course for the development of visual awareness and coordination of perceptual and manual skills; seeing, representing, and inventing on an experimental, exploratory level on a two-dimensional surface. Problems in composition as well as hands-on work with the formal elements of art: line, shape, space, value, texture. May be

taken concurrently with FINA-F 101, FINA-F 102, or FINA-D 210.

FINA-F 101 Fundamental Studio - 3D (3 cr.) A basic course in the area of three-dimensional design, with emphasis on the art elements of line, plane, and volume. Development of skills in basic media, techniques, and tools commonly used in the creation of three-dimensional art forms. Projects involve the three-dimensional processes of substitution and the additive and subtractive methods, including casting, modeling, carving, and constructing, through the use of a variety of sculptural materials. May be taken concurrently with FINA-F 100, FINA-F 102, or FINA-D 210.

FINA-F 102 Fundamental Studio - 2D (3 cr.) Emphasis on color theory and color relationships along with the principles and dynamics of two-dimensional design. May be taken concurrently with FINA-F 100, FINA-F 101, or FINA-P 273.

FINA-G 400 B.F.A. Final Review (0 cr.) Final portfolio review for B.F.A. program.

FINA-G 405 B.A. Senior Exhibition (0 cr.) Preparation of required senior exhibition of student artwork. Students will create, prepare and install creative works. Students will also design and distribute an announcement for exhibit.

FINA-G 551 Graduate Design (1-30 cr.) Graphic Design as an integral element of all visual communication media. Self-defined and assigned study to assure as wide as possible exposure to the problem solving process. Repeatable up to 36 units.

FINA-H 100 Introduction to Art History and Visual Culture (3 cr.) P: ENG-W 131. C: ENG-W 131 The purpose of this course is to acquaint students with outstanding works of art and provide an approach to appreciation through knowledge of purposes, techniques, forms, and content. Does not count toward the Fine Arts major.

FINA-N 108 Introduction to Drawing for Non-Majors (3 cr.) Drawing Fundamentals introduces the student to the basic elements of drawing. Line, shape, value, and perspective will be studied before moving on to the more complex use of color, landscape, and still life will be the source of subject matter for the semester. Repeatable up to 6 units.

FINA-N 110 Introduction to Studio Art (3 cr.) A general introduction to painting, drawing, printmaking, and ceramics for the nonmajor.

FINA-N 274 Digital Imaging (3 cr.) A course designed for non-art majors. Students will learn to apply basic art and design fundamentals to the personal computer. Areas such as page layout and illustration will be covered in assigned problems.

FINA-P 323 Introduction to Web Design (3 cr.) P: FINA-D 210 Recommended. Explore the vast potential and role of technology and graphics in web design, both as a platform for creating entire website prototypes and individual visual elements. An emphasis will be placed on obtaining strong conceptualization, content, functionality and software knowledge. This course aims to prepare the students for future website development. Knowledge of Mac Platform recommended.

FINA-S 165 Ceramics for Nonmajors (3 cr.) Introduction to ceramics through hand-building techniques, glazing and firing, and clay body preparations. Lectures and discussion included on ceramic techniques, aesthetics, and theory.

FINA-S 196 CERAMICS FOR NON-MAJORS PRINTMAKING FOR NON-MAJORS (3 cr.)

Understanding of basic printmaking techniques through hands-on experience with monotype, relief, and intaglio (etching).

FINA-S 200 Drawing 1 (3 cr.) P: FINA-F 100. Introduction to drawing through a variety of drawing media, stressing basic visual awareness; seeing, representing, and technical command on a two-dimensional surface. Problems in handling placement, line, space, volume, value, and formal articulation.

FINA-S 210 Printed and Dyed Textile Design I (3 cr.) Introduction to continuous yardage design on fabrics by block printing. Experiments with small silkscreens, tie-dye, and batik.

FINA-S 217 Video Art (3 cr.) P: FINA-F 100, FINA-D 210. Exploration of the medium of video as an aesthetic expression. Time and sound are elements incorporated into visual composition's traditional concerns. Emphasis on technical command of video camera and digital editing procedures in conjunction with development of a visual sensitivity. Reading and a research project are required.

FINA-S 230 Painting 1 (3 cr.) P: FINA-F 100, FINA-F 102. Introduction to painting in oil. Study of the spatial and expressive qualities of color, with an emphasis on composition and pictorial design. Development of technical skills in image making through exploration of traditional and modern methods of paint application. Introduction to surface preparation, framing, and display of paintings.

FINA-S 239 PAINTING FOR NON-MAJORS (3 cr.) Introduction to painting in oil. Study of the spatial and expressive qualities of color, with an emphasis on composition and pictorial design. Development of technical skills in image making through exploration of traditional and modern methods of paint application. Introduction to surface preparation, framing, and display of paintings. (Will not count toward a major in Fine Arts.)

FINA-S 240 Printmaking 1 (3 cr.) P: FINA-F 100, FINA-F 102. Introduction to printmaking. Study of traditional and contemporary techniques, including, but not limited to intaglio (etching), monotype, and relief. Problems in pictorial composition will be emphasized along with understanding of technique. Appreciation and sensitivity to the art of the print will be cultivated.

FINA-S 250 Graphic Design 1 (3 cr.) Drawing and perception in the history and practice of visual communication, including a basic introduction to the field and exercises with pencil, marker, computer, and other tools, to produce symbols, letter forms, and symbol-letter combinations.

FINA-S 254 Beginning Typography (3 cr.) P: FINA-F 100, FINA-F 101, and FINA-P 273. The study of the art of typography. The course focuses on learning and applying

basic typographical terminology as it relates to the field of graphic design.

FINA-S 260 Ceramics 1 (3 cr.) P: FINA-F 100, FINA-F 101. Introduction to ceramics through hand building techniques, glazing and firing, and clay body preparation. Lectures and discussion included on ceramic techniques, aesthetics, and theory.

FINA-S 270 Sculpture 1 (2-3 cr.) Foundation in basic technical and formal methods of traditional and contemporary sculpture. Use of tools and equipment for additive and subtractive techniques include: wood construction, steel fabrication, clay modeling, plaster mold making and cold casting, and assemblage. Emphasis placed on technical execution, conceptualization and creative problem solving. Repeatable up to 6 units.

FINA-S 291 Fundamentals of Photography (3 cr.) P: FINA-S 217. Basic practice of digital camera operation, exposure calculation, exposing, image file management, image optimization and digital printing. Guidance toward establishment of a personal photographic aesthetic.

FINA-S 301 Drawing 2 (3 cr.) P: FINA-S 200. Intermediate course in drawing from the model and other sources. Emphasis on technical command of the media in conjunction with the development of visual awareness. Continued problems from FINA-S 200 with additional emphasis on individual awareness and sensitivity to media, surface, and content.

FINA-S 305 Internship: Graphic Design (1-12 cr.) P: Permission of instructor required. Practical experience in graphic design. May be repeated.

FINA-S 306 Digital Illustration (3 cr.) P: FINA-F 100, FINA-D 210. An introduction to digital drawing and painting. Emphasis is on developing conceptual skills and narrative compositions.

FINA-S 310 Photography (3 cr.) Photography introduces students to the digital darkroom. The course offers an overview of digital photography and imaging software used to enhance, manipulate and montage photographs. Students will explore a variety of ways to express visual ideas through digital images. Assignments explore visual creative problem solving and creative output of fine art photographs.

FINA-S 331 Painting 2 (3 cr.) P: FINA-S 230. Intermediate course in painting, with an emphasis on the technical command of both oil and acrylic media. Continued study in composition and pictorial design in painting. Further development in traditional and modern methods of paint application with an emphasis on individual experimentation.

FINA-S 341 Printmaking 2: Intaglio (3 cr.) P: FINA-S 240. Continuation of intaglio study begun in FINA-S 240, with emphasis on traditional and contemporary modes of expression. Semester work includes experimentation with color printing techniques. Problems in pictorial composition will be stressed with emphasis on technical competency.

FINA-S 343 Printmaking 2: Lithography (3 cr.) P: FINA-S 240. Advanced study with emphasis on plate and stone lithography. Problems in pictorial composition,

drawing issues, and experimentation with technique will be stressed.

FINA-S 344 Printmaking 2: Silkscreen (3 cr.) P: FINA-S 240. Intermediate screen-printing techniques.

FINA-S 345 Life Drawing (3 cr.) P: FINA-S 200. Detailed study of the human form. Emphasis will be on rendering, mood, expression, and skeletal and muscular structure.

FINA-S 348 Printmaking 2: Relief (3 cr.) P: FINA-S 240. Intermediate relief printing techniques.

FINA-S 351 Graphic Design 2 (3 cr.) P: FINA-F 100, FINA-D 210. Studies in visual communication concentrating on typography as it relates to other design elements in practical design application.

FINA-S 352 Graphic Design 3 (3 cr.) P: FINA-S 250, FINA-S 351. Graphic design course emphasizing production techniques.

FINA-S 361 Ceramics 2 (3 cr.) P: FINA-S 260. Continued practice in ceramics and introduction to throwing on the wheel. Lectures and discussion included on techniques, aesthetics, and theory. May be repeated once in fulfilling the BA in Fine Arts only.

FINA-S 371 Sculpture 2 (3 cr.) Development of skills in both traditional and contemporary sculpture methodology. Rotating semester topics include figurative sculpture, carving, casting, steel/wood construction, computer-aided machining and rapid prototyping, installation art, and public art. Emphasis on the exploration of ideas through the sculptural form and knowledge of materials and historical traditions. Repeatable up to 6 units.

FINA-S 392 Intermediate Photography (3 cr.) Practice of black and white photography: camera work, darkroom practices, appreciation of photographs and experience in expressive use of the medium.

FINA-S 401 Drawing 3 (3 cr.) P: 6 hours in FINA-S 301. Advanced drawing from the model and other sources using a variety of media, both conventional and invented. Craftsmanship, content, and personal style are stressed.

FINA-S 405 B.F.A. Drawing (1-6 cr.) P: FINA-S 200 and accepted into B.F.A. studio major. Continuing opportunity for extensive practice in the drawing craft. Craftsmanship, content, and personal style are stressed. May be repeated for a total of 15 credit hours.

FINA-S 417 Hand Papermaking (3 cr.) This course will introduce students to the basic techniques of creating hand-made sheets of paper from both recycled and beaten fibers. Students will experiment with various fibers, additives, pigments, and pulp painting techniques to create one-of-a-kind sheets of hand-formed papers.

FINA-S 431 Painting 3 (3 cr.) P: FINA-S 331. Advanced course in painting aimed at the continued mastery of technical skills, with an emphasis on individual solutions to pictorial and conceptual problems in painting.

FINA-S 432 B.F.A. Painting (1-6 cr.) P: FINA-S 230 and accepted into B.F.A. studio major. Concentrated studio projects within the framework of the B.F.A. painting program. Attention to content, craftsmanship, intent, and resources. May be repeated for a total of 15 credit hours.

FINA-S 438 Water Media (3 cr.)

This class is intended to give students experience in painting with water-based media, including acrylic, watercolor, and mixed media. This course is comprised of studio practice (both in-studio and outside), demonstrations, slide presentations and critiques.

May be repeated up to 9 credits

FINA-S 441 Printmaking 3: Intaglio (3 cr.) P: 6 credits in FINA-S 341 or FINA-S 343. Advanced problems in intaglio and color printing techniques for qualified students.

FINA-S 442 B.F.A. Printmaking (1-6 cr.) P: FINA-S 240 and accepted into B.F.A. studio major. Directed advanced study in printmaking. May be repeated for a total of 15 credit hours.

FINA-S 443 Printmaking 3: Lithography (3 cr.) P: 6 credits in FINA-S 341 or FINA-S 343. Advanced work in lithography, including color-printing techniques for qualified students. May be repeated once in fulfilling the BA in Fine Arts only.

FINA-S 444 Printmaking III Silkscreen (1-20 cr.) Advanced work in silkscreen for qualified students. Also open for non-M.F.A. printmaking students on the graduate level. Repeatable up to 20 units.

FINA-S 445 Relief Printmaking Media (1-3 cr.) Relief printmaking media: woodcut, linocut, monotype, and collograph. Students create prints in each medium in both black-and-white and color using a variety of traditional and innovative techniques such as photo and the computer. Repeatable up to 20 units.

FINA-S 451 Graphic Design 4 (3 cr.) P: FINA-S 250, FINA-S 351, FINA-S 352. Professional problem solving in graphic design. May be repeated once.

FINA-S 452 B.F.A. Graphic Design (1-6 cr.) P: FINA-S 250 and accepted into B.F.A. studio major. Directed, advanced study in graphic design. May be repeated for a total of 15 credit hours.

FINA-S 461 Ceramics 3 (3 cr.) P: FINA-S 361. Advanced study in ceramic studio practice. Advanced study of finishing techniques, clay body preparation, and glaze formulation. Lectures and discussion included on techniques, aesthetics, and theory. Individualized course of study with a concentration on artistic development.

FINA-S 462 B.F.A. Ceramics (1-6 cr.) P: FINA-S 260 and accepted into B.F.A. studio major. Continuing opportunity for extensive practice in clay techniques. May be repeated for a total of 15 credit hours.

FINA-S 463 Topics in Studio Ceramics (3 cr.) P: FINA-S 260 or consent of instructor. Selected specialized topics in studio ceramics. May be repeated twice for a total of 9 credit hours.

FINA-S 490 Advanced Photography I (3 cr.) Repeatable up to 60 units.

FINA-S 492 Advanced Photography 2 (1-20 cr.) Repeatable up to 20 units.

FINA-S 495 Advanced Photo Systems (3-5 cr.) The photographic process as a system, study of the nature and behavior of its several components, and the manner and means of their interaction.

FINA-S 497 Independent Study in Studio Art (1-6 cr.)

Advanced independent work in studio area of student's choice. Emphasis on self-motivation and self-direction in addition to intensive furthering of skills and concepts already obtained in studio classes. Repeatable up to 21 units.

FINA-S 531 Graduate Painting (1-30 cr.) Repeatable up to 30 units.

FINA-S 541 Graduate Printmaking (1-30 cr.) Repeatable up to 40 units.

FINA-S 561 Graduate Deramics (1-30 cr.) Repeatable up to 40 units.

FINA-T 338 Special Topics in Digital Media (3 cr.)

Various topics in new media. May be repeated once.

FINA-U 400 B.F.A. Seminar: Sources and Resources - Professional Skills in Fine Arts (3 cr.) Focuses on both personal and cultural issues in aesthetics and on building professional skills for careers in art.

FINA-U 401 Special Topics in Studio Art (3 cr.) Special topics in studio art not ordinarily covered in other Fine Arts program courses.

Germanic Languages (GER)

GER-G 100 Elementary German I (4 cr.) Students who have studied German must take a placement test before enrolling. Introduction to present-day German and selected aspects of German culture. Survey of the language: structure and meaning. Introduction to German grammatical forms and their function. Development of listening comprehension, simple speaking proficiency, controlled reading and writing skills. Attendance in the language lab may be required.

GER-G 150 Elementary German II (4 cr.) Students who have studied German must take a placement test before enrolling. Introduction to present-day German and selected aspects of German culture. Survey of the language: structure and meaning. Introduction to German grammatical forms and their function. Development of listening comprehension, simple speaking proficiency, controlled reading and writing skills. Attendance in the language lab may be required.

GER-G 200 Intermediate German I (3 cr.) P: GER-G 150 or equivalent. Further development of oral and written command of language structures. Reading of literary and nonliterary texts. Attendance in the language lab may be required.

GER-G 250 Intermediate German II (3 cr.) P: GER-G 200 or equivalent. Review of selected grammatical items. Reading of modern German prose and plays with stress on discussion in German. Writing of descriptive and expository prose based on the reading material. Attendance in the language lab may be required.

GER-G 255 Tradition & Innovation in German Lit (3 cr.) Recommended for students with no knowledge of German or those in first- and second-year language courses who wish to gain early acquaintance with German literature. Emphasis on such writers as Kafka, Brecht, Hesse, Mann, Goethe, Schiller, and Lessing. No credit given for German majors.

GER-G 275 Deutsch: Mittelstufe I (3 cr.) P: GER-G 250 Intensive review of selected grammatical topics and continued practice of composition and conversation. Conducted in German.

GER-G 305 Introduction to German Literature: Types (3 cr.) P: GER-G 250. Study of literary genres (narrative, dramatic, lyric), with examples of each selected from two or more periods.

GER-G 306 Introduction to German Literature: Themes (3 cr.) P: GER-G 305. Study of a single literary theme (such as music, generational conflict, love, revolution) as presented in two or more periods.

GER-G 310 Deutsch: Mittelstufe II (3 cr.) P: GER-G 275 Advanced oral and written communication. Study of selected advanced grammatical topics. Reading of primarily nonliterary texts. Conducted in German.

GER-G 311 Composition and Conversation (3 cr.) P: GER-G 250 or equivalent. Conversation, writing, and vocabulary building coordinated with readings of contemporary concerns, both nonfiction and fiction. Conducted in German.

GER-G 345 Introduction to Practical Translation Techniques I (3 cr.) P: GER-G 250, equivalent placement score, or permission of the department. German 345 is the first part of a two-course sequence that perfects the knowledge and skills acquired in the first four semesters while emphasizing the practical application of the language when translating into and out of English. Although the course will strive to achieve a balanced development of speaking, listening, reading, and writing skills, as well as acquire a renewed appreciation for the history and culture of German-speaking nations, there will be a focus on the written aspect of German and its relevance to speakers of English in an academic and professional environment. After briefly reviewing the history and basic theory of translation, as well as contemporary approaches to the discipline as pertains to English-speaking societies, most specifically that of the United States, this course will further develop skills from a translator's point of view, realizing that effective communication and understanding require constant practice. Meaningful written and oral translation activities within the contextualized study of German-speaking societies, and their geography, literature and current events will form integral parts of the learning process so as to enhance abilities specifically geared toward the work place and advanced studies. The teaching techniques are student-centered, with the instructor as the facilitator, and the pedagogical goal is to solidify students' base as independent users of the language with a solid understanding of German and English translation, cognizant of the fact that translation is a serious skill and more than a just an ability that results as a byproduct of language acquisition.

GER-G 346 Introduction to Practical Translation Techniques II (3 cr.) P: GER-G 250. German 346 is the second part of a two-course sequence that perfects the knowledge and skills acquired in the first four semesters while emphasizing the practical application of the language when translating into and out of English. Although the course will strive to achieve a balanced development of speaking, listening, reading, and writing skills, as well as acquire a renewed appreciation for the

history and culture of German-speaking nations, there will be a focus on the written aspect of German and its relevance to speakers of English in an academic and professional environment. The first course introduced translation from a theoretical perspective and began developing the basic skills in translating. This course will further develop these skills with emphasis on specialized fields of translation as well as translation into different registers. Meaningful written and oral translation activities within the contextualized study of German-speaking societies, and their geography, literature and current events will form integral parts of the learning process so as to enhance abilities specifically geared toward the work place and advanced studies. The teaching techniques are student-centered, with the instructor as the facilitator, and the pedagogical goal is to solidify students' base as independent users of the language with a solid understanding of German and English translation, cognizant of the fact that translation is a serious skill and more than just an ability that results as a byproduct of language acquisition.

GER-G 362 Introduction to Contemporary Germany (3 cr.) An overview of contemporary German civilization, with attention to the other German-speaking countries. Political, economic, and social organization. Conducted in German.

GER-G 363 Introduction to German Cultural History (3 cr.) P: GER-G 250. A survey of the cultural history of German-speaking countries, with reference to its social, economic, and political context. Lectures in German; discussions in German or English.

GER-G 403 Medieval German Literature (3 cr.) P: GER-G 305 or GER-G 306. Historical survey of major literary developments from the Middle Ages to romanticism.

GER-G 404 Modern German Literature (3 cr.) P: GER-G 305 or GER-G 306. Historical survey of major literary developments from young Germany to recent writing in German-speaking Europe.

GER-G 415 Perspectives on German Literature (3 cr.) P: GER-G 306 or GER-G 306. Study of one aspect of German literature: formal, historical, political, psychological, etc. Relation to wider concerns in and outside of literature. Topic announced in the Schedule of Classes. May be repeated once with different topic.

GER-G 416 Studies in German Authors (3 cr.) P: GER-G 305 or GER-G 306. Life and works of a major author or group of authors. Topic announced in the Schedule of Classes. May be repeated once with different topic.

GER-G 418 German Film and Popular Culture (3 cr.) P: GER-G 305 or GER-G 306. Study of German film and/or other manifestations of German popular culture (television, music, cabaret, trivial literature of the twentieth century).

GER-G 464 German Culture and Society (3 cr.) P: GER-G 363. The interaction of social, intellectual, and artistic forces in German life of the past two centuries, with stress on important developments and figures. May be repeated once with a different topic for maximum of 6 credit hours.

GER-G 495 Individual Readings in Germanic Literature (1-3 cr.) Repeatable up to 6 units.

GER-V 405 CNTMP GER:SPEC TPC GER STUDIES

(3 cr.) Topics dealing with language, literature, and culture of any of the German-speaking countries, generally in the more recent historical periods. Conducted in German.

GER-V 415 Individual Readings in German Studies (1-3 cr.) May be repeated.

Gender Studies (GNDR)

GNDR-G 701 Grad Topics in Gender Studies (1-4 cr.)

Graduate students only. Selected topics with an interdisciplinary focus. Research paper required.

Health, Physical Education, and Recreation (HPER)

HPER-A 361 Coaching of Football (1.5 cr.)

Fundamentals of the offensive and defensive line and backfield play; technique of forward passing; outstanding rules; offensive plays; most frequently used defenses.

HPER-A 362 Coaching of Basketball (1.5 cr.)

Fundamentals of basketball shooting, passing, ball handling, and footwork; patterns against man to man, zone, and zone pressure defense. Includes principles, theories, techniques, and problems of basketball coaching and coaching psychology.

HPER-A 368 Coaching of Tennis (1.5 cr.) Theory and methods of coaching tennis, covering technical, administrative, and organizational aspects involved in the process. Emphasis placed upon principles, fundamentals, tactics, conditioning, psychology, conduct of practice sessions, and problems.

HPER-C 366 Community Health (3 cr.) Human ecology as it relates to interaction of social and physical phenomena in solving community health problems. Considers the promotion of community health, programs of prevention, environmental health, and health services.

HPER-E 181 Tennis (1 cr.) Beginning instruction in the fundamental skills of forehand and backhand strokes and serves. Competitive play in women's, men's, and mixed doubles.

HPER-E 185 Volleyball (1 cr.) Instruction in fundamental skills of power volleyball, including the overhand serve, bump, set, dig, and spike. Team offensive and defensive strategies.

HPER-F 255 Human Sexuality (3 cr.)**HPER-H 160 First Aid and Emergency Care (2-3 cr.)**

Course addresses cardiopulmonary resuscitation (CPR), rescue breathing, choking, wounds, bleeding, burns, sudden illnesses, musculoskeletal injuries, and defibrillation/ the use of Automated External Defibrillators (AEDs). Skills are practiced in small lab settings. Students may obtain American Red Cross certifications, including CPR/AED for the Professional Rescuer.

HPER-H 305 Women's Health (3 cr.) This course is designed to provide students with an opportunity to examine the relationship of women to health and health care. Five dimensions of health: physical, mental, emotional, social, and spiritual provide a framework for comparison and contrast of health concerns unique to women and common to both sexes at all ages.

HPER-H 317 Topical Seminar in Health Education

(1-3 cr.) The topical seminars will relate to current issues in the field of health education. May be repeated for credit if topic differs.

HPER-H 363 Personal Health (3 cr.) This survey course provides a theoretical and practical treatment of the concepts of disease prevention and health promotion. Course content includes topics such as emotional health; aging and death; alcohol, tobacco, and drug abuse; physical fitness; nutrition and dieting; consumer health; chronic and communicable diseases; safety; and environmental health.

HPER-H 518 Alcohol and Drug Education (1-3 cr.)

Alcohol and drug abuse in American society are probed in a comprehensive yet practical manner. Physiological, psychological, sociological, theological, and legal dimensions of the issue are explored through lectures, group discussions, guest speakers, and audio-visual presentations. Principles of teaching and counseling in drug education programs are discussed.

HPER-R 271 Dynamics of Outdoor Recreation (3 cr.)

Philosophical orientation to the field of outdoor recreation; camping, outdoor education, and natural resource management; with emphasis on programs, trends, resources, and values.

HPER-R 272 Recreation Activities and Leadership

Methods (3 cr.) P: HPER-R 160. Analysis of recreation program activities, objectives, determinants, and group dynamics involved in the leadership process. Identification and evaluation of equipment, supplies, and leadership techniques are included.

HPER-R 317 Seminar in Recreation and Parks (1-3 cr.)

Park and recreation current issues seminar. Topic varies with the instructor and year. May be repeated for credit if topic differs.

HPER-R 324 Recreational Sports Programming (3 cr.)

Overview of programmatic elements and techniques in recreational sports. Topics include informal, intramural, club, and extramural programming; values of recreational sports, programming techniques, publicity and promotion; faculty utilization, equipment, safety, liability, and program observation.

HPER-R 398 Practicum in Recreation, Park and

Tourism Studies (1-6 cr.) Practical field experience under faculty supervision and with seminar discussions. Repeatable for credit.

HPER-R 399 Readings in Recreation, Park, and

Tourism Studies (1-3 cr.) P: Consent of Instructor/ Department Coordinator Selected readings in Recreation, Parks, and Tourism studies. Only S/F grades given. Repeatable for Credit

HPER-R 160 Foundations of Recreation and Leisure

(3 cr.) An introduction to the field of recreation and leisure from the viewpoint of the individual as a consumer and of societal agencies as providers of leisure services. Includes philosophy, history, theory, and survey of public and private leisure-service organizations.

HPER-P 221 Intro to Sport Management (3 cr.)

An examination of the broad spectrum of career opportunities available in the sport management profession. Special

emphasis on career planning, sport management terminology, and an overview of specific skills and courses required for professional preparation in sport management.

HPER-R 180 Participant Leadership Development (3 cr.) An interactive online course blended with four one-hour structured classroom meetings. Provides students with opportunities to learn and apply leadership skills gained through participation in organizations, athletic teams, or clubs. Will develop own personal leadership plan to initiate intentional leadership involvement. Topics include followership, time management, and teamwork.

HPER-P 215 Principal and Practice of Exercise Science (3 cr.) A study of the scientific principles related to physical fitness and the practice applications of principles to directing fitness programming in school, recreation, and corporate settings. Students will be involved in setting up, participating in, and evaluating personal fitness activities.

HPER-P 212 Introduction to Exercise Science (3 cr.) A study of the scientific principles related to physical fitness and the practice applications of principles to directing fitness programming in school, recreation, and corporate settings. Students will be involved in setting up, participating in, and evaluating personal fitness activities.

HPER-P 280 Basic Prevention & Care Athletic Injury (2 cr.) Course will focus on basic principles of prevention recognition and management of sport-related injuries.

HPER-P 333 Sport in America: History Perspectives (3 cr.) Study of the evolution of sport in the United States within the larger context of historical developments in society; women's sport experiences in relation to the development of sport; examination of sport as a reflection of American culture from the founding of the colonies to the present.

HPER-P 415 Sport Promotions & Public Relations (3 cr.) An introduction to the theories and techniques of sport promotions, public relations, and fund-raising.

Honors Program (HON)

HON-H 103 Honors Seminar: Common Intellectual Experience I (3 cr.) P: Admission to the Honors Program. A skills course emphasizing writing, reading, speaking, thinking skills, collaborative learning, diversity, research, and the use of technology in an academic setting. Readings and discussion of texts-in-common selected by Honors faculty and studied in preparation for possible project presentation at the Mid-East Honors Conference in the spring. Ordinarily taken during the first semester of study at IU Southeast. Part one of the required two-semester seminar sequence for Tier One students.

HON-H 104 Honors Seminar: Common Intellectual Experience II (3 cr.) P: Admission to the Honors Program. Continuation of HON-H 103. Builds on skills attained in the first semester with continued reading and discussion of texts-in-common. Students will begin to envision, research, and refine projects for possible presentation at the Mid-East Honors Conference in the spring. Ordinarily taken during the second semester of study at IU Southeast. Part two of the required two-semester seminar sequence for Tier One students.

HON-H 306 Multidisciplinary Seminar in the Humanities and Social Sciences (3-6 cr.) P: Admission to the Honors Program or permission of the Honors Program Director. Topic varies with the instructor and semester. Possible topics include Art as Literature; Death and Dying; Utopias through History. May be repeated for up to 18 credit hours.

HON-H 307 Multidisciplinary Seminar (3-6 cr.) P: Admission to the Honors Program or permission of the Honors Program Director. Topic varies with the instructor and semester. Topics will include those outside the humanities and social sciences. May be repeated for up to 18 credit hours.

HON-H 400 Honors Research Minor Seminar (1-3 cr.) Required seminar for Tier Two students undertaking the research minor. Honors seminars will encompass discussion of each student's research along with larger issues such as research strategies, publication, and ethics. May be repeated for up to 4 credit hours.

HON-H 495 Honors Project (1-3 cr.) Designed to meet the needs of Honors students who have chosen to pursue individualized honors, this course permits students flexibility and the opportunity to work with a faculty mentor. May be repeated for up to 4 credit hours.

Safety (HPER)

General Humanities (HUMA)

HUMA-U 101 Introduction to the Humanities (3 cr.) A survey of the development of the humanities to the Renaissance, with an emphasis on the relationship between ideas and the arts.

HUMA-U 102 Introduction to Modern Humanities (3 cr.) A survey of the development of the humanities from the Renaissance to the present, with an emphasis on the relationship of ideas and the arts.

HUMA-U 333 Greeks in Ancient Italy (3 cr.) P: HUMA-U 101 or PHIL-P 100 or PHIL-P 410 This course will involve a firsthand exploration of these traces of the Ancient Greeks in Italy. In particular, this course will offer students an opportunity to witness in person the dynamic relationship between ideas, politics, religion, and the arts that the Greeks provoked in Magna Grecia.

Supervision (SUPV)

SUPV-S 300 Frontline Leadership (3 cr.) P: ENG-W 131. This introductory supervision course explores traditional and contemporary leadership styles used in the manager-employee relationship. Concepts include improving communication, conflict resolution, planning, organizing, and strategies for performance and productivity improvements. This course is an introduction to the front-line managerial position. It offers the student an insight into one of the most demanding jobs in the country and gives those already in that role, practical advice in handling on-the-job problems within their own organizations.

SUPV-S 310 Resource Planning Management (3 cr.) P: SUPV-S 300 or equivalent supervision experience. Increased competitiveness in the world today has required companies to re-evaluate how they design facilities

and manage their resources. Using interactive class discussions, this course takes a visionary and proactive approach to the concepts of organizational design, process/quality management, capacity analysis, and supply chain management.

SUPV-S 320 Labor Relations (3 cr.) An introduction to labor relations for supervisors. The organization of labor unions and federations, certification, contracts, collective bargaining, grievances, arbitration, and labor law will be covered.

Music (MUS)

MUS-A 101 Introduction of Audio Technology (2 cr.)

Introduction to the equipment and techniques employed in audio recording and reinforcement, including basic audio theory, analog and digital recording, microphone placement, mixing, and editing.

MUS-A 270 Multi-track Studio Technology 1 (2 cr.)

P: MUS-A 101. Introduction to multitrack recording studio procedures with an emphasis on mixing console operation, signal flow, microphone selection and use, and recording session planning and etiquette.

MUS-A 301 Electronic Studio Resources I (2 cr.)

P: MUS-T 113 or instructor permission. An introduction to techniques and equipment used in the electronic music lab. Past musical study and experience required. MUS-A 301 required for all music majors.

MUS-A 302 Electronic Studio Resources II (2 cr.)

P: MUS-E 241 and MUS-T 109 or higher (MUS-T 113-114). An introduction to techniques and equipment used in the electronic music lab. Past musical study and experience required.

MUS-A 321 Sound for Picture Production (3 cr.)

P: MUS-A 301. Study of audio production techniques for radio, video, film, and multimedia. Emphasis on mixing criteria for broadcast and visual productions.

MUS-A 370 Multi-track Studio Technology 2 (2 cr.)

P: MUS-A 270. Supervised practical experience in multitrack studio procedures with an emphasis on contemporary microphone and recording techniques. Small group and individual project work, as well as group listening and discussion.

MUS-A 423 Project in Sound Engineering (1 cr.)

P: MUS-A 470, Gateway and departmental permission. Capstone Project for sound engineering students. Includes presentation that demonstrates advanced audio production skills.

MUS-A 470 Individual Projects in Sound Engineering (2 cr.)

P: MUS-A 370, Gateway. Supervised practical experience in contemporary multitrack recording and mixing. Includes individual project work as well as group listening and discussion.

MUS-B 110 Horn Elective/Secondary (2 cr.) Private French horn lessons.

MUS-B 120 Trumpet Undergraduate Elective/Secondary (2 cr.) Private Trumpet lessons.

MUS-B 130 Trombone Elective/Secondary (2 cr.) Private Trombone lessons.

MUS-B 150 Tuba Elective/Secondary (2 cr.) Private Tuba lessons. C

MUS-B 260 Horn (Applied Music) (2 cr.) P: Admission through audition as a music major or permission of department. For majors. Private studio instruction in horn. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Take two semesters at this number before proceeding to the next level.

MUS-B 270 Trumpet (Applied Music) (2 cr.)

P: Admission through audition as a music major or permission of department. For majors. Private studio instruction in trumpet. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Take two semesters at this number before proceeding to the next level.

MUS-B 280 Trombone/Euphonium (Applied Music) (2 cr.)

P: Admission through audition as a music major or permission of department. For majors. Private studio instruction. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Take two semesters at this number before proceeding to the next level.

MUS-B 290 Tuba (Applied Music) (2 cr.) P: Admission through audition as a music major or permission of department. For majors. Private studio instruction in tuba. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Take two semesters at this number before proceeding to the next level.

MUS-B 310 French Horn (2 cr.) P: Two semesters of MUS-B 260. Private French Horn lessons for music majors.

MUS-B 325 Trumpet and Cornet (2 cr.) P: Two semesters of MUS-B 270. For majors. Private studio instruction. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required.

MUS-B 330 Trombone (1 cr.) P: Two semesters of MUS-B 280. Private Trombone lessons all music majors.

MUS-B 350 Tuba (2 cr.) P: Two semesters of MUS-B 290. Private studio instruction in tuba for music majors.

MUS-B 402 Brass Senior Recital (1 cr.) P: Permission of instructor. Applied music. Course is repeatable.

MUS-B 415 French Horn (2 cr.) P: Two semesters of MUS-B 310. For majors. Private studio instruction in horn. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required.

MUS-B 420 Trumpet Undergraduate Major (1 cr.)

P: Two semesters of MUS-B 325. For majors. Private studio instruction in trumpet. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required.

MUS-B 425 Trumpet and Cornet (2 cr.) P: Two semesters of MUS-B 325. For majors. Private studio instruction in trumpet. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required.

MUS-B 430 Trombone Undergrad Major (1 cr.) P: Two semesters of MUS-B 333. Applied music.

MUS-B 450 Tuba Undergrad Major (1 cr.) P: Two semesters of MUS-B 350. Private studio instruction in Tuba for majors.

MUS-D 100 Percussion Elective/Secondary (2 cr.) Private Percussion lessons.

MUS-D 260 Percussion (Applied Music) (2 cr.)
P: Admission by audition as a music major or permission of department. For majors. Private studio instruction in percussion. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students. Take two semesters at this number before proceeding to the next level.

MUS-D 300 Percussion Instruments (2 cr.) P: Two semesters of MUS-D 260. Private percussion lessons for music majors.

MUS-D 305 Percussion (2 cr.) P: Two semesters of MUS-D 260. For majors. Private studio instruction in percussion. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students.

MUS-D 400 Percussion Undergrad Major (2 cr.) P: Two semesters of MUS-D 300. For majors. Private studio instruction in percussion. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students.

MUS-D 402 Senior BM Percussion Recital (2 cr.)
P: Permission of instructor. C: Must be taken concurrently with applied study. For majors. Repeatable for credit.

MUS-D 405 Percussion (2 cr.) P: Two semesters of MUS-D 305. For majors. Private studio instruction in percussion. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students.

MUS-E 241 Introduction to Music Fundamentals (3 cr.) Basic music theory and beginning piano with an interdisciplinary focus. Fulfills arts requirement for special education and elementary education. Also for the nonmajor who wishes to learn the basics of music notation, scales, chords, and rhythms.

MUS-E 493 Piano Pedagogy (3 cr.) P: Permission of the instructor. Techniques and methods for teaching piano. Includes observation of private lessons.

MUS-G 370 Techniques for Conducting (2 cr.)
Introduction to philosophy and fundamentals of conducting. Scores preparation, baton and hand gestures for the right hand and use of the left hand; all standard meters and time patterns; varying dynamics, accents, musical characteristics and styles.

MUS-H 100 Harp Elective/Secondary (2 cr.) Private studio instruction in harp. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students. Students who complete two semesters of private study should consult with the music program coordinator for registration in a higher course level.

MUS-H 260 Harp (Applied Music) (2 cr.) P: Admission through audition as a music major or permission of department. For majors. Private studio instruction in harp. Levels may be repeated for credit (2 credit hours each

semester). Applied music fee is required for all students. Take two semesters at this number before proceeding to the next level.

MUS-H 305 Harp (2 cr.) P: Two semesters of MUS-H 260. For majors. Private studio instruction in harp. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students.

MUS-H 402 Harp BM Senior Recital (1 cr.)
P: Permission of instructor. C: Must be taken concurrently with applied study. For majors. Repeatable for credit.

MUS-H 405 Harp (2 cr.) P: Two semesters of MUS-H 305. For majors. Private studio instruction in harp. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students.

MUS-K 200 Secondary Composition (3 cr.)
P: Permission of instructor. Writing and analysis under professional guidance in private consultations and class discussions.

MUS-K 300 Composition Concentration (3 cr.) P: MUS-T 113 or permission of instructor. For majors. Writing and analysis under professional guidance in private consultations and class discussions. May be repeated for credit.

MUS-K 312 Arranging for Instrumental and Vocal Groups (2 cr.) P: MUS-T 113. Fundamentals of orchestration, arranging and scoring for orchestra, band and chorus.

MUS-K 400 Composition Major (3 cr.) P: Two semesters of MUS-K 300. Individually prescribed lessons in composition. May be repeated for credit.

MUS-K 402 Senior Recital in Composition (0-1 cr.)
P: Completion of sophomore gateway. For majors. Course should be taken simultaneously with MUS-K 400. Course is repeatable.

MUS-K 403 Electronic Studio Resources I (2 cr.)
P: MUS-A 301 and MUS-A 302. Continued study in electronic music laboratory emphasizing the creative application of resources introduced in MUS-A 301 and MUS-A 302.

MUS-K 406 Projects in Electronic Music (1-3 cr.)
P: Completion of sophomore gateway. Projects in Electronic Music.

MUS-L 100 Guitar Elective/Secondary (2 cr.) Private studio instruction in guitar. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Students who complete two semesters of private study should consult with the music program coordinator for registration in a higher course level.

MUS-L 101 Beginning Class Guitar (1 cr.) Classical guitar instruction in a class situation for non-music majors. Course may be repeated for credit (2 credit hours each semester).

MUS-L 102 Intermediate Guitar Class (2 cr.) Class guitar instruction for beginning students.

MUS-L 200 Guitar (2 cr.) Private studio instruction in guitar. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Students who complete two semesters of private study should consult

with the music program coordinator for registration in a higher course level.

MUS-L 260 Guitar (Applied Music) (2 cr.) For majors. Private studio instruction in guitar. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Take two semesters at this number before proceeding to the next level.

MUS-L 300 Concentration Guitar (2 cr.) P: Two semesters of MUS-L 260. For majors. Private studio instruction in guitar. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required.

MUS-L 400 Guitar Undergrad Major (2 cr.) P: Two semesters of MUS-L 300. For majors. Private studio instruction in guitar. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required.

MUS-L 402 Senior BM Guitar Recital (1 cr.)

P: Permission of instructor. For majors. Should be taken simultaneously with applied study. Course may be repeated.

MUS-M 110 Special Topics in Music (1-3 cr.) An introduction to the history of various styles of rock and popular music and to the music of significant composers and performers in these genres. For the nonmajor.

MUS-M 174 Music for the Listener (3 cr.) An introduction to the art of music and its materials; to symphonic music, opera, and other types of classical music; and to the works of the great composers. For the nonmajor.

MUS-M 201 Literature of Music I (3 cr.) Recommended: one year of music theory. Survey of music from classical antiquity to 1750. Designed to develop a perspective on the evolution of music in its socio-cultural milieu, a repertoire of representative compositions, and techniques for listening analytically.

MUS-M 202 Literature of Music II (2 cr.) Recommended: one year of music theory. Survey of music from the classical era to the present. Designed to develop a perspective on the evolution of music in its social-cultural milieu, a repertoire of representative compositions, and a technique for listening analytically.

MUS-M 375 Survey of Ethnic and Popular Music of the World (3 cr.) A study of music of other nations and cultures including Native American, Asian, Middle Eastern, and African American music. For the nonmajor.

MUS-M 403 History of Music I (3 cr.) P: Must have passed Gateway exams. Recommended: one year of music theory. Study of music from the beginning of western civilization to 1700. Analysis of representative compositions; relationship of music to the socio-cultural background of each epoch.

MUS-M 404 History of Music II (3 cr.) P: Must have passed Gateway exams. Recommended: one year of music theory. Continuation of M403. Study of music from 1750 to the 20th Century. Analysis of representative compositions; relationships of music to the socio-cultural background of each epoch.

MUS-M 540 Appreciation of Music (3 cr.) A study of the place of music and the other performing arts in society; philosophy and aesthetic theory in the arts; development of critical standards; listening to music; concert and opera

attendance. For graduate students outside the department of music.

MUS-M 543 Keyboard Literature from 1700 to 1850 (3 cr.) A survey of literature for stringed keyboard instruments (piano and harpsichord) from the age of Bach to the twentieth century. Historical, stylistic, formal, and aesthetic features.

MUS-M 566 Ethnic Music Survey (3 cr.) A study of the music of other nations and cultures including Native American, Asian, Middle Eastern, and African American music. For the nonmajor.

MUS-P 100 Piano Elective/Secondary (2 cr.) Private studio instruction in piano. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Students who complete two semesters of private study should consult with the music program coordinator for registration in a higher course level.

MUS-P 101 Piano Class I (1 cr.) Class piano instruction for beginning students. Course may be repeated for credit (2 credit hours each semester).

MUS-P 200 Piano (2 cr.) Individual piano lesson at the secondary level. Additional applied fee. Time scheduled with the instructor.

MUS-P 260 Piano (Applied Music) (2 cr.) P: Admission by audition as a music major or permission of department. For majors. Private studio instruction in piano. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Take two semesters at this number before proceeding to the next level.

MUS-P 305 Piano (2 cr.) P: Two semesters of MUS-P 260. For majors. Private studio instruction in piano. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required.

MUS-P 400 Piano (1 cr.) P: Two semesters of MUS-P 305. Applied music.

MUS-P 402 Senior BM Piano recital (0-1 cr.)

P: Permission of instructor. C: Must be taken concurrently with applied study. For majors. Course is repeatable.

MUS-Q 100 Organ Elective/Secondary (2 cr.) Private studio instruction in organ. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students. Students who complete two semesters of private study should consult with the music program coordinator for registration in a higher course level.

MUS-Q 260 Organ (Applied Music) (2 cr.) For majors. Private studio instruction in organ. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students. Take two semesters at this number before proceeding to the next level.

MUS-Q 305 Organ (2 cr.) P: Two semesters of MUS-Q 260. For majors. Private studio instruction in organ. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students.

MUS-Q 400 Organ Undergrad Major (2 cr.) P: Two semesters of MUS-Q 305. For majors. Private studio instruction in organ. Levels may be repeated for credit (2

credit hours each semester). Applied music fee is required for all students.

MUS-Q 402 Senior BM Organ Recital (1 cr.)

P: Permission of instructor. C: Must be taken concurrently with applied study. For majors. Repeatable for credit.

MUS-R 251 Workshop in Opera Acting 1 (1 cr.)

P: Permission of conductor or audition. Course is repeatable up to four credit hours.

MUS-S 110 Violin Elective/Secondary (2 cr.) Private violin lessons for non-music majors. Additional applied fee. Time scheduled with the instructor.

MUS-S 120 Viola Elective/Secondary (1 cr.) Private viola lessons at the secondary level. Additional applied fee. Time scheduled with instructor.

MUS-S 130 Cello Elective/Secondary (1 cr.) Private cello lessons. Additional applied fee. Time scheduled with instructor.

MUS-S 140 Double Bass Elective/Secondary (1 cr.)

Private bass lessons. Additional applied fee. Time scheduled with instructor.

MUS-S 260 Violin (Applied Music) (2 cr.) P: Admission by audition as a music major or permission by department. For majors. Private studio instruction in violin. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Take two semesters at this number before proceeding to the next level.

MUS-S 270 Viola (Applied Music) (2 cr.) P: Admission by audition as a music major or permission by department. For majors. Private studio instruction in viola. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Take two semesters at this number before proceeding to the next level.

MUS-S 280 Cello (Applied Music) (2 cr.) P: Admission by audition as a music major or permission by department. For majors. Private studio instruction in cello. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Take two semesters at this number before proceeding to the next level.

MUS-S 290 Bass (Applied Music) (2 cr.) P: Admission by audition as a music major or permission of department. For majors. Private studio instruction in bass. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Take two semesters at this number before proceeding to the next level.

MUS-S 315 Violin (2 cr.) P: Two semesters of MUS-S 260. For majors. Private studio instruction in violin. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required.

MUS-S 320 Viola (1 cr.) P: Two semesters of MUS-S 270. Private lessons in viola for music majors. Additional applied fee. Time scheduled with instructor.

MUS-S 330 Cello (1 cr.) P: Two semester of MUS-S 280. Private lessons in cello ' for music majors. Additional applied fee. Time scheduled with instructor.

MUS-S 345 Double Bass (2 cr.) P: Two semesters of MUS-S 290. Private studio instruction in bass - for majors

MUS-S 402 Senior BM String Recital (1 cr.)

P: Permission of instructor. C: Must be taken concurrently with applied study. For majors. Course is repeatable.

MUS-S 415 Violin (2 cr.) P: Two semesters of MUS-S 315. For majors. Private studio instruction in violin. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required.

MUS-S 420 Viola Undergrad Major (1 cr.) P: Two semesters of MUS-S 320. Private studio instruction in viola for majors

MUS-S 430 Cello Undergrad Major (1 cr.) P: Two semesters of MUS-S 330. Private studio instruction in cello - for majors

MUS-S 440 Double Bass Undergrad Major (2 cr.)

P: Two semesters of MUS-S 345. For majors. Private studio instruction. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required.

MUS-T 109 Rudiments of Music 1 (3 cr.) Entry level class for students interested in how music works. The class deals with the fundamentals of notation, ear training, and music reading. Melody and harmony are explored.

MUS-T 113 Music Theory I (3 cr.) P: MUS-T 109 or by passing a theory placement exam. Required for all music majors. Study of the elements of basic musicianship: intervals, scales, triads, rhythm and meter, music nomenclature, rudiments of two-part writing and diatonic harmony.

MUS-T 114 Music Theory II (3 cr.) P: MUS-T 113. Required for all music majors, Continuation of the study of harmony in context with four-part writing, diatonic harmony, secondary functions and modulation. Examination of musical forms and structures. Emphasis on musical analysis and compositional applications.

MUS-T 115 Sightsinging & Aural Perception I (1 cr.)

P: MUS-T 109 or by passing a theory placement exam or permission of instructor. Diatonic melody and harmony; aural skills, music sight-reading, keyboard skills. Music majors are advised to take this course concurrently with MUS T113.

MUS-T 116 Sightsinging & Aural Perception II (1 cr.)

P: MUS-T 115. Aural skills, music sight-reading, and keyboard. Music majors are advised to take this course concurrently with MUS T114.

MUS-T 215 Sightsinging/Aural Perception III (1 cr.)

P: MUS-T 116. Aural skills, music sight-reading, and keyboard. Music majors are advised to take this course concurrently with MUS-T 213.

MUS-T 216 Sightsinging & Aural Perception IV (1 cr.)

P: MUS-T 215. Aural skills, music sight-reading, and keyboard. Music majors are advised to take this course concurrently with MUS-T 214.

MUS-T 317 Analysis of Tonal Music (3 cr.) P: MUS-

T 114. Builds on the foundation of first-year theory. Development of contrapuntal skills through appropriate exercises and analysis of polyphonic styles from selected periods. Also systematically incorporates chromatic harmony with an intensive study of music

styles; integrates chordal vocabulary with larger formal processes.

MUS-T 318 Analysis of Post-Tonal Music (3 cr.)

P: MUS-T 317. Introduction to and analysis of works from Impressionism to music of today.

MUS-U 230 Foreign Language for Singers (3 cr.) Study of language techniques, diction, international phonetic alphabet, and pronunciation fundamentals. May be repeated for credit.

MUS-U 411 Performing Arts Center Management (3 cr.)

On national and local level. Mechanics of management, booking of concert artists and attractions, organized-audience plan, local concert series, symphony management.

MUS-U 413 Legal Aspects of the Music Industry (3 cr.)

Introduction to the legal environment affecting music such as copyright, artist contracts, royalties, rights associated with intellectual property, and publishing.

MUS-U 440 Practicum (2 cr.) Internships for music business and music technology students. Course is repeatable.

MUS-V 100 Voice Elective/Secondary (2 cr.) Private studio instruction in voice. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students. Students who complete two semesters of private study should consult with the music program coordinator for registration in a higher course level.

MUS-V 101 Voice Class (2 cr.) Class voice instruction for beginning students. Course may be repeated for credit (2 credit hours each semester).

MUS-V 200 Voice (2 cr.) Private lessons.

MUS-V 260 Voice (Applied Music) (2 cr.) P: Admission by audition as a music major or permission by department. For majors. Private studio instruction in voice. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students. Take two semesters at this number before proceeding to the next level.

MUS-V 305 Voice (2 cr.) P: Two semesters of MUS-V 260. For majors. Private studio instruction in voice. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students.

MUS-V 400 Voice (2 cr.) P: Two semesters of MUS-V 305. For majors. Private studio instruction in voice. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students.

MUS-V 402 Senior BM Voice Recital (1 cr.)

P: Permission of instructor. C: Must be taken concurrently with applied study. For majors. Course is repeatable.

MUS-W 110 Flute/Piccolo Elective/Secondary (2 cr.)

Private studio instruction in flute/piccolo. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Students who complete two semesters of private study should consult with the music program coordinator for registration in a higher course level.

MUS-W 120 Oboe/English Horn Elective/Secondary (2 cr.) Individual Oboe/Eng Horn lessons.

MUS-W 130 Clarinet Elective/Secondary (2 cr.)

Individual Clarinet lessons.

MUS-W 140 Bassoon Elective/Secondary (2 cr.)

Individual Bassoon lessons.

MUS-W 150 Saxophone Elective/Secondary (2 cr.)

Individual Saxophone lessons.

MUS-W 240 Bassoon (1 cr.)

P: Admission by audition as a music major or permission by department. Private Bassoon lessons at the secondary level.

MUS-W 250 Saxophone (2 cr.)

P: Admission by audition as a music major or permission by department. For majors. Private studio instruction in saxophone. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students. Take two semesters at this number before proceeding to the next level.

MUS-W 260 Flute/Piccolo (Applied Music) (2 cr.)

P: Admission by audition as a music major or permission by department. For majors. Private studio instruction in flute/piccolo. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Take two semesters at this number before proceeding to the next level.

MUS-W 270 Oboe (Applied Music) (2 cr.)

P: Admission by audition as a music major or permission by department. For majors. Private studio instruction in oboe. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required. Take two semesters at this number before proceeding to the next level.

MUS-W 280 Clarinet (Applied Music) (2 cr.)

P: Admission by audition as a music major or permission by department. For majors. Private studio instruction in clarinet. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students. Take two semesters at this number before proceeding to the next level.

MUS-W 315 Flute and Piccolo (2 cr.)

P: Two semesters of MUS-W 260. For majors. Private studio instruction in flute/piccolo. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required.

MUS-W 320 Oboe and English Horn (1 cr.)

P: Two semesters of MUS-W 270. Private Oboe and English Horn lessons for music majors.

MUS-W 330 Clarinet (1 cr.)

P: Two semesters of MUS-W 280. Private Clarinet lessons for music majors.

MUS-W 345 Bassoon (2 cr.)

P: Two semesters of MUS-W 240. For majors. Private studio instruction in bassoon. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students.

MUS-W 355 Saxophone (2 cr.)

P: Two semesters of MUS-W 250. For majors. Private studio instruction in saxophone. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students. Course may be repeated for credit (2 credit hours each semester).

MUS-W 402 Senior BM Woodwind Recital (1 cr.)

P: Permission of instructor. C: Must be taken concurrently with applied study. For majors. Course is repeatable.

MUS-W 410 Flute/Piccolo Undergrad Major (2 cr.)

P: Two semesters of MUS-W 315. For majors. Private studio instruction in flute/piccolo. Levels may be repeated for credit (2 credit hours each semester). Applied music fee required.

MUS-W 420 Oboe/Eng Horn Undergrad Major (1 cr.)

P: Two semesters of MUS-W 320. Private studio instruction in oboe - for majors.

MUS-W 430 Clarinet (2 cr.)

P: Two semesters of MUS-W 330. For majors. Private studio instruction in clarinet. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students.

MUS-W 445 Bassoon (2 cr.)

P: Two semesters of MUS-W 345. For majors. Private studio instruction in bassoon. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students.

MUS-W 455 Applied Saxophone (2 cr.) P: Two semesters of MUS-W 355. For majors. Private studio instruction in saxophone. Levels may be repeated for credit (2 credit hours each semester). Applied music fee is required for all students. Course may be repeated for credit (2 credit hours each semester).

MUS-X 1 All-Campus Ensemble (0 cr.) P: All ensembles require permission of conductor or audition. Course is repeatable.

MUS-X 2 Piano Accompanying (1 cr.) P: Permission of the instructor. For BM piano majors who have passed the upper-division examination and for MM, AD, PDSP, and PDCP piano majors. Other qualified students may enroll with approval of the choral department. May be repeated for credit (2 credit hours each semester).

MUS-X 40 University Instrumental Ensembles (0 cr.)

P: All ensembles require permission of conductor or audition. University instrumental ensemble. Course is repeatable.

MUS-X 70 University Choral Ensembles (1 cr.)

P: All ensembles require permission of conductor or audition. Choral ensemble dedicated to performing a variety of repertoire including great choral masterpieces of the eighteenth through twentieth centuries. Open to all students. Course is repeatable.

MUS-X 95 Performance Class (0 cr.) Performance laboratory. Students will attend concerts recitals and other prescribed music events. Course is repeatable.

MUS-X 341 Guitar Ensemble (1 cr.) P: All ensembles require permission of conductor or audition. Course is repeatable.

MUS-X 350 Jazz Ensemble (1 cr.) P: All ensembles require permission of conductor or audition. Course is repeatable.

MUS-X 421 Chamber Music with Piano (1 cr.) This course consists of coaching a chamber ensemble while covering a wide range of topics and music foundational to ensemble performance. Repertoire is assigned by the instructor and will cover the major stylistic periods from the

classical period up to the music of today. May be repeated for credit.

MUS-X 423 Chamber Music (1 cr.) P: All ensembles require permission of conductor or audition. Choral ensemble dedicated to performing a variety of repertoire including great choral masterpieces of the eighteenth through twentieth centuries. Open to all students. Course is repeatable.

MUS-Z 340 Intro to Music Business (3 cr.)

An introduction to the business aspects of the music industry. Recording companies, artists, and contracts; music production; copyright, licensing, and publishing; booking agents, promotions, and performing rights organizations.

MUS-G 281 Bass Instrument Techniques (1-2 cr.)

Class instruction for developing proficiency on trumpet, French horn, trombone, euphonium, and tuba. Study of methods and materials for teaching brass instruments in class or private lessons. Repeatable up to 2 units.

MUS-G 338 Percussion Techniques (1-2 cr.)

Class instruction to learn the rudiments of snare drum, tympani, and mallet instruments. Study of methods and materials for teaching percussion instruments in class or private lessons. Repeatable up to 2 units.

MUS-M 338 Methods and Materials for Teaching

Choral Music (2 cr.) Development and organization of administration of choral music programs in the middle and secondary school. Emphasis on auditioning and placement, vocal productions, rehearsal techniques, and appropriate choral literature.

MUS-M 414 Choral Repertoire (2 cr.)

This course presents an overview of choral repertoire from the early Renaissance to the present. Students will explore a variety of genres and composers throughout history.

MUS-D 200 Percussion Instruments (1-2 cr.)

Private percussion lessons at the secondary level. Repeatable up to 99 units.

MUS-S 315 Violin (2-6 cr.)

Repeatable up to 99 units.

MUS-G 261 String Class Techniques (1-2 cr.)

Class instruction and teaching methods for violin, viola, violoncello and double bass.

MUS-G 371 Choral Conducting I (2 cr.)

Further development of basic conducting technique with a concentration on choral concepts. Emphasis on period style elements, analytical listening, aspects of choral tone, text analysis, score preparation, rehearsal planning, vocal techniques, and other advanced problems in choral conducting. Conduct representative works from varying style periods.

MUS-P 105 Keyboard Proficiency (0-1 cr.)

P: Permission of Instructor of department. All students majoring in music must pass a piano proficiency examination. Students will register in P105 no later than fourth semester of study, and will receive the grade of S when they have successfully passed the examination. Repeatable up to 99 units.

MUS-P 300 Piano (1 cr.)

Individual piano lessons for music majors. Additional applied fee. Time scheduled with instructor. Repeatable up to 99 units.

MUS-T 400 Undergraduate Readings in Theory (1-6 cr.)

Independent study on a topic approved by the music theory department prior to enrollment in the course. Repeatable up to 25 units.

MUS-T 418 Music and Ideas (3 cr.) An introduction to the philosophy of music and the history and problems of musical aesthetics.

MUS-Z 201 History of Rock and Roll Music (3 cr.) A survey of the major trends, styles, and genres of rock music from the earliest recordings to the present day, focusing on the work of the artist and groups who have proven to be of the most enduring significance.

MUS-E 545 Guided Professional Experience (1-3 cr.)

Further development of professional skills in teaching, supervision, and administration by means of laboratory techniques and use of School of Music facilities and resources. Evidence of competency to carry on independent work required. Repeatable up to 99 units.

MUS-K 710 Composition Graduate Elective (2-4 cr.)

Weekly lessons in composition given on an individual basis. Repeatable up to 99 units.

MUS-M 566 Ethnic Music Survey (3 cr.) The purpose of the course is to introduce the general student to the music and the musical life of a wide spectrum of the world's peoples and cultures, thereby providing a multi-cultural musical experience and a broadened cultural as well as musical perspective.

MUS-P 700 Piano Graduate Elective (2-4 cr.)

Repeatable up to 99 units.

MUS-V 700 Voice Graduate Elective (2-4 cr.)

Repeatable up to 99 units.

MUS-G 337 Woodwind Techniques (1 cr.)

Class instruction and teaching methods for flute, oboe, bassoon, clarinet, and saxophone.

MUS-G 373 Instrumental Conducting (2 cr.)

Further development of score reading and conducting techniques. Emphasis on experience conducting live instrumental ensembles.

MUS-L 153 Introduction to Music Therapy (3 cr.)

Introduction to the influences of music on behavior, the healing properties of music, the use of music therapy with a variety of populations and the development of the music therapy profession. Includes an introduction to the clinical process and music therapy procedures as well as participation in experiential activities. Approved general education course in artistic expression.

MUS-T 213 Music Theory III (3 cr.)

Historical survey of the elements, forms, and aesthetics of musical styles through written analysis, listening examples, and structured composition activities. Medieval through classical sonatas, including the entire harmonic vocabulary of the Common Practice Era.

MUS-T 214 Music Theory IV (3 cr.)

Historical survey of the elements, forms, and aesthetics of musical styles through written analysis, listening examples, and structured composition activities. Classical through 20th century.

MUS-V 300 Voice (1 cr.) Individual voice lessons at the concentration level. Additional applied fee. Time scheduled with instructor.

MUS-X 60 Early Music Ensemble (2 cr.) Required for all early music majors.

MUS-X 341 Guitar Ensemble (1 cr.) Guitarist receives coaching in duet, trio and quartet ensembles. Provides students with the opportunity to perform with other guitarists as well as other instrumentalists/vocalists.

Philosophy (PHIL)

PHIL-P 100 Introduction to Philosophy (3 cr.) Perennial problems of philosophy, including problems in ethics, in epistemology and metaphysics, in philosophy of religion. Major emphases appear in the Schedule of Classes.

PHIL-P 113 Introduction to Debate, Argument, and Persuasion (3 cr.) Introduction to Debate, Argument, and Persuasion will give students the opportunity to develop basic skills in oral argument and debate, as well as in logical and critical thinking. The course will emphasize daily exercises designed to promote the abilities of students in the areas of persuasive, informative, and critical speech. Further, students will learn how to frame arguments in both prepared and spontaneous formats, both individually and in groups.

PHIL-P 140 Introduction to Ethics (3 cr.) The study of classical ethics texts by Aristotle, Kant, Mill, and many others. Examination of some contemporary moral issues.

PHIL-P 145 Introduction to Social and Political

Philosophy (3 cr.) Fundamental problems of social and political philosophy: the nature of the state, political obligation, freedom and liberty, equality, justice, rights, social change, revolution, and community. Readings from classical and contemporary sources.

PHIL-P 150 Elementary Logic (3 cr.) Development of critical tools for the analysis and evaluation of arguments.

PHIL-P 170 Intro to Asian Philosophy (3 cr.) Survey of select philosophical traditions of India, China, and Japan, including Vedanta, Mahayana Buddhism, Confucianism, and Taoism. Topics include the nature of reality, ethical responsibility, and the role of the "self" in creating ignorance and attaining enlightenment.

PHIL-P 200 Problems of Philosophy (3 cr.) P: ENG-W 131. Important problems at the center of rational reflection upon human experience, including issues in ethics, aesthetics, political philosophy, philosophy of religion, metaphysics, epistemology, and/or the history of philosophical thought. Emphasis upon interpretation, critical analysis, and evaluation of philosophical texts from contemporary and/or historical perspectives. Topics vary. Introductory level.

PHIL-P 237 Environmental Ethics (3 cr.) P: ENG-W 131. An introductory consideration of philosophical views regarding the extent of human responsibility for the natural environment.

PHIL-P 240 Business and Morality (3 cr.) P: ENG-W 131. Fundamental issues of moral philosophy in a business context. Application of moral theory to issues

such as the ethics of investment, moral assessment of corporations, and duties of vocation.

PHIL-P 250 Symbolic Logic I (3 cr.) Propositional logic and first-order quantificational logic.

PHIL-P 251 Intermediate Symbolic Logic (3 cr.)

P: ENG-W 131. Identity, definite descriptions, properties of formal theories, elementary set theory.

PHIL-P 302 Medieval Philosophy (3 cr.) P: ENG-W131; 3 credit hours in philosophy. A survey including Augustine, Boethius, Anselm, Abelard, Bonaventure, Aquinas, Duns Scotus, Ockham, and Nicholas of Cusa.

PHIL-P 304 Nineteenth-Century Philosophy (3 cr.)

P: ENG-W 131; 3 credit hours in philosophy. Selected survey of post-Kantian philosophy, including Hegel, Marx, Kierkegaard, Mill.

PHIL-P 306 Business Ethics (3 cr.) A philosophical examination of ethical issues which arise in the context of business. Moral theory will be applied to such problems as the ethical evaluation of corporations, what constitutes fair profit, and truth in advertising.

PHIL-P 310 Topics in Metaphysics (3 cr.) P: ENG-W 131; 3 credit hours of philosophy. Topics such as existence, individuation, contingency, universals and particulars, causality, determinism, space, time, events and change, relation of mental and physical.

PHIL-P 313 Theories of Knowledge (3 cr.) P: ENG-W 131; 3 credit hours in philosophy. Topics such as the nature of knowledge; the relation of knowledge and belief, of knowledge and evidence, of knowledge and certainty; and the problem of skepticism.

PHIL-P 314 Modern Philosophy (3 cr.) P: ENG-W 131; 3 credit hours in philosophy. A study of Western philosophy in the seventeenth and eighteenth centuries, dealing with such philosophers as Bacon, Descartes, Berkeley, Hume, Leibniz, and Kant.

PHIL-P 316 Twentieth Century Philosophy (3 cr.)

P: ENG-W 131; 3 credit hours in philosophy. Study of select problems in twentieth century philosophy.

PHIL-P 319 American Pragmatism (3 cr.) P: ENG-W 131; 3 credits of philosophy. Examination of the central doctrines of Peirce, James, Dewey, Mead.

PHIL-P 320 Philosophy and Language (3 cr.) P: ENG-W 131; 3 credit hours in philosophy. A study of selected philosophical problems concerning language and their bearing on traditional problems in philosophy.

PHIL-P 330 Marxist Philosophy (3 cr.) P: ENG-W 131; 3 credit hours in philosophy. An examination of major philosophical issues in Marxist theory. Historical materialism and the critique of idealism in metaphysics, the theory of knowledge, ethics, and social science. Discussion of both classical and contemporary sources.

PHIL-P 333 Philosophy Seminar (3 cr.) P: ENG-W 270 or ENG-W 290; 6 credit hours in philosophy. Careful collaborative study of selected texts from the history of philosophy in a seminar format. Course may be repeated for credit.

PHIL-P 334 Buddhist Philosophy (3 cr.) P: ENG-W 131; 3 credit hours of philosophy. An examination of

the basic philosophical concepts of early Buddhism and their subsequent development in India, Japan, and Tibet. Implications of the Buddhist view of reality for knowledge, the self, and ethical responsibility will be explored.

PHIL-P 335 Phenomenology and Existentialism (3 cr.)

P: ENG-W 131; 3 credit hours in philosophy. An overview of the main problems, themes, and foundational texts of Phenomenology and Existentialism, as well as intensive study of the writings of several of the most prominent thinkers in these movements. Selected readings from Buber, Camus, de Beauvoir, Heidegger, Husserl, Jaspers, Kierkegaard, Marcel, Merleau-Ponty, Nietzsche, Sartre, and others.

PHIL-P 336 Analytic Philosophy (3 cr.) P: ENG-W 131; 3 credit hours in philosophy. Selected readings from Russell, Moore, Wittgenstein, Carnap, Ryle, and others. Topics include realism, logical atomism, logical positivism, and ordinary language philosophy.

PHIL-P 338 Philosophy, Technology, and Human Values (3 cr.) P: ENG-W 131; 3 credit hours in

philosophy. A philosophical study of the role of technology in modern society, including consideration of the relationships between technology and human values.

PHIL-P 340 Classics in Ethics (3 cr.) P: ENG-W 131; 3 credit hours of philosophy. Readings from Plato and Aristotle to Kant, Mill, and Nietzsche. Topics include virtue and human nature, pleasure and the good, the role of reason in ethics, the objectivity of moral principles, and the relation of religion to ethics.

PHIL-P 342 Problems of Ethics (3 cr.) P: ENG-W 131; 3 credit hours of philosophy. May concentrate on a single large issue (e.g., whether utilitarianism is an adequate ethical theory), or several more or less independent issues (e.g., the nature of goodness, the relation of good to ought, the objectivity of moral judgments, moral responsibility, moral emotions, concepts of virtue, cultural conflicts of value, the nature of moral discourse).

PHIL-P 343 Classics in Social and Political Philosophy (3 cr.) P: ENG-W 131; 3 credit hours in philosophy.

Readings from Plato and Aristotle to Hobbes, Locke, Hegel, and Marx. Topics include the ideal state, the nature and proper ends of the state, natural law and natural right, social contract theory, and the notion of community.

PHIL-P 345 Problems in Social and Political

Philosophy (3 cr.) P: ENG-W 131; 3 credit hours in philosophy. Intensive study of one or more problems such as civil disobedience, participatory democracy, conscience and authority, law and morality.

PHIL-P 360 Introduction to the Philosophy of Mind (3 cr.) P: 6 credits in Philosophy, or permission of the

instructor. Selected topics from among the following: the nature of mental phenomena (e.g. thinking, volition, perception, emotion); the mind-body problem (e.g. dualism, behaviorism, functionalism), connections to cognitive science issues in psychology; linguistics, and artificial intelligence; computational theories of mind.

PHIL-P 371 Philosophy of Religion (3 cr.) P: ENG-W 131; 3 credit hours of Philosophy. Topics such as the nature of religion, religious experience, the status of

claims of religious knowledge, the nature and existence of God.

PHIL-P 374 Early Chinese Philosophy (3 cr.) P: ENG-W 131; 3 credits of philosophy. Origins of Chinese philosophical traditions in the classical schools of Confucianism, Taoism, Mohism, and Legalism. Explores contrasting agendas of early Chinese and Western traditions.

PHIL-P 394 Feminist Philosophy (3 cr.) P: ENG-W 131; 3 credits of philosophy. A study of gender from the perspective of feminist philosophy. Topics include sexism, oppression, body, sex and sexuality, knowledge and value, race and class, as well as various gender-focused themes in popular culture.

PHIL-P 401 History of Philosophy: Special Topics (3 cr.) P: ENG-W 131; 3 credit hours in philosophy. Special topics, such as developing views on one or more of the following subjects: substance, nature, essence, dialectics. May be repeated once with different topic.

PHIL-P 410 Ancient Greek Philosophy (3 cr.) P: ENG-W 131; 3 credit hours in philosophy. A study of the earliest period of Western philosophy, dealing with such figures as the pre-Socratics, Plato, and Aristotle.

PHIL-P 435 Contemporary Continental Philosophy (3 cr.) P: ENG-W 131; 3 credits of philosophy. Study of the work of philosophers in contemporary continental philosophy, including figures such as Foucault, Derrida, Eco, and Habermas.

PHIL-P 490 Readings in Philosophy (1-3 cr.) P: ENG-W 131; 3 credits of philosophy; and consent of instructor. Intensive study of selected authors, topics, and problems.

PHIL-P 495 Senior Proseminar in Philosophy (1-4 cr.) P: ENG-W 270 or ENG-W 290; 9 credit hours in Philosophy; and senior status. For philosophy majors in their senior year of study. The proseminar will concentrate of issue(s) and figure(s) selected by the student and faculty involved. The emphasis will be on the preparation, formal presentation and discussion of papers.

PHIL-X 303 Introduction to Philosophy of Science (3 cr.) P: ENG-W 131; 3 credits in Philosophy. Scientific explanation, discovery, and theory testing. Do logic and mathematics have empirical content? Philosophical issues in the sciences: causality, space-time, free will, and science of human behavior.

Religious Studies (REL)

REL-R 152 Jews, Christians, Muslims (3 cr.) Patterns of religious life and thought in the West; continuities, changes, and contemporary issues.

REL-R 153 Religions of Asia (3 cr.) Introduction to the religious traditions of Asia as integral to culture and society. Examines sacred stories, beliefs, values, and practices from multiple Asian religions in historical and comparative perspectives. Reveals how concepts of how the world works and what it means to be human vary across time and place, influencing domains not conventionally deemed religious in the U.S.

REL-R 160 Religion and American Culture (3 cr.) Traditional patterns of encounter with the sacred.

Secularization of Western culture. Religious elements in contemporary American culture.

REL-R 170 Religion, Ethics, and Public Life (3 cr.) Western religious convictions and their consequences for judgments about personal and social morality, including such issues as sexual morality, medical ethics, questions of socioeconomic organization, and moral judgments about warfare.

REL-R 180 Introduction to Christianity (3 cr.) Survey of beliefs, rituals, and practices of the Christian community with a focus on the varieties of scriptural interpretation, historical experience, doctrine, and behavior.

REL-R 200 Studies in Religion (3 cr.) Select intermediate studies in religion. Interdisciplinary studies emphasized. Repeatable for credit up to 9 units, if topics differ.

REL-R 210 Introduction to Old Testament/Hebrew Bible (3 cr.) Development of its beliefs, practices, and institutions from the Patriarchs to the Maccabean period. Introduction to the Biblical literature and other ancient Near East documents.

REL-R 220 Introduction to New Testament (3 cr.) Origins of the Christian movement and development of its beliefs, practices, and institutions in the first century. Primary source is the New Testament, with due attention to non-Christian sources from the same environment.

REL-R 245 Introduction to Judaism (3 cr.) The development of post-Biblical Judaism: major themes, movements, practices, and values.

REL-R 257 Introduction to Islam (3 cr.) Introduction to the "religious world" of Islam: the Arabian milieu before Muhammad's prophetic call, the career of the Prophet. Quran and hadith, ritual and the "pillars" of Muslim praxis, legal and theological traditions, mysticism and devotional piety, reform and revivalist movements.

REL-R 280 Speaking of God (3 cr.) Theology, as the study of the first principle, ground of being, the good, the One, etc., as appearing in various traditions.

REL-R 327 Christianity 50-450 (3 cr.) The emergence of Christianity as a distinct religion in the Roman empire through the fifth century: development of offices and rituals; persecution and martyrdom; Constantine and Catholic orthodoxy; monasticism; major thinkers and theological controversies; the transition to the Middle Ages.

REL-R 331 Christianity, 1500-2000 (3 cr.) Major figures and movements in the Reformation, Counter-Reformation, and modern periods.

REL-R 335 Religion in the United States, 1600-1850 (3 cr.) Development of religious life and thought in early America, from the beginnings to 1850.

REL-R 336 Religion in the United States, 1850-Present. (3 cr.) Development of religious life and thought in modern America, from 1850 to the present.

REL-R 345 Religious Issues in Contemporary Judaism (3 cr.) Religious problems confronting Jews and Judaism in our own time: women and Judaism, the impact of the Holocaust on Judaism, contemporary views of Zionism,

religious trends in American Judaism. Repeatable for credit up to 12 units, if topics differ.

REL-R 354 Buddhism (3 cr.) Historical survey of Buddhism from its origins in India through its diffusion throughout Asia in subsequent centuries. Emphasis on practice (ritual, meditation, and ethics) and social grounding (including individual roles and institutional structures) as well as on doctrinal debates.

REL-R 358 Introduction to Hinduism (3 cr.) Beliefs, rites, and institutions of Hinduism from the Vedic (c. 1200 B.C.) to modern times: religion of the Vedas and the Upanishads; epics and the rise of devotional religion; philosophical systems (Yoga and Vedanta); sectarian theism; monasticism; socioreligious institutions; popular religion (temples and pilgrimages); modern Hindu syncretism.

REL-R 362 Religion in Literature (3 cr.) Theological issues raised in literature. Function of religious myth and central religious themes, such as damnation, alienation, pilgrimage, quest, conversion, enlightenment. May be repeated once for credit with a different topic.

REL-R 364 Topics in Gender and Western Religion. (3 cr.) Basis for and substance of the feminist critique of Western religions. Examines feminist arguments with religious texts, traditions, patterns of worship, expressions of religious language, and modes of organization. Examination of alternatives.

REL-R 371 Religion, Ethics, and the Environment (3 cr.) Exploration of relationships between religious world views and environmental ethics. Considers environmental critiques/defenses of monotheistic traditions; selected non-Western traditions, the impact of secular "mythologies," philosophical questions, and lifestyle issues.

Spanish (SPAN)

SPAN-S 100 Elementary Spanish I (4 cr.) P: Placement Testing required for students who have studied Spanish in High School. Intensive introduction to present-day Spanish and Hispanic culture with emphasis on structure and grammatical forms, vocabulary building and meaning. Development of listening comprehension, speaking, reading, and writing skills. Attendance in the language lab or some online work may be required.

SPAN-S 150 Elementary Spanish II (4 cr.) P: Placement Testing or SPAN-S 100. Continuation of SPAN-S 100. Part II of introduction to present-day Spanish and Hispanic culture with emphasis on structure and grammatical forms, vocabulary building and meaning. Development of listening comprehension, speaking, reading, and writing skills. Attendance in the language lab or some online work may be required.

SPAN-S 200 Intermediate Spanish I (3 cr.) P: Placement testing or SPAN-S 100 and SPAN-S 150. Further development and review of structure and grammatical forms; vocabulary building coordinated with literary and non-literary readings. Continued development of listening comprehension, speaking, reading, and writing skills. Attendance in the language lab or some online work may be required.

SPAN-S 250 Intermediate Spanish II (3 cr.)
P: Placement testing or SPAN-S 200. Continuation of

S110-S150, with increase emphasis on communication skills and selected readings. Attendance in the language laboratory may be required.

SPAN-S 275 Hispanic Culture and Conversation (3 cr.) P: SPAN-S 250. Practice of language skills through reading, writing, and discussion of Hispanic culture. Treats facets of popular culture, diversity of the Spanish-speaking world, and themes of social and political importance. Conducted in Spanish. Native speakers of Spanish, as well as students who have taken a 300 or 400-level Spanish course, may not take SPAN-S 275.

SPAN-S 291 Hispanic Literature and Civilization (3 cr.) P: SPAN-S 250. Conducted in Spanish. Continuing practice of language skills through reading and discussion of Hispanic culture. Treats facets of popular culture, diversity of the Spanish-speaking world, and themes of social and political importance. Native speakers of Spanish, as well as students who have taken a 300 or 400-level Spanish course, may not take SPAN-S 275 or SPAN-S 291.

SPAN-S 301 The Hispanic World I (3 cr.) P: SPAN-S 250. An introduction to contemporary Spanish and the Spanish-speaking world through study of basic structural patterns and functional vocabulary.

SPAN-S 302 The Hispanic World II (3 cr.) P: SPAN-S 250. Introduction to Hispanic culture through literature. Study of representative literary works of both Spain and Spanish America in the context of Hispanic history, art, philosophy, folklore, etc.

SPAN-S 303 The Hispanic World III (3 cr.) P: SPAN-S 250. Continuing exploration of Hispanic culture through literature. Study of representative literary works in both Spain and Spanish America, in the context of Hispanic history, art, philosophy, folklore, etc.

SPAN-S 311 Spanish Grammar (3 cr.) P: SPAN-S 250. This course is designed to integrate the four basic language skills into a review of the major points of Spanish grammar. Course work will combine grammar exercises with brief controlled compositions based on a reading assignment and class discussion in Spanish. Sentence exercises will be corrected and discussed in class.

SPAN-S 312 Written Composition in Spanish (3 cr.) P: SPAN-S 250. This course integrates the four basic language skills into a structured approach to composition. Some review of selected points of Spanish grammar will be included. Each student will write a weekly composition, increasing in length as the semester progresses. Emphasis will be on correct usage, vocabulary building, and stylistic control.

SPAN-S 317 Spanish Conversation and Diction (3 cr.) P: SPAN-S 250. Intensive controlled conversation correlated with readings, reports, debates and group discussions. May be repeated once for credit overseas. Native speakers of Spanish may not take S 317; native speakers majoring or minoring in Spanish will replace S 317 with another 300- or 400-level course.

SPAN-S 363 Introduccion a la Cultura Hispanica (3 cr.) P: SPAN-S 312, SPAN-S 317. Introduction to the cultural history of Spanish-speaking countries with the

emphasis on its literary, artistic, social, economic and political aspects. May be repeated once for credit.

SPAN-S 407 Survey of Spanish Literature I (3 cr.)

P: One 300-level literature/culture course. An historical survey that covers major authors, genres, periods, and movements from the Spanish Middle Ages through the Baroque period of the seventeenth century. Readings include prose works, poetry, and drama.

SPAN-S 408 Survey of Spanish Literature II (3 cr.)

P: SPAN-S 312, SPAN-S 317. An historical survey of Spanish literature that covers the main current of Spain's literary history in the eighteenth, nineteenth, and twentieth centuries.

SPAN-S 411 Spain: The Cultural Context (3 cr.)

P: One 300-level literature/culture course. A course to integrate historical, social, political, and cultural information about Spain.

SPAN-S 412 Spanish America: the Cultural Context (3 cr.)

P: One 300-level literature/culture course. A course to integrate historical, social, political, and cultural information about Spanish America.

SPAN-S 420 Modern Spanish American Prose Fiction (3 cr.)

P: SPAN-S 312, SPAN-S 317. Spanish American prose fiction from late-nineteenth-century modernism to the present.

SPAN-S 450 Don Quixote (3 cr.)

P: SPAN-S 312, SPAN-S 317. Detailed analysis of Cervantes's novel. Life and times of the author. Importance of the work to the development of the novel as an art form.

SPAN-S 471 Survey of Spanish American Literature I (3 cr.)

P: SPAN-S 312, SPAN-S 317. Introduction to Spanish-American literature from the colonial period to the beginning of the twentieth century.

SPAN-S 472 Survey of Spanish American Literature II (3 cr.)

P: SPAN-S 312, SPAN-S 317. Introduction to Spanish-American literature from the beginning of the twentieth century to the present.

SPAN-S 494 Individual Readings in Hispanic Studies (1-3 cr.)

P: Consent of the department. Intensive study of selected authors and topics. Repeatable for credit up to 6 credits.

SPAN-S 627 Individual Readings in Spanish (3-6 cr.)

Enables students to work on a reading project that they initiate, plan, and complete under the direction of a department faculty member in Spanish. Repeatable up to 6 units.

Speech (SPCH)

SPCH-C 205 Introduction to Oral Interpretation (3 cr.)

P: Sophomore standing and SPCH-S 121 or THTR-T 120; or consent of instructor. Basic principles and practice in analysis and reading of selections from prose, poetry, and drama. Lecture and recitation.

SPCH-C 300 Practicum in Speech (1-8 cr.)

Practical experience in the various departmental areas as selected by the student prior to registration, outlined in consultation with the instructor and approved by department. Must

represent a minimum of 45 clock hours practical experience. Repeatable up to 8 units.

SPCH-C 325 Interviewing Principles and Practices (3 cr.)

P: Sophomore standing; or consent of the instructor. Study and practice of methods used in business and industrial interviews, emphasizing the logical and psychological bases for the exchange of information and attitudes.

SPCH-C 392 Health Communication (3 cr.)

Exploration of the communication competencies needed by health care professionals. Emphasizes interviewing, verbal and nonverbal skills, group interaction, intercultural, interprofessional, therapeutic, and organizational communication. Analysis of communication problems encountered in the delivery of health care services and development of coping strategies.

SPCH-S 121 Public Speaking (3 cr.)

Theory and practice of public speaking, training in thought processes necessary to organize speech content, analysis of components of effective delivery and language.

SPCH-S 122 Interpersonal Communication (3 cr.)

Introduction to core communication concepts and processes of face-to-face interaction from the perspective of communication competence. Analyzes variability in the design, production, exchange, and interpretation of messages in relational, family, professional, and cultural contexts.

SPCH-S 205 Introduction to Speech Communication (3 cr.)

Overview of fundamental theoretical and methodological issues involved in the social scientific and critical study of human communication. Analyzes influences on and impact of communication in dyadic, group, public, and mediated contexts.

SPCH-S 210 Survey of Communication Studies (1 cr.)

This course surveys the foundational principles, theories, and practice of the major areas of the communication studies discipline.

SPCH-S 221 Speech and Human Behavior (3 cr.)

Development of speech and theories of oral discourse; the communication process and human behavior and culture; speech in conflict situations.

SPCH-S 223 Business and Professional Communication (3 cr.)

P: SPCH-S 121 and sophomore standing; or consent of instructor. Examines organizational communication with emphasis on skills acquisition. Developed skills including interviewing, group discussion, parliamentary procedure, and public speaking.

SPCH-S 228 Argumentation and Debate (3 cr.)

P: SPCH-S 121 and sophomore standing; or consent of instructor. Reasoning, evidence, and argument in public discourse. Study of forms of argument. Practice in argumentative speaking.

SPCH-S 229 Discussion and Group Methods (3 cr.)

P: SPCH-S 121 with grade of C or better and sophomore standing. Leadership and participation in group, committee, conference, and public discussion; logical and psychological aspects of group process.

SPCH-S 246 Rhetorical Skills (3 cr.)

P: SPCH-S 121, SPCH-S 122, ENG-W 131 completed with a letter grade of C or better; a minimum GPA of 2.3 with 30 credit hours

earned; or consent of the instructor. This course provides instruction and practice in intermediate skills of written communication.

SPCH-S 306 Leadership (3 cr.) P: SPCH-S 121 and Junior Standing. An upper-level survey course designed to familiarize students with the role of effective leadership within a business environment; students will explore and distinguish among various styles of leadership and their demand in today's global market.

SPCH-S 307 Crisis Management (3 cr.) P: SPCH-S 121 with a C or higher and Junior Standing; or consent of instructor. An upper-level survey course designed to introduce students to the various concepts, theories, and principles of effective crisis management. The course explores both national and international corporate crises in regards to crisis prevention, crisis readiness, and crisis resolution.

SPCH-S 321 Rhetoric and Modern Discourse (3 cr.) Topical analysis of the constituents of traditional rhetorical theory; application of rhetorical principles to the study of selected modern discourse.

SPCH-S 322 Advanced Interpersonal Communication (3 cr.) P: SPCH-S 122 and junior standing. Advanced consideration of communication in human relationships. Emphasis given to self-concept, perception, verbal language, nonverbal interaction, listening, interpersonal conflict and communication skills in family, social, and work situations.

SPCH-S 324 Persuasion (3 cr.) P: SPCH-S 246 with grade of C or better, and Junior standing; or consent of the instructor. Motivational appeals in influencing behavior; psychological factors in a speaker-audience relationship; contemporary examples of persuasion. Practice in persuasive speaking.

SPCH-S 325 Voice and Diction (3 cr.) P: SPCH-S 121 or THTR-T 120. R: Sophomore standing or consent of instructor. Anatomy and functions of vocal mechanism; introduction to phonetics; improvement of student's voice and diction through exercises and practical work in area of student's special interest.

SPCH-S 333 Public Relations (3 cr.) P: TEL-R 311, or SPCH-S 246, or ENG-W 290, and Junior Standing; or consent of instructor. Communication Studies majors and minors only. An introduction to the principles of public relations, including ethics of public relations, impact on society, and uses by government, business, and social institutions for internal and external communication. Public relations as a problem-solving process utilizing theoretical and applied communication strategies.

SPCH-S 336 Current Topics in Communication (3 cr.) Extensive analysis of selected problems in contemporary speech communication. Topics vary each semester and are listed in the Schedule of Classes. May be repeated once for credit.

SPCH-S 353 Advanced Public Speaking (3 cr.) P: SPCH-S 121 and Sophomore standing; or consent of the instructor. Development of a marked degree of skill in preparation and delivery of various types of speeches, with emphasis upon depth of research, clarity of organization, application of proof, and appropriate style.

SPCH-S 380 Nonverbal Communication (3 cr.)

P: SPCH-S 122 and Junior standing; or consent of the instructor. Exploration of communicative interaction that is not linguistic in nature. Emphasizes the communicative aspects of personal space, physical environment, body movement, touch, facial expression, eye contact, and paralanguage.

SPCH-S 398 Independent Study in Speech

Communication (1-3 cr.) P: Junior standing and approval of instructor. Independent study or practicum experience. Projects must be approved by the faculty member before enrolling. May be repeated for up to a total of 6 credits.

SPCH-S 400 Senior Seminar (2 cr.) P: SPCH-S 210, SPCH-S 246 and Senior standing; or consent of the instructor. Permission required. Study of problems and issues in rhetoric and communication. Topic varies.

SPCH-S 405 Human Communication Theory (3 cr.)

P: SPCH-S 210, SPCH-S 246, and Senior standing; or consent of the instructor. Survey of contemporary theories of human communication with emphasis on the nature of theory construction; contributions of allied disciplines to communication theory.

SPCH-S 407 Historical Development of Rhetorical Theory. (3 cr.)

P: SPCH-S 246 and Junior standing. Survey of ancient through contemporary thought on the art of rhetoric; identification of leading trends in the history of rhetoric and the assessment of those trends in light of surrounding context.

SPCH-S 421 Rhetorical Criticism (3 cr.)

P: SPCH-S 246 and Junior standing; or consent of the instructor. Rhetorical criticism exemplified by selected studies, ancient and modern; development of contemporary standards and methods of appraisal.

SPCH-S 424 Empirical Research Methods in Speech Communication (3 cr.)

P: SPCH-S 246, MATH-A 118 or MATH-M 118 or higher, completed with grade of C or higher; and Junior standing. Permission required. Focuses on the objective appraisal of behavioral data in the study of speech communication. Introduces the theoretical foundation of empirical social science and offers guidelines for conducting descriptive and experimental studies.

SPCH-S 427 Cross-Cultural Communication (3 cr.)

P: Junior standing. A survey study of national, cultural, and cross-cultural persuasion in theory and practice.

SPCH-S 440 Organizational Communication

(3 cr.) P: Junior standing or consent of the instructor. Examination of internal and external communication in business and other professional organizations, with emphasis upon theory, techniques, practices, goals, and the social environment in which such communication exists.

SPCH-S 450 Gender and Communication (3 cr.)

P: SPCH-S 121, or ENG-W 290, or SPCH-S 246; and Junior standing; or consent of the instructor. Examines the extent to which biological sex and gender role orientation stereotypes influence the process of communication. Focuses on gender differences in decoding and encoding verbal and nonverbal behavior, development of sex roles, cultural assumption and stereotypes regarding gender differences in communication, and analyzes

how the media present, influence, and reinforce gender stereotypes

SPCH-S 640 Studies in Organizational Communication (3 cr.) Critical examination of quantitative and qualitative research in the area of organizational communication. Emphasizes decision making, superior-subordinate interaction, communication not works and climate and organizational culture. Focuses on critical assessment of research.

Telecommunications (TEL)

TEL-R 404 Senior Seminar in Telecommunications (1-3 cr.) P: SPCH-S 333; TEL-T 345; TEL-T 347; TEL-R 440; TEL-R 311 or ENG-W 290; and Junior standing; or consent of instructor C: TEL-R 440 or TEL-T 347 Exploration of problems and issues of telecommunications in contemporary society.

TEL-T 102 Introduction to Advertising (3 cr.) This course focuses on the role of advertising in a free economy and its place in the media of mass communication. It will cover advertising appeals, product and marketing research, selection of advertising media, testing of advertising effectiveness, and organization of advertising profession.

TEL-T 345 Advertising Media Planning (3 cr.) P: TEL-T 102; TEL-R 311 or ENG-W 290. and Junior standing; or consent of the instructor. This course will introduce you to the process of advertising media planning and how it fits into the marketing function for brands, products and services. This process involves the creative and strategic use of media vehicles to deliver advertising messages to the target audience at the right time, through the most appropriate communication channel, and in a cost efficient manner.

TEL-T 347 Promotion and Marketing in Telecommunications (3 cr.) P: TEL-T 102; TEL-R 311 or ENG-W 290, and Sophomore standing; or consent of instructor. Theory and practice of designing, implementing, and evaluating promotional materials and understanding the process of strategic brand management in traditional and emerging media.

TEL-T 441 Advanced Advertising Strategies (3 cr.) P: TEL-T 102, and Junior standing; or consent of the instructor. Analysis and evaluation of planning, creative, and placement components of advertising campaigns utilizing the electronic media; development of original advertising campaigns.

TEL-R 440 Advertising Strategies (3 cr.) P: TEL-T 102; TEL-R 311 or ENG-W 290, and Junior standing; or consent of the instructor. Analysis and evaluation of the planning, creative and placement components of advertising campaigns utilizing the broadcast media; development of original advertising campaigns.

TEL-R 311 Broadcast Writing (3 cr.) P: ENG-W 131; TEL-T 102, and Sophomore standing; or consent of the instructor. Style, form, and preparation of written materials for broadcasting.

Theatre (THTR)

THTR-T 105 Appreciation of Theatre (3 cr.) Introduction to the art of the theatre through a study of major dramatic

forms and theatrical techniques. No credit for theatre/drama major concentration.

THTR-T 115 Oral Interpretation I (3 cr.) Introduction to theories, methodology, and skills: oral and visual presentation of literature for audiences.

THTR-T 120 Acting I (3 cr.) Introduction to theories, methodology, and skills: body movement, voice and diction, observation, concentration, imagination. Emphasis on improvisational exercises. Lectures and laboratory.

THTR-T 130 Stage Makeup (1 cr.) Techniques and styles of makeup in theatre. Lecture and laboratory. Theatre majors have registration priority.

THTR-T 220 Acting II (3 cr.) P: THTR-T 120 and permission of instructor. Techniques for expressing physical, intellectual, and emotional objectives. Study, creation, and performance from varied dramas.

THTR-T 221 Movement for the Actor (3 cr.) Designed to develop awareness of the body as an instrument of communication in the study of acting. Technical skills will be mastered through practice of exercises for flexibility, limberness, balance, coordination, and creative exploration of body movement in space as an individual and as a group member.

THTR-T 222 Voice of the Actor (3 cr.) Designed to develop physiological and psychological understanding of the voice as it applies specifically to the study of acting. Provides a series of exercise/techniques to free, develop, and strengthen vocal pitch, range, resonance, breath control, and articulation. Includes an introduction to the International Phonetic Alphabet and stage directions.

THTR-T 225 Stagecraft I (3 cr.) Introduction to theories, methodology, and skills: analysis of practical and aesthetic functions of stage scenery, fundamentals of scenic construction and rigging, mechanical drawing for stagecraft. Lecture and laboratory.

THTR-T 230 Stage Costuming I (3 cr.) Introduction to theories, methodology, and skills: materials, construction techniques, pattern drafting, wardrobe work, and decorative processes. Lecture and laboratory.

THTR-T 236 Readers Theatre I (3 cr.) Exploration of theory and techniques. Practical experience with a variety of materials: fiction and nonfiction, poetry, prose, dramatic dialogue.

THTR-T 270 Introduction to History of the Theatre I (3 cr.) Significant factors in primary periods of theatre history and their effect on contemporary theatre. Review of representative plays of each period to illustrate theatrical use of dramatic literature. Credit not given for both THTR-T 470 and THTR-T 270.

THTR-T 271 Introduction to History of the Theatre II (3 cr.) Continuation of THTR-T 270. Significant factors in primary periods of theatre history and their effect on contemporary theatre. Review of representative plays of each period to illustrate theatrical use of dramatic literature. Credit not given for both THTR-T 471 and THTR-T 271.

THTR-T 275 American Theatre: The Black Experience (3 cr.) Historical survey of the black influence in the American theatre; a critical study of early and

contemporary plays concerning black social problems and depicting black culture; the contributions of black actors and black playwrights to the American stage.

THTR-T 310 Creative Dramatics (3 cr.) Theory and technique of guiding children in spontaneous activity; specifically, creating scenes or plays and performing them with improvised dialogue and action. Although theories will be discussed, the emphasis will be on practical activities that may be useful to prospective teachers, recreation leaders, etc.

THTR-T 315 Oral Interpretation II (3 cr.) P: THTR-T 115. Study of the oral and visual presentation of literature, with emphasis on analysis of intellectual and emotional values.

THTR-T 320 Acting III (3 cr.) P: THTR-T 220 and audition. Character analysis and use of language on stage. Study and performance of characters in scenes from Shakespeare.

THTR-T 325 Voice and Speech (3 cr.) Anatomy and functions of vocal mechanism; introduction to phonetics; improvement of student's voice and diction through exercises and practical work in area of student's special interest.

THTR-T 326 Scene Design I (3 cr.) Introduction to the process of scene design, scene designer's responsibilities, scene problem solving, and exploration of visual materials and forms.

THTR-T 335 Stage Lighting (3 cr.) P: THTR-T 225. Introduction to the process of determining and implementing a lighting design. Analytical skills, concept development, design methods, lighting technology, and practical applications are covered.

THTR-T 340 Directing I (3 cr.) P: THTR-T 120. Introduction to theories, process, and skills (text analysis, working with actors, staging, and telling a story), culminating in a final project.

THTR-T 349 Theatre Practicum (1-3 cr.) P: Permission of instructor/director. Practicum credit for students participating responsibly in a performance capacity is available by special arrangement with the instructor/director as casting decisions are confirmed. Repeatable for credit up to 6 credits.

THTR-T 363 Modern Plays for Stage Interpretation (3 cr.) Production of realistic, naturalistic, and expressionistic plays on level representative of Pulitzer Prize and Drama Critics Circle selections.

THTR-T 385 Theatre Laboratory (1-3 cr.) P: THTR-T 225, THTR-T 424, THTR-T 425; or consent of instructor. Practicum credit for students participating responsibly in production capacities is available by special arrangement with the instructor, with current IU Southeast theatre productions serving as the core of study. Students will engage in script analysis, comparison, detailed research, and production planning as required and then actual implementation of plans in a specific key area (e.g., set design or construction, costumes, lighting, promotion, etc.) contracted on an individual basis with the instructor.

THTR-T 390 Creative Work in Summer Theatre (1-3 cr.) P: Consent of director. Work in summer theatre productions. Repeatable for credit up to six credits.

THTR-T 400 Arts Management (3 cr.) Business theory and practice in contemporary arts organizations, both profit and not-for-profit. Emphasis on practical application. Laboratory required.

THTR-T 410 Movement for the Theatre (3 cr.) P: THTR-T 120. Introduction to theories, methodologies, and skills in developing a flexible, relaxed, controlled body for the theatre. Emphasis on relaxing body tensions, alignment, eye training, tumbling, and stage combat.

THTR-T 424 Stagecraft II (3 cr.) P: THTR-T 225; or consent of instructor. Using theatrical drafting as a vehicle, special techniques, new materials and techniques, and problems of construction are explored. Continued exploration of production duties is included.

THTR-T 433 Costume Design (3 cr.) P: THTR-T 230 or consent of instructor. Design and selection of costumes, with an emphasis on the relationship of costume to character and production.

THTR-T 446 Theatre for Children (3 cr.) Purposes, principles, and problems of staging plays for young people.

THTR-T 453 Playwriting I (3 cr.) P: Consent of Instructor. Introduction to theories, methodology, and skills: principles of dramatic structure, practice in writing. Conferences and class evaluation.

THTR-T 458 Screenwriting (3 cr.) Structural analyses of cinematic models, culminating in the creation of an original full-length narrative screenplay.

THTR-T 483 Topics in Theatre and Drama (1-3 cr.) Studies in special topics not usually covered in other departmental courses. May be repeated once for credit if topic differs.

THTR-T 490 Independent Study in Theatre and Drama (1-6 cr.) P: 12 credit hours in theatre and drama, departmental grade average of B or above, consent of instructor required. Readings, reports, experiments, or projects in area of student's special interest. Repeatable for credit up to 6 credits.

Graduate Business (BUSE)

BUSE-A 500 Speaking the Language of Business (3 cr.) This course provides an overview of labor relations. It focuses on unions and their role in labor-management relations. Students review U.S. labor history and worldwide labor economics, union governance, and legal regulatory environments. Students will examine the purpose, structure, function, and governance of unions in the United States.

BUSE-A 505 Strategic Cost Management (3 cr.) Discussion of the development and use of accounting information for managerial control and decision making. Account methods for cost accumulation and allocation, standard costing, budgeting, inventory valuations, performance measurement, cost-volume-profit relationships, special decisions, current developments in managerial accounting, and other topics will be discussed.

BUSE-A 506 Strategic Cost Management (3 cr.) Discussion of the development and use of accounting information for managerial control and decision making. Account methods for cost accumulation and

allocation, standard costing, budgeting, inventory valuations, performance measurement, cost-volume-profit relationships, special decisions, current developments in managerial accounting, and other topics will be discussed.

BUSE-A 507 Modeling and Simulation (3 cr.) Introduces a variety of mathematical modeling and simulation techniques that can be applied in spreadsheet models to assist in the decision analysis process. Topics are integrated into all functional areas of business.

BUSE-A 508 Organizational Behavior and Leadership (3 cr.) A theory-based study of leadership phenomena and organizational behavior. Emphasis on the practical application of these concepts to organizational settings.

BUSE-B 511 Business Communications (3 cr.) Designed to improve effective communication as a manager. Analysis and application of communication strategy, oral presentation skills, listening skills, writing skills, corporation communication strategy, and communication with the media.

BUSE-B 513 International Environmental Analysis (2 cr.) A survey of the external environmental variables that affect business operations domestically and internationally. Provides a framework for analyzing and anticipating changes in the environment; considers the impact of competition, economics and financial systems, cultures and technology on business operations.

BUSE-B 516 The Legal and Ethical Environment of Business (3 cr.) This course examines legal and ethical issues a manager must consider when making business decision. Provides an overview of law pertaining to business, international and regulatory topics, and models for review and resolution of ethical issues in business. Critical thinking and legal research skills are introduced and developed.

BUSE-B 517 Operations and Supply Chain Management (2 cr.) Study of the processes directly related to the creation and distribution of goods and services. With globalization becoming commonplace, these operations are taking place outside the boundaries of a traditional enterprise. This course teaches students how to understand and analyze processes, ensure quality, create value, and manage the flow of products, services and information across a network of customers, enterprises and supply chain partners.

BUSE-C 521 Marketing Management (3 cr.) Marketing decision making in a problem solving setting. Emphasizes the firms decision making procedures in planning, product development, pricing, promotion and distribution. Topics include competitive analysis, opportunity analysis, profitability and productivity analysis, market measurement, strategy, and the role of marketing research and information systems. Extensive use of readings and cases.

BUSE-C 522 Financial Management (3 cr.) A study of the theory and practice of corporate finance. Areas studied include organizing capital expenditure, planning divided policy and capital structure strategies, making short term financial decisions, mergers, pension plans, and international aspect of corporate finance.

BUSE-C 523 Systems Decision Theory and Applications (3 cr.) An integrative or holistic approach to

identifying organizational problems and the development and implementation of possible solutions. Because most courses are primarily concerned with analytical approaches to business decision making, this course focuses on the processes that link the parts together.

BUSE-D 530 Business Policy and Strategy (3 cr.) As the capstone course in the M.B.A. program, this course assists in developing skills for analysis and decision-making that integrate the functional skills and concepts acquired during the M.B.A. program. It is geared to challenge the students ingenuity, their ability to work individually, and develop interpersonal skills by working in teams.

BUSE-E 548 Organizations and Organizational Change Management (3 cr.)

BUSE-E 551 Managerial Forecasting (3 cr.) This course covers a number of techniques for using underlying patterns and relationships in historical data to project the data into the future. These techniques include smoothing methods, regression analysis, time series decomposition and Box-Jenkins methodology. Extensive use is made of computer programs to aid in data analysis and the calculation of the forecasts.

BUSE-E 552 Negotiation (3 cr.) An introduction to frameworks, processes, strategies and tactics of negotiation. Conceptual and experiential learning are integrated to provide students with a toolkit of negotiation skills applicable in a variety of negotiation settings commonly faced by managers. We will emphasize skill development through role playing and cases.

BUSE-E 553 Consumer Behavior (3 cr.) To provide an interdisciplinary approach to understanding consumer buying behavior. Emphasis is made on the individual and social processes which influence the consumer in the marketplace.

BUSE-E 554 Human Resource Management (3 cr.) This course deals with major topic areas within the field of human resource management. It is a survey of principal theoretical, legal, and applied concerns that influence both public and private sector employers. Special attention is given to applications of timely interest to private employers.

BUSE-E 556 Labor Economics (3 cr.) Economic problems of the wage earner in modern society; structure, policies, and problems of labor organizations; employer and governmental policies affecting labor relations.

BUSE-E 557 Investment Management (3 cr.) The purpose of this course is to introduce the student to the beauty, logic, and potential of modern portfolio management. Emphasis is on portfolio construction and management, rather than security selection.

BUSE-E 560 Venture Growth Management (3 cr.) Designed for M.B.A.s' interested in managing a new or rapidly growing business. Analysis and discussion of the skills, processes, and functions required and of the transitions of the growing business. Alternate sources of capital and conditions of utilization examined. Growth strategies for various stages of growth examined.

BUSE-E 567 Portfolio Management and Investment Analysis (3 cr.) This course introduces students to the

basics of portfolio management and investment analysis.

Students will be exposed to the theoretical and practical components of investment analysis for the purpose of security selection and portfolio management. Topics include developing investor policy statements, security valuation, portfolio allocation, risk measurement, and investment ethics.

BUSE-E 577 Financial Statement Analysis - A Case Based Approach (3 cr.) Develops the conceptual and practical skills needed for in-depth company analysis and honing of critical thinking skills useful in understanding financial reporting concepts and analyzing financial statements. Combines a text that develops financial statement analysis concepts with a text covering cases specific to particular aspects of financial reporting and analysis.

BUSE-E 578 Business and Economics Applications of Geographical Information Systems (3 cr.) The use of Geographical Information Systems (GIS) has become a standard feature among government and corporate agencies either for resource management or planning.

In the corporate world, GIS is heavily used in locating businesses or retail outlets, food industries, transportation network and etc. In this course, students will be exposed to various applications of GIS with a primary focus on business and economic issues. This course does not cover GIS programming and development of application programs.

BUSE-E 580 Community Service in Business (0 cr.) All MBA students must complete a community service project to graduate. This involves donating a minimum of 20 hours to an approved community project (like volunteering for Big Brothers/Big Sisters; providing tax assistance for the elderly; participating in a United Way agency) and a written report to the MBA office.

BUSE-E 588 Project Management (3 cr.) This course will introduce you to the full range of project management problems, solution methods and decision processes. Topics may include: project selection, project organizational structures, project planning, scheduling, and budgeting, negotiation, project monitoring and control, project auditing and termination, and resource constrained project scheduling.

BUSE-E 590 Independent Study (1-3 cr.) Research, analysis, and discussion of current business-related issues for academic credit. Repeatable up to 6 units.

BUSE-E 592 E-Business (3 cr.) The transition to an information-based service economy is reality. This transition, fueled by internet-based technology, is having a significant impact on how business is conducted and how businesses are structured. This course will examine the impact and potential of web-based technology on business principles and practices.

BUSE-E 594 Business Analysis and Valuation (3 cr.) Use of financial statement data to: analyze business strategy; assess accounting policies and estimates for analysis and valuation purposes; evaluate financial performance utilizing financial ratio and cash flow measures; and forecast a firm's future to estimate a firm's value. Resulting information is used in a variety of decision-making contexts.

BUSE-E 595 Advanced Corporate Finance (3 cr.)

P: Director Permission: Typically taken in last year of program completion.

BUSE-E 596 Intermediate Accounting II (3 cr.)

This course provides a more detailed examination of U.S. financial reporting topics, with an introduction to International Financial Reporting Standards. Topics include reporting for liabilities, stock holders' equity, financial reporting of taxes and leases, error reporting, and full disclosure in financial reporting.

BUSE-F 501 Foundations in Accounting (3 cr.) An introduction and overview of financial and managerial accounting concepts.

BUSE-F 502 Foundations in Finance (3 cr.) An introduction of basic financial concepts from the business managers perspective, including use of financial statements, discounted cash flow analysis and valuation, and capital budgeting.

BUSE-F 503 Foundations in Economics (3 cr.) An introduction and overview of both microeconomics and macroeconomics.

BUSE-F 504 Foundations in Marketing (2 cr.) Basic concepts and principles in Marketing, including strategic elements in Marketing and the Marketing mix.

BUSE-F 505 Foundations in Quantitative Tools (3 cr.) An introduction to and overview of basic quantitative literacy and statistical methods.

BUSE-F 506 Foundations in Management (2 cr.) Foundational level of discussion of topics relevant to management and organizations.

BUSE-G 533 Auditing (3 cr.) In-depth study of the process of auditing, attestation, and assurance services in an advanced technological environment. Includes coverage of auditing and attestation standards, the code of professional conduct, auditor's legal responsibilities, fraud auditing, and the emerging issues of global auditing.

BUSE-H 542 Advanced Financial Accounting (3 cr.)

This course addresses generally accepted accounting principles applied to business combinations, international transactions, segments and partnerships.

BUSE-H 546 Advanced Corporate Taxation (3 cr.) The course will address advanced corporate taxation issues including corporate formation, mergers and acquisitions, liquidations. The course material also covers tax topics specific to corporations such as when to make the Corporate S election and the accumulated earnings tax.

BUSE-E 549 INDUSTRIAL LABOR RELATIONS (3 cr.)

This course provides an overview of labor relations. It focuses on unions and their role in labor-management relations. Students review U.S. labor history and worldwide labor economics, union governance, and legal regulatory environments. Students will examine the purpose, structure, function, and governance of unions in the United States.

BUSE-Z 506 MANAGING THE TEAM-BASED ORG (3 cr.)

This course introduces students to managerial practices and principles of effective team-based organizations. Students learn how to manage team-based organizations, designed to contribute to different

types of performance objectives: cost reduction, quality improvement, new product development, mass customization, and process re-engineering. The basics of team management are covered as well.

Business (BUS)

BUS-A 200 Foundations of Accounting (3 cr.) Survey of financial and managerial accounting topics that provide a foundation for students who are not pursuing a business concentration.

BUS-A 201 Introduction to Financial Accounting (3 cr.) P: 12 credit hours, a GPA of 2.0 or higher and completion of MATH-M 102, MATH-M 117, or higher. Concepts and issues of financial reporting for business entities; analysis and recording of economic transactions.

BUS-A 202 Introduction to Managerial Accounting (3 cr.) P: BUS-A 201. Concepts and issues of management accounting, budgeting, cost determination and analysis.

BUS-A 301 Accounting: An Information System (3 cr.) P: BUS-A 201 and BUS-K 201. This course reviews the accounting cycle, using a business transaction cycle approach, to understand accounting as a data entry and information processing system. Emphasis on: Data Flow, Internal Control, Audit Trail, Financial Statement Relationships, and Special Reports.

BUS-A 310 Management Decisions and Financial Reporting (3 cr.) P: BUS-A 202. Provides students with a thorough understanding of the theoretical foundations underlying financial reporting, the rules used by accountants to measure the effects of business decisions and to report the effects to external parties, the use of judgment in financial reporting, and the transformation of cash flow decisions into accrual-based and cash-based financial statements. Students are expected to develop technical, analytical, and interpretive skills related to economic transactions and accrual-based and cash-based financial statements. Accounting students should take A311 and A312 to satisfy accounting concentration requirements. Credit not given for both A310 and A311.

BUS-A 311 Intermediate Accounting I (3 cr.) P: BUS-A 202. P or C: BUS-A 301. Theory of asset valuation and income measurement. Principles underlying published financial statements.

BUS-A 312 Intermediate Accounting II (3 cr.) P: BUS-A 311. Application of intermediate accounting theory to problems of accounting for economic activities.

BUS-A 325 Cost Accounting (3 cr.) P: BUS-A 202. Conceptual and technical aspects of management and cost accounting; product costing, cost control over projects and products; profit planning.

BUS-A 328 Taxation of Individuals (3 cr.) P: BUS-A 202. Internal Revenue Code and Regulations. Emphasis on income, exclusions from income, deductions, and credits. Use of tax forms in practical problem situations.

BUS-A 337 ACCOUNTING INFORMATION SYSTEMS (3 cr.) The course's primary objective is to build upon, extend, and facilitate the integration of business and technical knowledge to help students succeed as managers in a technology-intensive, corporate

environment. Through the use of readings, lectures, cases, and exercises the course enables students to understand and manage information technology in order to achieve competitive advantage through improved decision making, business processes, operations, and organizational controls.

BUS-A 339 Advanced Taxation (3 cr.) P: BUS-A 328. Internal Revenue Code and Regulations; formation and liquidation of corporations, partnerships, estates, and trusts.

BUS-A 411 Accounting Information Systems (3 cr.) Design of the accounting system and subsystems as collectors and processors of data to implement effective planning and control for a variety of decision making problems. Emphasis on practical applications accomplished through microcomputer integration.

BUS-A 413 Governmental and Not-for-Profit Accounting (3 cr.) P: BUS-A 311. Financial management and accounting for nonprofit seeking entities; state, municipal, and federal governments; schools, hospitals, and philanthropic entities. Includes study of GAAP for these entities promulgated by the FASB and GASB.

BUS-A 414 Financial Statement Analysis and Interpretation (3 cr.) P: BUS-A 310 or BUS-A 311. Provides a broad framework for using financial statements to evaluate a firm's operating strategies, gain insights into performance, and predict future conditions. Topics include: ratios analysis, common size/vertical/trend analysis; competitive and industry norms; profitability and cash flow analysis; credit risks; earnings quality; and pro-forma forecasting.

BUS-A 422 ADV FINANCIAL ACCOUNTING I (3 cr.) Generally accepted accounting principles as applied to partnerships, business combinations, branches, foreign operations, and nonprofit organizations. Particular emphasis is given to consolidated financial statements.

BUS-A 424 Auditing (3 cr.) P: BUS-A 311. Provides an understanding of the audit environment and public expectations for an audit, risk analysis in conducting the audit, internal control, and the quality control procedures of public accounting organizations. Includes coverage of the code of professional conduct, the legal liabilities of CPAs, the auditing and attestation standards, statistical sampling in auditing, audit of operation cycles in a computerized environment, and the auditor's report.

BUS-A 437 ADVANCED MANAGEMENT ACCOUNTING (3 cr.) Strategic cost management practices including activity-based management, activity-based budgeting and activity-based costing, target costing, theory of constraints, quality costs, the cost of capacity, the balanced scorecard, and performance measures for automated factories. Learn enhanced problem solving skills and tools, increased critical thinking skills, and improved presentation and speaking skills.

BUS-A 490 Independent Study in Accounting (1-3 cr.) Students choose one of two options in completing this course: (1) Supervised individual study and research work. Students will propose the investigation desired and, in conjunction with the instructor, develop the scope of work to be completed. (2) Supervised internship, application filed through Career Development Center; provides work

experience in cooperating firms or agencies. Reporting requirements will be established by instructor. Pass/Fail grade only for internships.

BUS-C 104 Business Presentations (3 cr.) Students are introduced to oral communication in business contexts.

The course focus is on theory-based skill development that will enable students to deliver audience-centered messages, work in teams, and analyze and develop oral arguments.

BUS-D 301 International Business Environment (3 cr.)

The objective of this course is to familiarize students with the environment in which international companies operate. Thus, participants should acquire awareness of, and an appreciation for, the diversity and complexity of the international environment. More specifically, the successful completion of this course should enable them to understand and analyze environmental problems which challenge management. Additional objectives of the course include: to explain how the international business environment affects us as citizens, consumers, and workers; to describe trade, investment, and financial links among countries; and to help interpret contemporary events from the perspective of international business. While the emphasis of the course is on analysis, students will acquaint themselves with the special terms, concepts, and institutions encountered in international business.

BUS-D 300 International Business Administration

(3 cr.) P: ECON-E 200 and junior standing. Foreign environment for overseas operations; U.S. government policies and programs for international business; international economic policies; and management decisions and their implementation in international marketing, management, and finance.

BUS-D 490 Independent Study in International

Business (1-6 cr.) P: Consent of instructor. Students choose two options in completing this course: a supervised internship experience (application filed through Career Development Center) or individual study or research work. Reporting requirements will be established by the instructor. S/F grades only for internships.

BUS-F 151 Personal Finances of the College Student

(1 cr.) Introduction to the basic planning tools and concepts for college-age financial literacy. Emphasis on financial decisions and challenges facing a typical college student. Topics include careers, goal setting, budgeting, tax planning and credit, including options for financing higher education. Foundation of the Financial Literacy curriculum.

BUS-F 260 Personal Finance (3 cr.) Financial problems encountered in managing individual affairs; family budgeting, use of credit, insurance, home ownership, investing in securities, retirement and estate planning.

BUS-F 301 Financial Management (3 cr.) P: BUS-C 104, ECON-E 150 or ECON-E 201, BUS-A 202, and ENG-W 231, ENG-W 234 or ENG-W 290 all with C- or better. Pre-Business students cannot register for this course. Corporate finance emphasizing investment, dividend, and financing decisions. Topics include analysis of financial statements, risk and rates of return, discounted cash flow analysis, stock and bond valuation, capital budgeting, cost

of capital, capital structure, dividend policy, short-term financial management.

BUS-F 302 Financial Decision (3 cr.) P: BUS-F 301 and ECON-E 270. Application of financial theory and techniques of analysis in the search for optimal solutions to financial management problems.

BUS-F 410 Financial Institutions & Markets (3 cr.)

P: BUS-F 301. This course looks at the intermediary roles played by the various types of financial institutions and markets. Besides understanding the differences between different institutions, such as commercial banks, credit unions, savings associations, and insurance companies, the course also covers issues related to the management and regulation of financial institutions, role of central banking, and the conduct of monetary policy. Although the primary emphasis is on the functions of financial institutions, different types of financial markets, such as mortgage, money, and capital markets, and related issues are also covered.

BUS-F 420 Equity and Fixed Income Investments

(3 cr.) P: BUS-F 301 and ECON-E 200 or ECON-E 202. Individual investment policy and strategy, security analysis and portfolio management, investment performance, measurement tools, basic and derivative securities used in the investment process, survey of ethics in the investment profession, and experience in trading practices through simulation.

BUS-F 446 BANK & FINANCL INTERMEDIATION

(3 cr.) This course covers the broad area of financial intermediation. The main topics studies are (i) the economic role of financial intermediaries--with an emphasis on commercial banks; (ii) the management of financial intermediaries; (iii) the regulation of commercial banks and other financial institutions.

BUS-F 490 Independent Study in Finance (1-3 cr.)

P: Consent of instructor. Students choose one of two options in completing this course: (1) Supervised individual study and research work. The student will propose the investigation desired and, in conjunction with the instructor, develop the scope of work to be completed. (2) Supervised internship, application filed through Career Development Center; provides work experience in cooperating firms or agencies. Both options require written report. S/F grade only for internships.

BUS-F 494 International Finance. (3 cr.) P: BUS-F 301.

Financial management of foreign operations of the firm. Financial constraints of the international environment and their effect on standard concepts of financial management. Study of international currency flows, forward cover, and international banking practices.

BUS-G 406 BUS ENTERPRISE & PUBLIC POLICY

(3 cr.) This course is about areas of government regulation that affect business, including Antitrust Laws, Consumer Protection, Natural Monopoly, the Politics of Regulation, and Pollution. A business's ability to deal with such regulations is often the single most important determination of its profitability.

BUS-J 401 Administrative Policy (3 cr.) P: Graduating Senior, BUS-F 301, BUS-K 321, BUS-M 301, BUS-P 301 and BUS-Z 302. Administration of business organizations; strategy formulation, organization, methods, and executive

control. Should be taken in final semester. Authorization required.

BUS-J 490 Independent Study in Personnel Management and Organizational Behavior (1-3 cr.)
Consent of instructor. Written report required.

BUS-K 201 The Computer in Business (3 cr.)

P: Either BUS-A 201 or ECON-E 150 or ECON-E 201. Introduction to the role of computers and other information technologies in business. Provides instruction in both functional and conceptual computer literacy. Conceptual computer literacy is the focus of the weekly lecture. After introducing the basic concepts of computer use, these lectures devote special attention to current technological innovation in social and business environments. Topics include technology and organizational change, telecommunications, privacy in the information age, and business security on the Internet. Functional computer literacy includes use of a spreadsheet (Excel), a relational database (Access), and electronic communications software (e-mail and WWW browsers), as well as the applications of these skills to solve a variety of business problems.

BUS-K 321 Management of Information Technology

(3 cr.) P: SPCH-S 121, ENG-W 231 or W-234, and a minimum of 45 credit hours. C: BUS-K 201. Pre-Business students cannot register for this course. Introduction to Management Information Systems (MIS), including the key building blocks of information systems, namely: hardware, software, telecommunications (including the Internet/intranet/extranet), databases and DBMS. The focus of this course is on using and managing information technologies to derive business value.

BUS-K 327 DETER MODELS IN OPER RES (3 cr.) This course provides an intense immersion into the problem solving and troubleshooting processes, including critical thinking and the analytical decision-making tools used by companies to solve a variety of problems.

BUS-K 330 Special Topics : Information Tech. Mgmt. Issues (3 cr.) P: BUS-K 321. Focuses on key information technology issues that exist in the business world that must be managed, dealt with, and resolved. Such issues include running IT like a business, technology leadership and partnership, outsourcing, IT resources and staffing, client server systems management, telecommunications, and the IT infrastructure to support business initiatives.

BUS-K 340 Enterprise Resource Planning Systems

(3 cr.) P: BUS-K 321. This course introduces students to Enterprise Resource Planning (ERP) systems, software that runs all business areas of an organization. The topics include the managerial and technical issues in planning, designing, implementing, and extending enterprise systems and technologies. Hands-on exercises and discussions will be used to demonstrate process improvement methodologies, system integrations, and ERP implementations.

BUS-K 350 DATA ANALYTICS & VISUALIZATION

(3 cr.) The objective of this course is to introduce students to Business Analytics with an emphasis on data management and visualization. The topics include data analytics processes, data acquisition, preparation, analysis, and presentation using various visualization techniques. Practical, hands-on computer lab experiences

include advanced usage of spreadsheet software and other software tools that allow the user to transform data into useful information.

BUS-K 352 PREDICT & PRESCRIPT ANALYTICS (3 cr.)

The course provides an overview of the area of business analytics and then focuses on predictive and prescriptive analytics concepts and methods, along with practical experience with their effective application to a variety of real-world problems.

BUS-K 440 Business Intelligence (3 cr.) P: BUS-K

321. The objective of this course is to introduce students to Business Intelligence (BI), including the processes, methodologies, infrastructure, and current practices used to transform data into useful information for decision making purposes. The topics include data management principles, data models, and BI technologies for report design and development, data warehouse, data mining, and online analytical processing (OLAP). Practical, hands-on computer lab experience includes structured query language (SQL) and advanced usage of spreadsheet software. The major ideas and techniques are reinforced through class assignments on real-life business data analysis involving BI techniques and tools.

BUS-L 201 Legal Environment of Business (3 cr.)

Examines the nature and functions of law as related to business. Specific areas covered include contracts, tort, corporate employment, international, product liability, property, securities, and antitrust.

BUS-L 303 Commercial Law II (3 cr.) P: BUS-L 201.

Law of real and personal property. Legal problems encountered in marketing goods, including sale of goods, securing credit granted, nature and use of negotiable instruments.

BUS-M 300 Introduction to Marketing (3 cr.)

Examination of the U.S. market economy and marketing institutions. Decision making and planning from a manager's point of view; impact of marketing actions from a consumer's point of view. Note: No credit toward a degree in business. This class is for non-business majors only.

BUS-M 301 Introduction to Marketing Management

(3 cr.) P: ECON-E 200 or ECON-E 202, SPCH-S 121, ENG-W 231 or W 234, and a minimum of 45 credit hours. Pre-Business students cannot register for this course. Overview of marketing for all undergraduates. Marketing planning and decision making examined from firm's point of view; marketing concept and its company-wide implications; integration of marketing with other functions. Market structure and behavior and their relationship to marketing strategy. Marketing system viewed in terms of both public and private policy in a pluralistic society.

BUS-M 303 Marketing Research (3 cr.) P: BUS-M 301

and ECON-E 280. Focuses on the role of research in marketing decision making. Topics include research ethics, problem formulation, research design, data collection procedures, design of data collection forms, sampling issues, data analysis, and the interpretation of results.

BUS-M 330 Personal Persuasion Strategy and Customer Relations Management (3 cr.) P: BUS-M

301 or BUS-M 300. This course is designed to provide

insights into the sales profession by examining the role of persuasive communication and customer relationship management behaviors, principles, strategies, and actions. It will provide students an opportunity to plan, practice, and review those verbal behaviors associated with sales call success in order to persuade others to think differently regarding ideas, opinions, products, and services.

BUS-M 337 MARKETING MESSAGES (3 cr.) Examines the psychological principles and characteristics of marketing messages that influence the thoughts and actions of others. Provides students with an opportunity to create persuasive sales and marketing messages, both oral and written.

BUS-M 365 Internet Marketing (3 cr.) P: BUS-M 300 or BUS-M 301. Designed to prepare students to manage marketing efforts in digital environments. Provides comprehensive exposure to digital marketing concepts, and the opportunity to develop and apply strategies and tactics to digital marketing problems. Topics may include the internet value chain, digital positioning and branding, managing social networks, integrated communications on digital media, digital competition, virtual merchandising, and e-commerce strategies.

BUS-M 380 MARKET ANALYTICS (3 cr.) This course provides you with the skills and tools required to understand and perform marketing analytics. Concisely, market analytics refers to the quantitative analysis of data to guide marketing decision making. With the increasing prevalence of internet and computers, marketing managers are faced with massive amounts of market and customer data. As such, companies are increasingly taking into account job applicants' knowledge of market analytics when making employment decisions.

BUS-M 401 INTERNATIONAL MARKETING (3 cr.) Application of strategic marketing concepts and theory to the international arena. Stresses development of global perspective in understanding the uncontrollable forces affecting international operations and their impact upon the marketing mix. Examines the various marketing functions within an international perspective.

BUS-M 415 Advertising and Promotion Management (3 cr.) P: BUS-M 300 or BUS-M 301. Basic advertising and sales-promotion concepts. The design, management, and integration of a firm's promotional strategy. Public policy aspects and the role of advertising in marketing communications in different cultures.

BUS-M 425 Services Marketing (3 cr.) P: BUS-M 300 or BUS-M 301. This course explores the unique challenges of marketing services. Topics include the expanded marketing mix for services, the management of services, the evaluation of service quality, techniques for service improvement, the increased importance of the right people - both employees and customers - in service environments, and the use of marketing techniques to achieve service breakthroughs. Concepts from management and operations management are incorporated to provide a more holistic view of services marketing.

BUS-M 435 DIGITAL MARKETING (3 cr.) Introduces students to principles and concepts of digital marketing.

Explores popular online platforms and tools used by organizations to accomplish marketing objectives.

BUS-M 450 Marketing Strategy and Policy (3 cr.)

P: BUS-M 303 and BUS-M 405. Ideally taken in student's final semester. Capstone course for marketing majors. Draws on and integrates materials previously taken. Focuses on decision problems in marketing strategy and policy design and application of analytical tools for marketing and decision making.

BUS-P 301 Operations Management (3 cr.) P: SPCH-S 121, ENG-W 231 or W 234, and a minimum of 45 credit hours. Pre-Business students cannot register for this course. Production and its relationship to marketing, finance, accounting, and human resource functions are described. Forecasting demand, aggregate planning, master scheduling, capacity planning, and material planning provide the basis for linking strategic operations plans. Other topics include facilities design, performance measurement, productivity improvement, quality control, JIT, TOC, and project management.

BUS-P 330 Project Management (3 cr.) P: BUS-P 301. This course will introduce the student to the full range of project management topics, concerns, problems, solution methods, and decision processes. These areas include: project selection, project organizational structures, negotiation, project planning, project scheduling and resource loading, project budgeting, project monitoring and control, project auditing, and project termination.

BUS-P 421 Supply Chain Management (3 cr.) P: BUS-P 301. This course focuses on the strategic design of supply chains with a particular focus on understanding customer value. Supply chain strategy examines how companies can use the supply chain to gain a competitive advantage. Students develop the ability to conceptualize, design, and implement supply chains aligned with product, market, and customer characteristics. The course approaches supply chain management from a managerial perspective and introduces concepts in a format useful for management decision making including using case analysis, team-based learning and business presentations.

BUS-P 430 Total Quality Management (3 cr.) P: BUS-P 301. Introduces students to concepts of total quality management. Methods and application of quality control techniques commonly used in manufacturing and service organizations are presented. Research and theory relevant to quality concepts such as the economics and measurement of quality, the evolution of total quality management, team building and employee empowerment, vendor relations, elementary reliability theory, customer relations and feedback, quality assurance systems, statistical quality control, preventive maintenance programs, and product safety and liability are discussed.

BUS-P 440 SUPPLY CHAIN PLN & CTRL (3 cr.) This course expands on the concepts learned in BUS-P 301 - Operations Management, and describes the use of planning and control systems to manage material flows and capacities in operations. Topics covered include demand management, forecasting, sales and operations planning, master production scheduling, material requirements planning, capacity management, production activity control, and inventory management. Operations planning and control is an integrative function in business that is critical in linking the planning activities in many

areas of business, including marketing, operations, finance, and human resources, etc.

BUS-P 490 Independent Study in Production Management and Industrial Engineering (1-3 cr.)

P: Consent of instructor. For production majors with a career interest in some area of production other than industrial engineering. Literature in student's special field of interest. Written report required.

BUS-R 300 PRINCIPLES OF REAL ESTATE (3 cr.)

BUS-W 100 PRINCIPLES OF BUSINESS ADMIN (3 cr.)

An introduction to functional areas of business tracing the evolution of business, business forms, the role of government and society, relationships between administrators and employees, ethical issues, and the globalization of world markets. Ideal for pre-business students or students of any major desiring a basic understanding of business.

BUS-W 301 Principles of Management. (3 cr.) P: Junior or Senior Standing. Designed to synthesize knowledge of principles and functions of management: planning, organizing, staffing, directing, controlling, and decision making.

BUS-W 311 New Venture Creation (3 cr.) P: Junior or Senior standing. This course helps students identify viable career options in entrepreneurship, expand their basic knowledge of the entrepreneurial process, and develop a repertoire of venture management skills.

BUS-W 320 Leadership and Ethics (3 cr.) P: Junior or Senior Standing. Students are introduced to ethics concepts and leadership skills, with a particular emphasis on demonstrating how ethics and leadership are complementary areas of emphasis for an effective leader. Ethics and leadership must be considered together in order to produce leaders who have the foresight to consider issues of responsibility, accountability, and the full impact of their actions, as well as a skill set that will empower them to implement their vision.

BUS-W 430 Organizations and Organizational Change (3 cr.) P: BUS-Z 302, BUS-W 301. Analysis and development of organizational theories with emphasis on environmental dependencies, sociotechnical systems, structural design, and control of the performance of complex systems. Issues in organizational change, such as appropriateness of intervention strategies and techniques, barriers to change, organizational analysis, and evaluation of formal change programs.

BUS-W 490 Independent Study in Business Administration (1-3 cr.) P: Consent of instructor. Supervised individual study and research in student's special field of interest. Students will propose the research topic desired and, in conjunction with the instructor, develop the scope of work to be completed. Written report required.

BUS-X 220 Career Perspectives (1 cr.) Assists students in developing career goals. Academic planning, career exploration, and planning in the fields of business and economics. Must be taken before the student completes 60 credit hours.

BUS-Z 302 Managing and Behavior in Organizations (3 cr.) P: SPCH-S 121, PSY-P 101, ENG-W 231 or W 234

and a minimum of 45 credit hours. Pre-Business students cannot register for this course. Integration of behavior and organizational theories. Application of concepts and theories toward improving individual, group, and organizational performance. Builds from a behavioral foundation toward an understanding of managerial processes.

BUS-Z 440 Personnel-Human Resource Management (3 cr.)

P: SPCH-S 121, PSY-P 101 or P 102, ENG-W 231 or W 234. C: BUS-Z 302 Nature of human resource development and utilization in modern organizations. Establishment and operation of a total human resource program. Includes recruitment, selection, training and development, performance appraisal, reward systems, benefit programs, role of personnel department, and role of government.

BUS-Z 441 Wage and Salary Administration (3 cr.)

P: BUS-Z 440 and ECON-E 270. Survey of problems faced by modern managers of compensation systems. In-depth look at the roles of company, government, union, and employee in the design and administration of total compensation systems. A description of the type of wage and salary systems currently in use, their advantages and disadvantages, and extent of current use.

BUS-Z 443 Developing Employee Skills (3 cr.)

P: BUS-Z 440. Employee Skills Development is a broad, ongoing multifaceted set of activities (training activities among them) intended to bring someone, or an organization, up to another threshold of performance, often to perform some job or new role in the future. The course explores identifying gaps in performance, determining the best interventions to improve performance, and assessing the outcomes of those interventions.

BUS-Z 444 Personnel Research and Measurement (3 cr.)

P: BUS-Z 440. Personnel research through review and evaluation of studies in appropriate journals, opportunity to master personnel measurement techniques. Job analysis, job evaluation, wage curve computation, predictor validation techniques, morale measurement, and personnel auditing.

BUS-Z 445 Human Resource Selection (3 cr.)

P: BUS-Z 440. Prepares the student in effective ways to identify the best candidates for a position through a structured, job-focused interviewing process, where interviewers have effective interviewing skills and understand the legal aspects of employment practices.

BUS-H 411 Management of Long-Term Care Facilities (3 cr.)

This course covers the organization and management of long-term care facilities, with particular emphasis on skilled care nursing homes. Topics include community and client exchanges, the legal and regulatory environment, financing and reimbursement, clinical organization and processes of care delivery, and managing the organization.

BUS-G 300 Introduction to Managerial Economics and Strategy (3 cr.)

Microeconomic analysis and its applications to business decision making. Includes topics of demand and consumer behavior, production and costs, theory of firms, and public policy toward business. Focuses on the applied aspects of microeconomics.

BUS-K 335 Information Systems Analysis and Design (3 cr.) P: BUS-K 321. In-depth treatment of the theory and practice of management information systems including information requirements analysis, design methodology, and system implementation considerations.

BUS-M 325 Selling (3 cr.) The role of selling in the economy, in the organization, and in marketing management. Selling as a profession. The dynamics of salesperson-customer interaction. Skills, techniques, and strategies of selling.

BUS-M 405 Consumer Behavior (3 cr.) P: BUS-M 301. This course provides a detailed understanding of how marketers create value for customers, what motivates shoppers to buy, how consumers process information and make decisions, persuasion techniques, cross-cultural influences on consumer behavior, and the impact of sustainable business practices on consumer choice.

BUS-M 421 Fundamentals of Negotiation (3 cr.) Provides exposure to the concepts of negotiations in both the national and international environments, including negotiation strategies and tactics, influence, third-party intervention, audience effects, nonverbal communication, and ethical and cultural aspects. Case studies, simulations, and guest speakers are used throughout the course.

BUS-M 426 Sales Management (3 cr.) Students will engage in an interactive exploration of the strategic and tactical issues important to managing a professional sales organization. Key topics will include organizing a sales force, recruiting, training, compensation, motivation, forecasting, territory design, evaluation, and control. Lectures and case studies.

BUS-M 490 Special Studies in Marketing (3 cr.) Supervised individual study and research in student's special field of interest. The student will propose the investigation desired and, in conjunction with the instructor, develop the scope of work to be completed. Consent of instructor and written report required.

BUS-W 211 Contemporary Entrepreneurship (3 cr.) Survey course designed to enable students to explore the vast opportunities of entrepreneurship. Multidisciplinary approach that examines the macro- and micro-conditions that encourage entrepreneurship. Course objectives are: (1) to learn the basic concepts of entrepreneurship; (2) to understand the human side of entrepreneurship; and, (3) to encourage entrepreneurial thinking by the student and enable the student to evaluate the personal prospects for entrepreneurship.

BUS-W 406 Venture Growth Management (3 cr.) By the end of this course students should be able to identify and solve key challenges faced by growing firms. A minimum of 75 hours completed.

BUS-X 204 BUSINESS COMMUNICATIONS (3 cr.) Theory and practice of written communication in business; use of correct, forceful English in preparation of letters, memoranda, and reports.

BUS-Z 301 Organizational Behavior and Leadership (3 cr.) This class introduces the principles of organization design - the blueprint by which different parts of the organization (e.g., production, marketing, financial, accounting, and

computer information systems) fit together to create an effective organization. Organization design provides the means by which strategy and goals are implemented so it is as important to a firm's overall performance as financial performance, operational efficiencies or market share.

Economics (ECON)

ECON-E 101 Survey of Economic Issues & Problems (3 cr.) For non-Business and non-Economics majors only. This is the first semester of a principles of Economics course for those who only need one Economics course. Basic economic principles applied to current social issues and problems. Topics covered will typically include inflation, unemployment, wage and price controls, welfare, social security, national debt, health programs, food prices, pollution, crime, mass transit, revenue sharing, multinationals, population, and energy. Not open to those with previous college-level economics courses.

ECON-E 103 INTRO TO MICROECONOMICS (3 cr.) Scarcity, opportunity cost, competitive and non-competitive market pricing, and interdependence as an analytical core. Individual sections apply this core to a variety of current economic policy problems such as poverty, pollution, excise taxes, rent controls, and farm subsidies.

ECON-E 104 INTRO TO MACROECONOMICS (3 cr.) Measuring and explaining aggregate economic performance, money, monetary policy, and fiscal policy as an analytical core. Individual sections apply this core to a variety of current economic policy problems such as inflation, unemployment, and economic growth.

ECON-E 200 Fundamentals of Economics and an Overview (3 cr.) Study of the basic institutions of market economy and the role they play in defining and pursuing economic goals in the U.S. economy. Emphasis is placed upon the effects of existing economic institutions; current economic policy alternatives as they affect both the individual and the society.

ECON-E 201 Introduction to Microeconomics (3 cr.) P: MATH-M 102, M110, M112, M114, M118, A118, T101 or above with a C- or higher. Scarcity, opportunity cost, competitive and non-competitive market pricing, and interdependence as an analytical core. Individual sections apply this core to a variety of current economic policy problems, such as poverty, pollution, excise taxes, rent controls, and farm subsidies.

ECON-E 202 Introduction to Macroeconomics (3 cr.) P: ECON-E 201. Measuring and explaining aggregate economic performance, money, monetary policy, and fiscal policy as an analytical core. Individual sections apply this core to a variety of current economic policy problems, such as inflation, unemployment, and economic growth.

ECON-E 270 Introduction to Statistical Theory in Economics and Business (3 cr.) P: MATH-M 122 or MATH-M118 and BUS-K 201 or EQUIVALENT EXCEL SKILLS. This course must be completed in the first 80 credit hours. Review of basic probability concepts, sampling, inference and testing statistical hypotheses. Applications of regression and correlation theory, analysis of variance and elementary decision theory.

ECON-E 280 Applied Statistics for Business and Economics I (3 cr.) P: MATH-M 122 and BUS-K 201 or equivalent Excel skills. Summary measures of central tendency and variability. Basic concepts in probability and important probability distributions. Sampling, sampling distributions and basic estimation concepts such as confidence interval estimation and hypothesis testing. B.S. in Business students must complete ECON-E 280 and ECON-E 281 in first 80 hours of course work.

ECON-E 281 Applied Statistics for Business and Economics II (3 cr.) P: BUS-K 201, MATH-M 119 and ECON-E 270 or MATH-K 300 Balanced coverage of statistical concepts and methods, along with practical advice on their effective application to real-world problems. Topics include simple and multiple linear regression, time-series analysis, statistical process control and decision making. Use of Excel in statistical applications required. B.S. in Business students must complete ECON-E 281 in first 80 hours of course work.

ECON-E 321 Intermediate Microeconomic Theory (3 cr.) P: ECON-E 200 or ECON-E 202. Consumer and producer theory; pricing under conditions of competition and monopoly; allocation and pricing of resources; partial and general equilibrium theory and welfare economics.

ECON-E 322 Intermediate Macroeconomic Theory (3 cr.) P: ECON-E 200 or ECON-E 202. Theory of income, employment, and the price level. Study of counter-cyclical and other public policy measures. National income accounting.

ECON-E 323 Urban Economics (3 cr.) P: ECON-E 200 or ECON-E 202 and ECON-E 280 or ECON-E 270 and Junior standing. Introduction to basic concepts and techniques of urban economic analysis to facilitate understanding of urban problems; urban growth and structure, poverty, housing, transportation, and public provision of urban services.

ECON-E 333 International Economics (3 cr.) P: ECON-E 200 or ECON-E 202. Forces determining international trade, finance, and commercial policy under changing world conditions; theory of international trade, monetary standards, tariff policy, trade controls.

ECON-E 338 Business & Economic Applications of Geographical Information Systems (3 cr.) P: ECON-E 200 or ECON-E 202 and ECON-E 280 or ECON-E 270 and Junior standing. The use of Geographic Information Systems (GIS) has become a standard feature amongst government and corporate agencies either for resource management or planning. In the corporate world, GIS is heavily used in locating businesses or retail outlets, food industries, transportation networks, etc. In this course students will be exposed to various applications of GIS with a primary focus on business and economic issues. This course does not cover GIS programming and development of application programs.

ECON-E 340 Introduction to Labor Economics (3 cr.) P: ECON-E 200 or ECON-E 202. Economic analysis of labor markets, including market structure and labor market policies. Topics include minimum wage, mandated benefits, labor unions, discrimination, welfare policy.

ECON-E 350 Money and Banking (3 cr.) P: ECON-E 200 or ECON-E 202. Monetary and banking system of the

United States; problems of money and prices, of proper organization and functioning of commercial banking and Federal Reserve systems, of monetary standards, and of credit control; recent monetary and banking trends.

ECON-E 363 ENVIR & NAT RESOURCE ECON (3 cr.) Basic theory and policy of such topics as pollution, resource depletion, environmental risk and resource conservation. Issues covered include limits to growth, quality of life and the appropriate roles for the private market and federal control.

ECON-E 408 UNDERGRAD RDGS IN ECONOMICS (3 cr.) Individual readings and research. Restricted to majors in economics.

ECON-E 470 Econometric Theory and Practice (3 cr.) P: ECON-E 200 or ECON-E 202 and ECON-E 281 The purpose of this course is to teach students to model and estimate economic problems effectively. Classical regression analysis and its most important exceptions (special cases) will be addressed. Understanding the intuition behind modeling the system and the subsequent results will also be heavily emphasized.

ECON-E 490 Advanced Undergraduate Seminar in Economics (3 cr.) Advanced intensive study of a topic area in economics. Topics will vary.

Education Undergraduate (EDUC)

EDUC-A 399 Internship (0-6 cr.) An internship is an educational experience related to a student's degree program and career plan which applies what the student has learned to work situations. It involves a student, employer, and university sponsor. See Career Services for more information and to register.

EDUC-E 325 Social Studies in the Elementary Schools (3 cr.) P: Formal admission into teacher education. Development of objectives, teaching strategies, resources, and assessment procedures that facilitate the social learning of children in an integrated curriculum. Special attention is given to cognitive, affective, and psychomotor facets through concept learning, inquiry, decision making, values analysis, cooperative learning, and multicultural education. Students will participate in appropriate field experiences.

EDUC-E 328 Science in the Elementary Schools (3 cr.) P: Formal admission into teacher education. Objectives, philosophy, selection, organization, and evaluation of teaching methods and instructional materials. Inquiry teaching, concept development, field trip experiences, and use of multidisciplinary materials are stressed. Analysis of individual and group assessment processes are emphasized. Students will be expected to participate in appropriate field experiences.

EDUC-E 337 Classroom Learning Environments (3 cr.) P: EDUC-F 200, EDUC-P 250, EDUC-P 251. This course focuses on the curriculum aspects of early childhood programs designed to meet ethnic and cultural differences and on planning, utilizing, and evaluating learning environments. Selection of materials and activities and the acquisition of skills for using these to stimulate children's development are major focuses.

EDUC-E 338 The Early Childhood Educator (3 cr.) Includes the role of the teacher as a professional educator

including professional responsibilities, legal rights and responsibilities of teachers and students, school and community relations, and involvement in professional organizations. A major emphasis is on parent involvement and parent education.

EDUC-E 339 Methods of Teaching Language Arts (3 cr.)

P: Formal admission into teacher education. Development of language in the child with emphasis on linguistics, creative language, dramatics, usage, handwriting, spelling, listening, and writing process. Attention given to individual and group processes of teaching, to the whole language approach, to disability and cultural awareness, and to appropriate kinds of hardware and software. Students will participate in appropriate field experiences.

EDUC-E 340 Methods of Teaching Reading I (3 cr.)

P: Formal admission into teacher education. General overview of the reading program with emphasis on development, content, word recognition and comprehension skills and strategies, the whole language approach, and instructional processes as applied to classroom teaching. Students will be expected to participate in appropriate field experiences.

EDUC-E 341 Methods of Teaching Reading II (3 cr.)

P: Formal admission into teacher education. Diagnostic and prescriptive methods and materials for use in corrective instruction in reading, including minority and special needs groups, with development of an appreciation for hardware and software that will facilitate instruction. Students will be expected to participate in appropriate field experiences.

EDUC-E 343 Mathematics in the Elementary Schools (3 cr.)

P: Formal admission into teacher education. Focus is on individualized and cooperative learning techniques used in a diagnostic/prescriptive mathematics laboratory program for all learners with attention to implementation of the National Council of Teachers of Mathematics curriculum and evaluation standards for school mathematics. Stresses the design of appropriate and innovative affective, psychomotor, and cognitive experiences. Gives emphasis to the developmental approach to mathematics learning and teaching.

EDUC-E 449 Trade Books and the Teacher (3 cr.)

P: EDUC-P 250 and EDUC-E 339. C: EDUC-E 339, EDUC-E 440. Emphasis on the use of trade books for teaching language arts and reading, K-8. Historical and contemporary literature will be used to examine objectives and techniques of instruction.

EDUC-E 490 Research in Elementary Education (1-3 cr.)

Individual research.

EDUC-E 495 Workshop in Elementary Education (1-6 cr.)

For elementary school teachers. Gives 1 credit hour for each week of full-time work.

EDUC-F 100 Topical Exploration in Education (1-3 cr.)

This introductory course for prospective teachers provides an orientation to the teaching profession. Covers program and state requirements, diversity as it relates to schools, teaching, and learning; and presents skills necessary for

becoming a successful student/teacher. Includes a service learning component.

EDUC-F 200 Examining Self as Teacher (3 cr.) P: ENG-W 131 with a C (2.0) or above. Designed to help student make a career decision, better conceptualize the kind of teacher the student wishes to become, and reconcile any preliminary concerns that may be hampering a personal examination of self as teacher. Students will be expected to participate in appropriate field experiences in schools. A significant paper will be required.

EDUC-F 201 Exploring the Personal Demands of Teaching (2 cr.)

This course examines the personal demands of teaching in an Interpersonal Process Laboratory. Particular emphasis is put on interpersonal communication skills (self-disclosure, active listening, questioning, observation). It also explores the nature of teaching in American schools with emphases on the nature of the profession and of teacher education programs; school curricular issues, societal issues impacting schools, the legal aspects of teaching; and on how schools are organized and financed.

EDUC-F 202 Exploring the Personal Demands of Teaching Practicum (1 cr.)

This course expands the skills gained in F201 into a field experience (school classroom). Designed to assist students in career decision-making through a self-examination and discussions of the pre-service teacher's interactions, understanding, and communication with students in the classroom. Students will be expected to participate in appropriate field experiences.

EDUC-F 203 Topical Exploration in Education (1-3 cr.)

This number identifies a one-semester course on a particular topic, established at the request of a faculty member and by the approval of the Academic Affairs Committee. Applies only as elective credit. Repeatable up to 99 units.

EDUC-F 401 Topical Explorations in Education (0-3 cr.)

This course will explore various topics of relevance to education, both in the United States and abroad.

EDUC-H 427 Education Through Travel (2-6 cr.)

Provides an opportunity to visit historical and cultural areas in foreign countries. Individually arranged.

EDUC-K 200 Introduction to Practicum in Special Education (0-1 cr.)

Structural practicum in public and/or private and regular special education programs. Emphasis on seminar sessions focusing on prevalence and general functions levels of exceptional individuals.

EDUC-K 205 Introduction to Exceptional Children (2-3 cr.)

P: Formal admission into teacher education. Definition, identification, prevalence, characteristics, and educational provisions of the various types of exceptional children; with attention to disability awareness and appropriate instructional processes.

EDUC-K 343 Education for the Socially and Mentally Disturbed I (3 cr.)

A basic survey of the field of emotional disturbance and social maladjustment. Definitions, classifications, characteristics, and diagnostic and treatment procedures are discussed from a psycho-educational point of view.

EDUC-K 344 Education of the Socially and Emotionally Disturbed II (3 cr.) P: Permission of instructor. A basic survey of educational curricula, procedures, and materials for socially and emotionally disturbed children; stresses development of individual teaching skills; emphasizes classroom experiences with disturbed children.

EDUC-K 345 Academic and Behavioral Assessment of the Mildly Handicapped (3 cr.) P: Permission of instructor. The purpose of this course is to familiarize students with the application of formal and informal assessment information in making decisions regarding classification and placement of educable mentally retarded and emotionally disturbed children.

EDUC-K 352 Educating Students with Learning Disorders. (3 cr.) P: Permission of instructor. Educational programs for optimum growth and development of mildly mentally handicapped and learning disabled students. Study and observation of curriculum content, organization of special schools and classes, and teaching methods and materials.

EDUC-K 453 Management of Academic and Social Behavior (3 cr.) P: Permission of instructor. Surveys principles of behavior management as they pertain to educational environments. Students will learn how to define, observe, measure, record, and change academic and social behavior.

EDUC-K 480 Student Teaching in Special Education (9-12 cr.) P: Successful completion of SDP3. Provides experiences with students with exceptional needs in school setting under the direction of a supervising teacher.

EDUC-K 488 Supervised Teaching in Special Education (3-12 cr.) Provides students an opportunity to teach exceptional children under the supervision of a licensed special education teacher and a University special education supervisor. Repeatable up to 99 units.

EDUC-K 490 Research in Special Education (3 cr.) Variable title course. Focus is on what special educators need to know and be able to do.

EDUC-K 490 Topic: Partnerships (3 cr.) P: Permission of instructor. Active exploration of community, social agencies, school and family as stakeholders and contributors to services for students with exceptional needs. Collaboration, consultation, conflict resolution, and grant initiatives.

EDUC-K 490 Topic: Assistive Technology, TBI, Autism, Functional Curriculum (3 cr.) P: Permission of instructor. Study of nature and needs of students with traumatic brain injury, autism, and related conditions. Overview of age-appropriate skills likely to increase the ability of students with exceptional needs to function in present and future environments. Study of low and high assistive technology for routine and customized access to general education curriculum.

EDUC-K 495 Laboratory/Field Experiences in Special Education (1-3 cr.) C: Consent of instructor.

EDUC-L 403 Assessment Literacy for Cultural and Linguistic Diversity (3 cr.) Define assessment literacy for working with culturally and linguistically diverse students. Topics include the assessment process, curriculum

design, backwards planning, ongoing, traditional, and alternative classroom assessment, high stakes testing, language proficiency testing, and principles of designing useful, meaningful, and equitable classroom assessments for and of learning.

EDUC-L 436 MTHD & MTLs FOR TEACHING ESL (3 cr.) Emphasizes practices, strategies, and materials needed by teachers in English as a second language setting. Whole language approaches, including developing comprehension, speaking, writing and reading will be utilized via hands on experiences with a variety of materials.

EDUC-L 441 BILINGUAL EDUC - INTRO (3 cr.) Introduction to the development of bilingual/bicultural education in the U.S. - its antecedents, the rationale, theories, and comparison of existing bilingual/bicultural programs.

EDUC-M 101 Laboratory/Field Experiences (0-3 cr.) A laboratory or field experience in education for freshmen. May be repeated.

EDUC-M 201 Laboratory/Field Experiences (0-3 cr.) A laboratory or field experience in education for freshmen. May be repeated.

EDUC-M 300 Teaching in a Pluralistic Society (3 cr.) This course is designed to introduce students to teaching as a profession. Students focus upon the self as teacher, learning styles, cultural pluralism, and classroom teaching strategies that respond positively to the personal and ethnic diversity of the learner.

EDUC-M 301 Laboratory/Field Experience (0-1 cr.) A laboratory or field experience. May be repeated.

EDUC-M 303 Lab/Field Experience: Junior High/Middle School (0-3 cr.) Laboratory or field experiences at the junior high or middle school level.

EDUC-M 310 General Methods (2-3 cr.) P: Formal admission into teacher education. An introduction to instructional design, media, and methodology appropriate to all teaching levels. Provides an orientation to lesson planning and curriculum development, classroom management and organization, theories of development, individual needs of children, cultural pluralism, legal rights and responsibilities of professionals, evaluation, parent involvement, individual elementary-age learning styles, use of technology, professional development, and characteristics of effective teachers.

EDUC-M 311 MTHD FOR KINDERGTM/ELEM TCHR (3 cr.)

EDUC-M 314 General Methods for Senior High/Junior High/Middle School Teachers (3 cr.) P: Formal admission into teacher education. Individualized and interdisciplinary learning methods, hardware and software, ethnic and minority factors, measurement and evaluation, teaching and curriculum development, and organization of the secondary school.

EDUC-M 323 The Teaching of Music in the Elementary Schools (2 cr.) P: EDUC-E 241, EDUC-M 310, EDUC-M 311, EDUC-M 301. Not open to music majors. Fundamental procedures of teaching elementary school

music, stressing material suitable for the first six grades. Repeatable up to 4 units.

EDUC-M 333 Arts Experiences for the Elementary Teachers (2 cr.) P: Formal admission into teacher education. This course provides basic skills and processes for creating, refining, and presenting works of dance, music, theatre, and visual art and for integrating these processes and works with learning experiences across other content areas. Students will be expected to participate in appropriate field experiences.

EDUC-M 350 Integrating The Arts and Physical Education Into The Elementary Classroom (3 cr.) Develop a knowledge base to work collaboratively with special area elementary teachers on integrating the arts and physical education in elementary classrooms.

EDUC-M 356 Health & Wellness for Teachers (2 cr.) P: Formal admission into teacher education. This course provides health and wellness information and stresses the role of early and middle childhood teachers in promoting good health and physical fitness, providing a safe environment, and understanding basic nutrition concepts. The effects of these health and wellness concepts on child development and learning are examined. Students will be expected to participate in appropriate field experiences.

EDUC-M 401 Laboratory/Field Experience (0-3 cr.) Laboratory or field experience for seniors. Laboratory or field experience for seniors. Repeatable up to 99 units.

EDUC-M 425 Student Teaching in the Elementary School (0-12 cr.) P: Formal admission into teacher education. Classroom teaching and other activities associated with the work of a full-time elementary classroom teacher. One course may normally be taken concurrently if the responsibilities of the course do not interfere with the student teaching responsibilities. S/F grades are given.

EDUC-M 441 Methods of Teaching Senior High/Junior High/Middle School Social Studies (3 cr.) P: Formal admission into teacher education. Concerns and problems of teaching social studies, including the methods, procedures, devices, materials, and outstanding research in the field.

EDUC-M 446 Methods of Teaching Senior High/Junior High/Middle School Science (3 cr.) P: Formal admission into teacher education. Concerns and problems of teaching science, including the methods, procedures, devices, materials, and outstanding research in the field.

EDUC-M 452 Methods of Teaching Senior High/Junior High/Middle School English (3 cr.) P: Formal admission into teacher education. Concerns and problems of teaching English, including the methods, procedures, devices, materials, and outstanding research in the field.

EDUC-M 457 Methods of Teaching Senior High/Junior High/Middle School Mathematics (3 cr.) P: Formal admission into teacher education. Concerns and problems of teaching mathematics, including the methods, procedures, devices, materials, and outstanding research in the field.

EDUC-M 464 Methods of Teaching Senior High/Junior High/Middle School Reading (3 cr.) P: Formal admission into teacher education. Curriculum, methods, and

materials for teaching students to read more effectively in the subject content areas.

EDUC-M 470 Practicum (3-8 cr.) P: EDUC-S 486. Teaching or experience under the direction of an identified supervising teacher and with University provided supervision in the endorsement or minor area and at the level appropriate to the area and in an accredited school within the State of Indiana unless the integral program includes experience in an approved and accredited out-of-state site. The practicum may be full or part-time but in every instance the amount of credit granted will be commensurate with the amount of time spent in the instructional setting. Repeatable up to 99 units.

EDUC-M 480 Student Teaching in the Secondary School (10 cr.) Under the direction of the supervising teacher, each student assumes responsibility for teaching in the student's own subject matter area in a cooperating secondary school. Requires a minimum of 10 weeks full time. Must be taken the same semester as secondary methods.

EDUC-N 443 Teaching Elementary School Math Problem Solving (2 cr.) P: Formal admission into teacher education. The purpose of this course is to enhance the pedagogical content knowledge of elementary education teachers when teaching mathematics to students in grades preK-6. Specifically, the course is designed to enhance pre-service teachers' understanding of the learning and teaching of mathematics by providing them the opportunity to closely examine: (a) students' reasoning, (b) instructional strategies, (c) assessment procedures, and (d) curriculum materials. Furthermore, in the course students examine diagnostic and remedial instructional techniques for the teaching of mathematics across the grade levels. Students will be expected to participate in appropriate field experiences.

EDUC-P 248 Elementary School Child Development (2 cr.) P: Formal admission into teacher education. This course provides an understanding of physical, emotional, social, and cognitive development in a school marked by a diversity of cultural, social and personal traits. Also, the role of the teacher in supporting positive development in students. The selection of materials and activities that respond to and stimulate children's development will be emphasized. Evaluating the physical environment of the school and classroom will also receive priority. Students will be expected to participate in appropriate field experiences.

EDUC-P 250 General Educational Psychology (1-4 cr.) P: EDUC-F 200 with a minimum grade of C (2.0). The study and application of psychological concepts and principles as related to the teaching-learning process, introduction to classroom management, measurement/evaluation, and disability awareness. Repeatable up to 8 units.

EDUC-P 251 Education Psychology for Elementary Teacher (3 cr.) P: Formal admission into teacher education. The study and application of psychological concepts and principles as related to the teaching-learning process, motivation, intelligence, classroom management, measurement and evaluation, disability awareness, and multicultural components. Students will be expected to participate in appropriate field experiences.

EDUC-P 312 Learning: Theory into Practice (3 cr.)

P: Formal admission into teacher education. This course is concerned with understanding the process of teaching and learning, particularly within a secondary school context. Preservice teachers will be helped to see that learning takes place as an interaction of social, emotional, developmental, and cognitive forces. Units focus on theories of learning and teaching, motivation, the learning process, and assessment.

EDUC-P 313 Adolescents in a Learning Community (2 cr.)

P: Formal admission into teacher education. For students seeking admission to a teacher education program. Adolescent development in a school context. Understanding adolescents as people and how they function in a community of learners, with particular emphasis on their interaction with others in a school environment marked by a diversity of cultural, social, and personal traits. Also, the role of the teacher in understanding and responding to adolescent needs in this environment.

EDUC-P 320 Classroom Assessment (3 cr.) P: Formal admission into teacher education. The purpose of this course is to build a foundation for understanding the nature, purpose, and philosophies that drive assessment in schools. The predominant goal of Classroom Assessment is to ensure careful, introspective, analytical thought concerning best practices in this area of education. Students will be expected to participate in appropriate field experiences.

EDUC-P 407 Psychological Measurement in the Schools (2-3 cr.) P: EDUC-P 250. Application of measurement principles in classroom testing; construction and evaluation of classroom tests; evaluation of student performance; interpretation and use of measurement data; assessment of aptitudes, achievement, and interests via standardized tests; school testing programs. Repeatable up to 3 units.

EDUC-Q 200 Introduction to Scientific Inquiry (1-3 cr.)

Course provides the elementary education major with background in the science process skills needed to complete required science courses. Repeatable up to 99 units.

EDUC-Q 213 Earth and Environmental Teaching Methods (2-3 cr.)

This course prepares students to teach environmental and geology-astronomy topics. Science activities that develop elementary level understanding will be presented in class and utilized in field teaching and field trip situations. Modules for outdoor and laboratory experiences constitute the elective hour.

EDUC-Q 450 Science, Technology and Society in a Changing World (3 cr.) Critical perspectives on the social aspects of science and technology in our lives in the world around us, and throughout history. Issues include economic development, the environment, communication and war.

EDUC-Q 490 Research in Science Education (1-6 cr.)

Individual research and study in Science Education. Repeatable for credit up to maximum of six credits.

EDUC-S 486 Principles of Junior High and Middle School Education (3 cr.)

P: Formal admission into teacher education. Background, purposes, and developing

roles of the junior high school and middle school.

Emphasizes the curriculum and its organization, the student activity program, and guidance. For all students planning to teach in junior high and middle schools. Includes field experience.

EDUC-S 490 Research in Secondary Education

(1-3 cr.) Individual research in Secondary Education. Must be taken for a letter grade; no S/F option. Repeatable for credit up to three credits.

EDUC-U 207 Leadership Training (1-3 cr.)

Leadership development and training. Topics may include theories of leadership, group dynamics, organizational theory, and other issues of interest to current or potential student leaders.

EDUC-U 495 Seminar in Leadership Training (1-3 cr.)

The theory and practice of group work, leadership techniques, communication, human relations, problem solving, and decision making (student leader course).

EDUC-W 200 Using Computers in Education (3 cr.)

Introduction to instructional computing including Web, computer applications and hardware. Participants will learn to create and use a range of digital tools to promote student learning in educational settings and personal productivity. Contemporary digital instructional issues will be addressed.

EDUC-W 201 Beginning Technology Skills (1 cr.)

P: Formal admission into teacher education. This course introduces instructional computing including Web, computer applications and hardware.

EDUC-W 301 Integrating Technology into Teaching I (1 cr.)

P: Formal admission into teacher education. The purpose of this course is to enhance the pedagogical, technological and content knowledge of elementary education teachers when using digital applications and hardware resources with students in grades preK-6. Students will be expected to participate in appropriate field experiences.

EDUC-W 310 Integrating Technology K-12 (3 cr.)

Explores various pedagogical approaches, design and implement technology-based lessons or K-12 classrooms, participate in professional development activities, and reflect on the integration of technology in the classroom.

Learning will be documented and assessed through written assignments, and a teaching portfolio.

EDUC-W 401 Integrating Technology into Teaching II (1 cr.)

P: Formal admission into teacher education. The purpose of this course is to enhance the pedagogical, technological and content knowledge of elementary education teachers when using digital applications and hardware resources with students in grades preK-6. Students will be expected to participate in appropriate field experiences.

EDUC-X 100 Practice in Reading and Study for Self Improvement (1-3 cr.)

Individually guided computer instruction for self-improvement in reading/study related skills, such as grammar, speed reading, and spelling. Students complete tutorials at their own pace, followed by review and testing by assigned instructor. Repeatable up to 99 units.

EDUC-X 101 Techniques in Textbook Reading

(2-3 cr.) Instruction and guided practice in techniques for learning from printed materials. Emphasis is on gaining information from text and practical retrieval and discussion of concepts. Much of the work is done on an individual basis. Repeatable up to 3 units.

EDUC-X 150 Reading/Learning Techniques I (1-3 cr.)

Emphasis on mechanics of reading, flexibility in reading, styles of learning, listening comprehension, vocabulary development, word attack, reading comprehension, and reading rate. Contact the Student Development Center for more information.

EDUC-X 461 Topical Explorations in Books for Children (0-2 cr.)

A survey of topics related to the use of books for children in the classroom. Course topics might include: a specific genre; reader-response theory; multicultural and international literature; books for toddlers and preschoolers; early readers and transitional chapter books; illustration as art; special needs; technology; media influences. Repeatable up to 6 units.

EDUC-X 470 PSYCHOLING TEACHERS OF READ

(3 cr.) Explores the linguistic and cognitive dimensions of language. Discusses relationships among the systems of language and among the various expressions of language. Always includes topics on semantics, grammar, and dialect.

EDUC-X 490 Research in Reading. (1-6 cr.) Individual research.

Education Graduate (EDUC)

EDUC-A 500 Introduction to Educational Leadership

(3 cr.) P: Permission required. Organization and structure of the school system; legal basis of school administration; agencies of administration and control; and standards for administration in the various functional areas.

EDUC-A 508 School Law and the Teacher (1-3 cr.)

P: Permission required. Focuses primarily on legal concerns affecting teachers in public secondary schools. Topics include tort liability; church-state relations; expression rights; children with disabilities; conditions of employment; discrimination and harassment; student testing; collective bargaining; teacher life-style choices; copyright concerns; teach contracts; and dismissal, recordkeeping practices and student discipline. Repeatable up to 3 units.

EDUC-A 510 School-Community Relations (2-3 cr.)

P: Permission required. This course investigates characteristics of the community school, including the multicultural quality of the community. It also explores adapting the educational program to community needs, using community resources in instruction, and planning school-community relations programs. Repeatable up to 6 units.

EDUC-A 590 Independent Study in Educational Leadership (1-3 cr.)

Individual research or study with School Administration faculty member, arranged in advance of registration. A one or two page written proposal should be submitted to the instructor during the first week of the term, specifying the scope of the project, project activities, meeting times, completion date, and student products. Repeatable up to 99 times.

EDUC-A 608 Legal Perspectives on Education (3 cr.)

P: Permission required. This course entails an overview of the legal framework affecting the organization and administration of public schools, including church-state issues, pupil rights, staff-student relationships, conditions of employment, teacher organizations, tort liability, school finance, and desegregation.

EDUC-A 625 Administration of Elementary Schools

(3-6 cr.) P: EDUC-A 500. Permission required. This course provides an overview of leadership at the elementary school level, including topics such as instructional leadership, personnel issues, managing support services and budgets, and building parent and community relationships. Repeatable up to 6 units.

EDUC-A 627 Secondary School Administration

(3 cr.) P: EDUC-A 500. Permission required. This course provides an overview of leadership at the secondary school level, including topics such as planning for instruction, personnel issues, managing support services and record keeping practices, coordinating extracurricular activities, and building parent and community relationships.

EDUC-A 635 Public School Budgeting and Accounting

(3 cr.) P: Permission required. This course explores the normative and positive aspects of financing K-12 public education. After a rigorous introduction to the foundation of school finance theory, the course investigates the concepts and practices of effective budget management.

EDUC-A 638 Public School Personnel Management

(3 cr.) P: Permission required. This course explores the background, present conditions, and future directions of school personnel management. It entails development and implementation of a school personnel management program and examination of problems and issues.

EDUC-A 695 Practicum in School Administration

(1-3 cr.) P: Permission of program coordinator. Provides closely supervised clinical experiences in various areas of educational leadership.

EDUC-E 506 Curriculum in Early Childhood Education

(2-6 cr.) Planning the curriculum and selecting and evaluating learning experiences for children ages three through eight years with reference to relevant research. Organizing the classroom to provide maximum integration among experiences in different academic areas. Repeatable up to 6 units.

EDUC-E 507 Evaluation of Classroom Behavior (3 cr.)

The child as a learner; goals for early childhood programs; organizing the instructional setting including teacher roles and methods of assessing behaviors. Use of this knowledge in organizing and evaluating self and a child in a program.

EDUC-E 508 Seminar in Early Childhood Education

(1-3 cr.) Seminar will be based on current interests of students and will serve as a means of synthesizing their experiences. An interdisciplinary approach will be taken to exploring current issues and problems in early childhood education, current happenings as they relate to the issues, and major research efforts to support programs. Repeatable up to 15 units.

EDUC-E 513 Workshop in Elementary Social Studies (1-6 cr.) Means for improving the teaching of social studies in the elementary school. Repeatable up to 9 units.

EDUC-E 514 Workshop in Elementary Language Arts (1-6 cr.) Means for improving the teaching of language arts in the elementary school. Repeatable up to 99 times.

EDUC-E 515 Workshop in Elementary Reading (1-6 cr.) Means for improving the teaching of reading in the elementary school. Repeatable up to 6 units.

EDUC-E 516 Workshop in Elementary School Science (1-6 cr.) For experienced teachers. Ideas on analysis of problems; curriculum trends and teaching techniques; development of new educational materials; and recent resource materials. Repeatable up to 99 times.

EDUC-E 518 Workshop in General Elementary Education (1-6 cr.) Individual or group study of problems within the field of elementary education. Repeatable up to 99 times.

EDUC-E 524 Workshop in Early Childhood Education (1-6 cr.) Individual and group study of the problems of nursery school and kindergarten education.

EDUC-E 525 Advanced Curriculum Study in Early Childhood (3 cr.) In-depth study of those educators and philosophers, past and present, who have influenced early childhood curricula. Emphasis on the beliefs of Dewey, Piaget, Vygotsky, Montessori, Eisner, and Bruner and how they influence each student's educational belief system.

EDUC-E 535 Elementary School Curriculum (3 cr.) Social, economic, and educational forces influencing changes in the curriculum of the elementary school; observation and study of the curriculum and methods of evaluating it.

EDUC-E 545 Advanced Study in the Teaching of Reading in the Elementary Schools (1-3 cr.) Review of developmental reading program in the elementary school, use of reading in various curriculum areas, appraisal of reading abilities, and techniques and materials for individualized instruction. Repeatable up to 3 units.

EDUC-E 547 Elementary Social Studies Curriculum (3 cr.) Explores the purposes, substantive issues, essential pedagogies, and content of elementary social studies curriculum. Also examines innovative approaches to designing and implementing social studies curriculum for elementary classrooms.

EDUC-E 548 Advanced Teaching of Science in the Elementary School (3 cr.) Designed for experienced teachers to gain greater proficiency in the teaching of science in the elementary school. Individualized learning experiences will be provided for persons interested in middle school teaching.

EDUC-E 549 Advanced Study in the Teaching of Language Arts in the Elementary Schools (3 cr.) Helps experienced teachers gain further insight into the development of the English language and how best to teach language arts. Emphasizes the basic communication skills and significant trends and materials.

EDUC-E 590 Independent Study or Research in Elementary Education (1-3 cr.) P: Permission required. Individual research or study with an Elementary Education

faculty member, arranged in advance of registration. A one or two page written proposal should be submitted to the instructor during the first week of the term specifying the scope of the project, project activities, meeting times, completion date, and student product(s). Ordinarily, E590 should not be used for study of material taught in a regularly scheduled course. Repeatable up to 99 times.

EDUC-F 500 Topical Exploration in Education (1-3 cr.) The goal of this course is to bridge the gap between beginning computer users and beginning multimedia developers. The focus of the assignments will be on personal development of strategies and skills to be used in solving problems that arise during multimedia construction. A variety of multimedia software and hardware solutions will be presented including virtual reality, audio and video applications. Student will work on multimedia projects. Some will be undertaken individually while more complex media may involve the formation of teams and/or class projects. Repeatable up to 99 times.

EDUC-G 500 Orientation to Counseling (3 cr.) Focus is on the student, self-concept, interpersonal relationship skills, and an overview of the field of counseling. Philosophical, ethical, and social cultural basis of helping relationships.

EDUC-G 504 Counseling Theory and Techniques II: Behavior and Family Systems (3 cr.) Analysis of major behavior and family counseling theories emphasizing didactic and experiential activities designed to model application of processes, procedures, and techniques of behavior, and family approaches to professional practice.

EDUC-G 505 Individual Appraisal: Principles and Procedures (3 cr.) An analysis of statistical, psychometric, socio-metric, and clinical principles crucial to professional interpretation of standardized and informal data regarding individual clients. Current issues/controversies about ethnic, sex, cultural, and individual differences will be examined.

EDUC-G 507 Lifestyle and Career Development (3 cr.) Lifestyle and Career Development includes such areas as vocational choice theory, relationship between career choice and lifestyle, sources of occupational and educational information, approaches to career decision-making processes and career development exploration techniques.

EDUC-G 523 Laboratory in Counseling and Guidance (3 cr.) Laboratory experience, counseling, analysis of counseling interviews, role playing and closely supervised counseling in the laboratory setting.

EDUC-G 524 Practicum in Counseling (1-3 cr.) C: EDUC-G 532. Requires acceptance into the clinical cohort. Closely supervised counseling practice with clients in the department's counseling laboratories or in approved field sites in schools or agencies. Intensive supervision. Special application required. Repeatable up to 12 units.

EDUC-G 532 Introduction to Group Counseling (3 cr.) Requires acceptance into the clinical cohort. Psychological and theoretical foundations of group counseling. Analysis of the dynamics of groups.

EDUC-G 542 Organization and Development of Counseling Programs (3 cr.) Requires acceptance into the clinical cohort. Environmental and population

needs assessment for program planning. Procedures for counseling program development and accountability/evaluation. Case studies.

EDUC-G 550 Internship in Counseling (1-6 cr.)

Requires acceptance into the clinical cohort. Counseling experience in school or agency situations. Under supervision, students get practice in counseling, interviewing, in-service training, orientation procedures, and data collection. Special application required. May be repeated, not to exceed a total of 12 credit hours, with consent of School of Education.

EDUC-G 562 School Counseling (3 cr.) Requires acceptance into the clinical cohort. Foundations and contextual dimension of school counseling. Knowledge and skills for the practice of school counseling, Developmental Counseling, Program development, implementation and evaluation. Consultation, Principles, practices and applications of needs assessment. Provides an overall understanding of the organization of schools and the functions of the counselor and counseling program.

EDUC-G 570 Human Sexuality (3 cr.) This is an introductory graduate-level course dealing with all areas of human sexuality that a person might encounter in day-to-day living. Topics will include sexual terminology, the human body, expressing our sexuality, heterosexuality, homosexuality, pornography, sex education, sex offenses, sexual dysfunction, and sex therapy.

EDUC-G 575 Multicultural Counseling (3 cr.) This course is designed to provide both a cognitive and guided training opportunity. It examines the influence of cultural and ethnic differences of counselor and client in counseling. Attention is given to theory, research, and practice.

EDUC-G 585 Contemporary Issues in Counseling (3 cr.) Focuses on the goals and objectives of professional organizations, codes of ethics, legal considerations, standards of preparation, certification, licensing, and role identity of counselors and other personnel services specialists. Students will conduct research on emerging developments reported in the counseling literature.

EDUC-G 590 Research in Counseling & Guidance (1-3 cr.) P: Consent of instructor. Individual research for students in the clinical cohort or post masters counseling students. Repeatable up to 99 times.

EDUC-G 592 Seminar in Drug and Alcohol Abuse Prevention (3 cr.) Introduction to etiology and symptomology of drug/alcohol abuse and methods of prevention or remediation. Includes dynamics of Adult Children of Alcoholics/Abusers and families of abusers.

EDUC-G 596 Counseling Supervision (3 cr.) Limited to post masters students in counseling. Introduction to counseling supervision theory, methods, and techniques. Special attention to ethical and legal obligations. Closely directed experience in supervising beginning graduate students.

EDUC-H 520 Education and Social Issues (3 cr.) Identification and analysis of major issues in education as related to the pluralistic culture of American society.

EDUC-H 553 Travel Study (1-6 cr.) Provides an opportunity to visit historical and cultural areas of the United States and many foreign countries. Repeatable up to 99 times.

EDUC-J 500 Instruction in the Context of Curriculum (3 cr.) First course for the Master's degree in Curriculum & Instruction. Extends concepts introduced in undergraduate teacher preparation. Topics include conceptions and definitions of curriculum and instruction and their impact on social contexts, learning theories, and schooling practices. Elementary and secondary contexts are studied.

EDUC-J 511 Methods of Individualizing Instruction (3 cr.) Student will critically examine several approaches to individualizing instruction.

EDUC-K 500 Topical Workshop in Special Education (1-3 cr.) Intensive study of such selected topics as language development for exceptional children, the disadvantaged child, and behavior modification for exceptional children. Repeatable up to 99 times.

EDUC-K 505 Introduction to Special Education for Graduate Students (3 cr.) P: Graduate standing or consent of instructor. Basic special education principles for graduate students with no previous course work in special education.

EDUC-K 535 Assessment/Remediation of Mildly Handicapped I (3 cr.) P: Permission of instructor. Emphasizes the collection and use of formal and informal assessment information for designing the content of individual educational plans for handicapped children in various academic areas such as reading and mathematics.

EDUC-K 544 Education of the Socially and Emotionally Disturbed II (3 cr.) P: Permission of instructor. A basic survey of educational curricula, procedures, and materials for socially and emotionally disturbed children; stresses development of individual teaching skills, emphasizes classroom experiences with disturbed children.

EDUC-K 553 Classroom Management and Behavior Support (3 cr.) P: Permission of instructor. Surveys principles of behavior management as they pertain to educational environments. Students will learn how to define, observe, measure, record, and change academic and social behavior.

EDUC-K 590 Topic: Partnerships (3 cr.) P: Permission of instructor. Active exploration of community, social agencies, school, and family as stakeholders and contributors to services for students with exceptional needs. Collaboration, consultation, conflict resolution, and grant initiatives.

EDUC-K 590 Topic: Assistive Technology, TBI, Autism, Functional Curriculum (3 cr.) P: Permission of instructor. Study of nature and needs of students with traumatic brain injury, autism, and related conditions. Overview of age-appropriate skills likely to increase the ability of students with exceptional needs to function in present and future environments. Study of low and high assistive technology for routine and customized access to general education curriculum.

EDUC-K 563 Diagnosis and Remediation of Learning Disabilities I (3 cr.)

EDUC-K 588 Supervised Teaching in Special Education (3-12 cr.) P: Permission of instructor. Provides for an opportunity to student teach in ED, EMR, or LD classrooms. Repeatable up to 99 times.

EDUC-K 590 Topic: Methods of High Incidence (1-3 cr.) P: Permission of instructor. Application of research-based best practices in designing, delivering, and monitoring specialized instruction for students with exceptional needs across settings. Instruction focusing on general education outcomes with or without adaptations and modifications.

EDUC-K 590 Independent Study or Research in Special Education (1-3 cr.) P: Permission of instructor. Individual research or study with a Special Education faculty member, arranged in advance of registration. A one or two page written proposal should be submitted to the instructor during the first week of the term specifying the scope of the project, project activities, meeting times, completion date, and student product(s). Ordinarily, K590 should not be used for the study of material taught in a regularly scheduled course.

EDUC-K 595 Supervised Teaching in Special Education (3 cr.) P: Consent of instructor. Provides for closely supervised field experiences in various areas of special education.

EDUC-L 502 Socio-Psycholinguistic Applications to Reading Instruction (3 cr.) Explores the linguistic and cognitive dimensions of language as they relate to the teaching of reading. Discusses relationships among the systems of language and between the various expressions of language. Always includes topics on pragmatics, semantics, grammar and dialect.

EDUC-L 511 Advanced Study in the Teaching of Writing in Elementary Schools (3 cr.) The study of trends, issues, theories, research, and practice in the teaching and evaluation of written composition in elementary schools. The emphasis is on alternative methods for the teaching of writing and for the evaluation of progress (growth) in writing.

EDUC-L 520 Advanced Study in Foreign Language Teaching (3 cr.) Principles, practices, problems, and current research pertaining to the teaching of a particular modern language in the secondary school. Emphasis on teaching the advanced levels. Separate sections as needed for teachers of French, German, Russian, and Spanish.

EDUC-L 524 Language Education Issues in Bilingual and Multicultural Education (3 cr.) A survey of language education issues related to the linguistic abilities and educational needs of students requiring bilingual or bidialectal instruction. Topics discussed include language acquisition, language pedagogy, program models, cultural influences, teacher training, and research directions.

EDUC-L 530 Topical Workshop in Literacy, Culture, and Language Education (1-6 cr.) P: Consent of instructor. Individual and group study of special topics in the field of language education. Updating and improving

the teaching of English, English as a second or foreign language, foreign languages, and reading.

EDUC-L 535 Teaching Adolescent/Young Adult Literature (3 cr.) The course highlights and analyzes recent young adult literature acknowledging significant, earlier texts and their distinguishing features. It also considers curricular and pedagogical issues salient to the adoption of young adult literature, particularly related to reader-centered approaches and multicultural curricula.

EDUC-L 539 Language Foundations for ESL/EFL Teachers (1-3 cr.) Focus on identification of systematic aspects of English that could challenge English Language Learners at different proficiency levels of language acquisition. Students engage in the discussion and development of modification approaches that address language needs in content classes with attention to socio-cultural aspects of language use and language learning experiences of diverse students. Repeatable up to 3 units.

EDUC-L 540 ESL/EFL Instruction and Assessment Approaches (1-3 cr.) The course provides an overview of various approaches to instruction and assessment that incorporate the current thinking in the field. Includes discussion of content-based models of language instruction and standardized, alternative, and authentic forms of assessment. Repeatable up to 3 units.

EDUC-L 559 Trade Books in Elementary Classrooms (3 cr.) Emphasizes the use of trade books in language and reading in elementary classrooms.

EDUC-M 500 Integrated Professional Seminar (0-6 cr.) This seminar is linked to courses and field experiences included in the Transition to Teaching (T2T) program. It will allow for collaboration among school-based mentors, university-based instructors and T2T candidates in offering academic content appropriate to the program. The seminar will provide a technology-rich and performance-based professional experience. This course has a fee attached. Repeatable up to 6 units.

EDUC-M 501 Laboratory/Field Experience (0-3 cr.) A laboratory field experience in Education for graduate students.

EDUC-M 514 Workshop in Social Studies Education (1-6 cr.) Special topics in methods and materials for improving the teaching of social studies in middle, junior high, and high school. Repeatable up to 12 units.

EDUC-M 550 Practicum (3-6 cr.) P: Characteristics and methods courses with a minimum grade of B (3.0), and permission of instructor. This course provides teaching experience in an accredited school. Student evaluated on S/F basis only. Repeatable up to 99 units.

EDUC-N 517 Advanced Study in the Teaching of Secondary School Mathematics (3 cr.) P: Completion of an undergraduate methods course and teaching experience, or permission of instructor. Methods, materials, literature; laboratory practice with mathematics equipment; evaluation techniques; standards; and determination of essentials of content. Developing mathematics programs for specific school situations.

EDUC-N 523 Workshop in Elementary Modern Mathematics (1-6 cr.) Means for improving the teaching of mathematics in the elementary school. One credit hour

is offered for each week of full-time work. Repeatable up to 99 units.

EDUC-N 524 Math Teachers Workshop (1-6 cr.) For experienced teachers. Ideas on curriculum trends and teaching techniques; recent source materials; analysis of problems; development of new educational materials. One credit hour is offered for each week of full-time work. Repeatable up to 6 units.

EDUC-N 543 Advanced Study in the Teaching of Mathematics in Elementary Schools (3 cr.) Designed to help the experienced teacher improve the teaching of mathematics. Opportunities will be provided for individual and group study of content, methodology, and instructional materials for modern mathematics programs.

EDUC-P 506 Topical Workshop in Educational Psychology: Variable Title (0-3 cr.) Individual and group study of selected topics in the field of educational and school psychology. Repeatable up to 3 units.

EDUC-P 507 Assessment in Schools (3 cr.) Introductory assessment course for teachers and school administrators. Topics include principles of assessment, formal and informal classroom assessment instruments and methods, formative and summative assessment, interpretation and use of standardized test results, social and political issues in assessment, use of student data bases in schools.

EDUC-P 510 Psychology in Teaching (2-3 cr.) Basic study of psychological concepts and phenomena in teaching. Analysis of representative problems and of the teacher's assumptions about human behavior and its development. Repeatable up to 3 units.

EDUC-P 515 Child Development (3 cr.) Major theories and findings concerning human development from birth through the elementary years as they relate to educational and clinical practice. Topics include: biological development, cognitive development, language acquisition, emotional and social development.

EDUC-P 516 Adolescent Behavior and Development (3 cr.) Examination of major theories and findings concerning biological, cognitive, social, and emotional development during adolescence, emphasizing educational and clinical implications. Topics may include: puberty and adolescent health, identity development, decision-making, the role of families, peers and romantic relationships, schools and achievement, and socioemotional problems in adolescence.

EDUC-P 570 Managing Classroom Behavior (3 cr.) An analysis of pupil and teacher behaviors as they relate to discipline. Attention is given to the development of such skills as dealing with pupils' problems and feelings, behavior modification, reality therapy, assertiveness in establishing and maintaining rules and group processes. Designed for teachers, administrators, and pupil personnel workers.

EDUC-P 575 Developing Human Potential (1-6 cr.) Theory and techniques of humanistic psychology as they relate to the helping professions. A variety of readings and experiences emphasize applications in human relations skills, self-image, values and stress management. Course

assignments include applications to both personal and professional life. Repeatable up to 6 units.

EDUC-Q 514 Workshop in Junior High School/Middle School Science (1-3 cr.) For experienced teachers. Ideas on curriculum trends and instructional techniques; new resource materials; development of new educational materials; and analysis of problems. One credit hour is offered for each week of full-time work.

EDUC-Q 540 Teaching Environmental Education (3 cr.) For elementary and secondary teachers. Basic principles of environmental/conservation education stressed in grades K-12. Methods and techniques for integrating these principles into existing curricula. Designed for the development and evaluation of new interdisciplinary teaching materials.

EDUC-Q 550 Science, Technology and Society in a Changing World (3 cr.) Critical perspectives on the social aspects of science and technology in our lives, in the world around us, and throughout history. Issues include economic development, the environment, communication and war.

EDUC-Q 590 Independent Study or Research in Science Education (1-3 cr.) Individual research or study with a Science Education faculty member, arranged in advance of registration. A one or two page written proposal should be submitted to the instructor during the first week of the term specifying the scope of the project, project activities, meeting times, completion date, and student product(s). Ordinarily, Q590 should not be used for the study of material taught in a regularly scheduled course.

EDUC-R 505 Workshop in Instructional Systems Technology (Variable Title) (1-6 cr.) P: EDUC-R 531 or consent of the Computer Licensure Coordinator. Topical workshops on selected media/technology emphasizing hands-on experience. Content will vary; e.g. multi-image, microcomputers, simulations/games. This is a service course that may or may not be applicable to IST majors depending on workshop topic and content.

EDUC-R 531 The Computer in Education (3 cr.) Required of all students pursuing teacher certification. Introductory course on computing which includes Web, computer applications and hardware. Participants will learn to create and use a range of digital and Web tools to promote student learning in the P-12 educational settings and personal productivity. Contemporary digital instructional issues will be addressed.

EDUC-S 503 Secondary School Curriculum (3 cr.) Designed to provide an overview for the teacher of the basic theories underlying the secondary school curriculum as well as an examination of the subject areas, problems, trends, and challenges for the future and significant research in the field.

EDUC-S 508 Problems in Secondary Education (1-3 cr.) Group analysis of a common problem in the field of secondary education. May be repeated.

EDUC-S 512 Workshop in Secondary Education (Variable Title) (1-6 cr.) Individual and group study of issues or concerns relating to the field of secondary education in workshop format. Repeatable up to 99 units.

EDUC-S 514 Advanced Study in the Teaching of Reading in the Junior High and Secondary Schools (3 cr.) For junior high/middle school and secondary teachers as well as Reading Program candidates. The developmental reading program in junior high/middle school and secondary schools; use of reading in various curriculum areas, appraisal of reading abilities, and techniques and materials for helping reluctant readers. Repeatable up to 6 units.

EDUC-S 516 Advanced Study in the Teaching of Reading in the Junior High and Secondary School (3 cr.) Current methods and materials for secondary school English courses; guiding reading to meet literacy, historical, vocational, or scientific interests.

EDUC-S 518 Advanced Study in the Teaching of Secondary School Science (3 cr.) For science teachers. Improved techniques, current literature, textbooks, and free and low-cost materials. Solutions to specific practical problems confronting science teachers in the classroom and laboratory.

EDUC-S 519 Advanced Study in the Teaching of Secondary School Social Studies (3 cr.) For experienced teachers. Restudying the purposes of high school social studies, evaluating recent developments in content and instructional procedures, and developing social studies programs for specific school situations.

EDUC-S 590 Independent Study or Research in Secondary Education (1-3 cr.) P: Permission. Individual research or study with a Secondary Education faculty member, arranged in advance of registration. A one or two page written proposal should be submitted to the instructor during the first week of the term specifying the scope of the project, project activities, meeting times, completion date, and student product(s). Ordinarily, S590 should not be used for the study of material taught in a regularly scheduled course. Repeatable up to 99 units.

EDUC-W 505 Professional Development Workshop (1-6 cr.) Workshop to meet specific professional needs. Repeatable up to 99 units.

EDUC-W 506 Using the Internet in K-12 Classrooms (3 cr.) P: EDUC-R 531 or the consent of the Computer Licensure Coordinator. Students will gain experience in utilizing the primary internet communication media; read, discuss, and report on how these technologies can be used with K-12 students; create and upload an educational website; locate and use interactive on-line education websites and educational games; write a paper outlining a series of internet-based activities they will use with their students.

EDUC-W 520 Planning for Technology Infrastructure (3 cr.) P: EDUC-R 531 or consent of Computer License Coordinator. This course addresses topics pertinent to planning for and sustaining technology infrastructures such as strategic planning, budgeting, vendors and contracts, grant writing, Acceptable Use Policy, classroom technology, wireless access, Student Information Systems (SIS), Learning Management Systems (LMS), and Total Cost of Ownership. Students will assess the technology needs of a specific learning environment and write a proposal to upgrade the technology support for teachers and learners.

EDUC-W 540 Technology-Infused Curriculum (3 cr.)

Course focuses on technology integration to promote critical thinking, global awareness, constructivist learning, collaboration, media literacy, high student motivation, higher-level thinking, and creativity. Students will learn about universal design, differentiation, instructional and assessment strategies, and planning techniques. Students will set curricular goals and design lessons for their own contexts.

EDUC-W 551 Educational Foundations for High Ability Students (3 cr.) Participants develop an understanding of the nature and needs of high ability individuals. Focus is on historical foundations, theories and philosophies and laws and policies related to high ability education. Identification and selection strategies, characteristics, and educational program opportunities are also emphasized.

EDUC-W 552 Curriculum for the Gifted and Talented (3 cr.) Participants examine issues related to curriculum design, adaptation, implementation, and evaluation. Curricular theories and models as well as subject matter modifications and administrative and program management concerns will be studied.

EDUC-W 553 Methods and Materials for the Gifted and Talented (3 cr.) Participants concentrate on teaching strategies that benefit gifted and talented learners. Opportunities are provided to select, develop, and evaluate educational materials for art and academic programs and to observe a group of high ability students in a special program.

EDUC-W 595 Practicum: High Ability Students (3 cr.) In this course, emphasis is on learning through field activities with in-class feedback related to the education of students who have high abilities in academic and/or arts areas. Focus is on developing leadership abilities through actively pursuing grants, creating workshops and websites, and other educational supports for high ability students.

EDUC-X 504 Diagnosis of Reading Difficulties in the Classroom (3 cr.) P: EDUC-E 545, or EDUC-S 514. Treats the theory, correlates, instruments, and techniques of diagnosing reading difficulties in the classroom.

EDUC-X 525 Practicum in Reading (1-4 cr.) P: EDUC-E 545, EDUC-X 504, and other courses required for reading certification program, three years of teaching experience, and/or permission of the instructor. Application required. Diagnostic testing, reading interventions, compiling student records, and working with groups and individuals under supervised conditions. Repeatable up to 8 units.

EDUC-X 590 Research in Reading (1-6 cr.) P: Permission required. Individual research. Repeatable up to 12 units.

health physical education and recreation Health, Physical Education, and Recreation (HPER)

HPER-A 361 Coaching of Football (1.5 cr.)

Fundamentals of the offensive and defensive line and backfield play; technique of forward passing; outstanding rules; offensive plays; most frequently used defenses.

HPER-A 362 Coaching of Basketball (1.5 cr.)

Fundamentals of basketball shooting, passing, ball handling, and footwork; patterns against man to man, zone, and zone pressure defense. Includes principles, theories, techniques, and problems of basketball coaching and coaching psychology.

HPER-A 368 Coaching of Tennis (1.5 cr.) Theory and methods of coaching tennis, covering technical, administrative, and organizational aspects involved in the process. Emphasis placed upon principles, fundamentals, tactics, conditioning, psychology, conduct of practice sessions, and problems.

HPER-C 366 Community Health (3 cr.) Human ecology as it relates to interaction of social and physical phenomena in solving community health problems. Considers the promotion of community health, programs of prevention, environmental health, and health services.

HPER-E 181 Tennis (1 cr.) Beginning instruction in the fundamental skills of forehand and backhand strokes and serves. Competitive play in women's, men's, and mixed doubles.

HPER-E 185 Volleyball (1 cr.) Instruction in fundamental skills of power volleyball, including the overhand serve, bump, set, dig, and spike. Team offensive and defensive strategies.

HPER-F 255 Human Sexuality (3 cr.)

HPER-H 160 First Aid and Emergency Care (2-3 cr.) Course addresses cardiopulmonary resuscitation (CPR), rescue breathing, choking, wounds, bleeding, burns, sudden illnesses, musculoskeletal injuries, and defibrillation/ the use of Automated External Defibrillators (AEDs). Skills are practiced in small lab settings. Students may obtain American Red Cross certifications, including CPR/AED for the Professional Rescuer.

HPER-H 305 Women's Health (3 cr.) This course is designed to provide students with an opportunity to examine the relationship of women to health and health care. Five dimensions of health: physical, mental, emotional, social, and spiritual provide a framework for comparison and contrast of health concerns unique to women and common to both sexes at all ages.

HPER-H 317 Topical Seminar in Health Education (1-3 cr.) The topical seminars will relate to current issues in the field of health education. May be repeated for credit if topic differs.

HPER-H 363 Personal Health (3 cr.) This survey course provides a theoretical and practical treatment of the concepts of disease prevention and health promotion. Course content includes topics such as emotional health; aging and death; alcohol, tobacco, and drug abuse; physical fitness; nutrition and dieting; consumer health; chronic and communicable diseases; safety; and environmental health.

HPER-H 518 Alcohol and Drug Education (1-3 cr.) Alcohol and drug abuse in American society are probed in a comprehensive yet practical manner. Physiological, psychological, sociological, theological, and legal dimensions of the issue are explored through lectures, group discussions, guest speakers, and audio-visual

presentations. Principles of teaching and counseling in drug education programs are discussed.

HPER-R 271 Dynamics of Outdoor Recreation (3 cr.)

Philosophical orientation to the field of outdoor recreation; camping, outdoor education, and natural resource management; with emphasis on programs, trends, resources, and values.

HPER-R 272 Recreation Activities and Leadership

Methods (3 cr.) P: HPER-R 160. Analysis of recreation program activities, objectives, determinants, and group dynamics involved in the leadership process. Identification and evaluation of equipment, supplies, and leadership techniques are included.

HPER-R 317 Seminar in Recreation and Parks (1-3 cr.)

Park and recreation current issues seminar. Topic varies with the instructor and year. May be repeated for credit if topic differs.

HPER-R 324 Recreational Sports Programming (3 cr.)

Overview of programmatic elements and techniques in recreational sports. Topics include informal, intramural, club, and extramural programming; values of recreational sports, programming techniques, publicity and promotion; faculty utilization, equipment, safety, liability, and program observation.

HPER-R 398 Practicum in Recreation, Park and

Tourism Studies (1-6 cr.) Practical field experience under faculty supervision and with seminar discussions. Repeatable for credit.

HPER-R 399 Readings in Recreation, Park, and

Tourism Studies (1-3 cr.) P: Consent of Instructor/ Department Coordinator Selected readings in Recreation, Parks, and Tourism studies. Only S/F grades given. Repeatable for Credit

HPER-R 160 Foundations of Recreation and Leisure

(3 cr.) An introduction to the field of recreation and leisure from the viewpoint of the individual as a consumer and of societal agencies as providers of leisure services. Includes philosophy, history, theory, and survey of public and private leisure-service organizations.

HPER-P 221 Intro to Sport Management (3 cr.)

An examination of the broad spectrum of career opportunities available in the sport management profession. Special emphasis on career planning, sport management terminology, and an overview of specific skills and courses required for professional preparation in sport management.

HPER-R 180 Participant[amt Leadership Development

(3 cr.) An interactive online course blended with four one-hour structured classroom meetings. Provides students with opportunities to learn and apply leadership skills gained through participation in organizations, athletic teams, or clubs. Will develop own personal leadership plan to initiate intentional leadership involvement. Topics include followership, time management, and teamwork.

HPER-P 215 Principal and Practice of Exercise

Science (3 cr.) A study of the scientific principles related to physical fitness and the practice applications of principles to directing fitness programming in school, recreation, and corporate settings. Students will be

involved in setting up, participating in, and evaluating personal fitness activities.

HPER-P 212 Introduction to Exercise Science (3 cr.)

A study of the scientific principles related to physical fitness and the practice applications of principles to directing fitness programming in school, recreation, and corporate settings. Students will be involved in setting up, participating in, and evaluating personal fitness activities.

HPER-P 280 Basic Prevention & Care Athletic Injury (2 cr.) Course will focus on basic principles of prevention recognition and management of sport-related injuries.

HPER-P 333 Sport in America: History Perspectives (3 cr.) Study of the evolution of sport in the United States within the larger context of historical developments in society; women's sport experiences in relation to the development of sport; examination of sport as a reflection of American culture from the founding of the colonies to the present.

HPER-P 415 Sport Promotions & Public Relations (3 cr.) An introduction to the theories and techniques of sport promotions, public relations, and fund-raising.

Interdisciplinarity Studies (IDIS)

IDIS-D 501 Humanities Seminar (1-4 cr.) An interdisciplinary graduate seminar in the humanities. Topics vary from semester to semester. Course is repeatable.

IDIS-D 502 Social Science Seminar (1-4 cr.) An interdisciplinary graduate seminar in the social sciences. Topics vary from semester to semester. Course is repeatable.

IDIS-D 503 Natural Science Seminar (1-4 cr.) An interdisciplinary graduate seminar in the natural sciences. Topics vary from semester to semester. Course is repeatable.

IDIS-D 510 Introduction to Graduate Liberal Studies (3-4 cr.) A comprehensive introduction to graduate liberal studies. Explores the cultures of the humanities, social sciences, and sciences. Investigates interdisciplinary methodologies. Offers strategies for graduate-level reading, research, and writing for other publics.

IDIS-D 511 MLS Humanities Elective (1-4 cr.) Topics vary. Repeatable up to 21 units.

IDIS-D 512 MLS Social Sciences Elective (1-4 cr.) Topics vary. Repeatable up to 21 units.

IDIS-D 513 MLS Natural Sciences Elective (1-6 cr.) Topics vary. Repeatable up to 21 units.

IDIS-D 550 Teaching Assistantship (3 cr.) This graduate course will take the form of a teaching assistantship. This course is a requirement for the academic teaching track.

It will consist of assisting a faculty member in planning, teaching, grading, and assessing a course in the area of the student's concentration. May be repeated once.

IDIS-D 551 Research Assistantship (1-6 cr.) P: LBST-D/IDIS-D 510 and prior consent of director and instructor. This is a research assistantship to assist faculty in his/her area of research. Repeatable up to 6 units.

IDIS-D 591 Graduate Seminar in Teaching and Learning (1-3 cr.) This workshop will focus on SoTL and best practices literature about pedagogy in higher education. This will include: philosophy of teaching and learning, course planning and design, selecting textbooks and readings, syllabus construction and course policies, the literature on lecturing and discussion, faculty and student conduct, assessment of student learning.

IDIS-D 594 Liberal Studies Directed Readings (1-3 cr.) Independent study Course is repeatable.

IDIS-D 601 Graduate Project Proposal Seminar (3 cr.) Independent study sponsored and supervised by faculty member/committee chair for research/creativity track in which students choose a topic, create a bibliography, write a formal proposal, and defend it before a faculty committee.

IDIS-D 602 Graduate Project (1-6 cr.) Independent project work conducted in consultation with a faculty director. Course is repeatable.

IDIS-D 500 Graduate Project (3-6 cr.) Independent project to be undertaken in consultation with graduate advisor. This project requires students to demonstrate mastery of some specific topic or medium of expression. Course is repeatable.

IDIS-D 599 Internship (0-6 cr.) An internship is an educational experience related to a student's degree program and career plan which applies what the student has learned to work situations. It involves a student, employer, and university sponsor. See Career Services for more information and to register. Course is repeatable to maximum of 6 credits.

IDIS-D 700 TOPICS IN LIBERAL STUDIES (3 cr.) Intensive study of a major issue in the Humanities, Social Sciences, or Sciences. Interdisciplinary approach, seminar format. Individual project required. Specific topic announced in Schedule of Classes.

Allied Health (AHLT)

AHLT-B 320 Global Health Delivery (3 cr.) This course is intended to give students an overview of the history, structure, and financing of systems of health care delivery of developed and emerging nations in comparison and contrast to that of the United States. Students will understand the goals and challenges in achieving optimum health in these countries.

AHLT-B 371 Human Resources Management in Health Care (3 cr.) Management of human resources in the health care system including human resource planning and staffing, training and development, performance appraisal, job design and analysis, and compensation.

AHLT-C 150 Body Structure and Function (3 cr.) Introduction to the basic structures and functions of the human body; fundamental anatomic terminology; relationships of clinical laboratory to diagnosis.

AHLT-M 101 INTRODUCTION TO HEALTH RECORDS (3 cr.) Study of health record documentation, as they relate to various healthcare settings, organizational principles, and Information Governance initiatives. Development of systems and processes for collection, maintenance, and dissemination of health-related

information. Study of the various uses of the data contained within the health record.

AHLT-M 102 Clinical Experience I (3 cr.) P: AHLT-M 109 with C or better. Lab fee required. This is an advanced healthcare documentation course that focuses on improving keyboarding and proofreading skills in the health care field with emphasis on production, speed, and accuracy. Course includes formatting, transcription of case studies, medical procedures in various specialties, operative reports and discharge summaries. This course is in the process of being changed to AHLT-M 394 (Healthcare Documentation Practicum).

AHLT-M 109 Medical Transcription Technology (3 cr.) P: AHLT-M 195 and ENG-W 131 with C or better. Lab fee required. This is a beginning medical word processing and healthcare documentation course that includes both lecture and laboratory components. Lecture will cover the career and certification of a medical documentation specialist, punctuation, grammar, proofreading skills, and the content and format of various medical reports. The laboratory portion will focus on transcribing medical reports and correspondence of different specialties, proofreading the work, and making necessary corrections to produce a legible document. This course is in the process of being changed to AHLT-M 393 (Healthcare Documentation).

AHLT-M 195 Medical Terminology (3 cr.) The purpose of this course is to further develop a student's understanding of the study of the language of medicine, including word construction, definitions, spelling, and abbreviations with application to other healthcare courses. Emphasis on abbreviations, analyzing, words based on their root, prefix or suffix, as well as identifying common mistakes within medical terminology. This course is in the process of changing to AHLT-M 330 (Medical Terminology).

AHLT-M 330 Medical Terminology (3 cr.) This course is the study of the language of medicine, including word construction, definitions, spelling, and abbreviations. It provides a basic knowledge of anatomy and physiology, pathology, surgical procedures, laboratory and radiology procedures, and pharmacology. Greek and Latin prefixes, suffixes, word roots, and combining forms are presented. Emphasis is forming a foundation for a medical vocabulary including definition, spelling, and pronunciation. Medical abbreviations, signs, and symbols are included.

AHLT-M 350 Med Science for Health Info I (3 cr.) P: One science course for majors (AHLT, ANAT, CHEM, BIOL, MATH, or PHYS). This course will provide an introduction to pharmacology, the study of drugs. This course will introduce students to the most common drug classes and how these drugs are used in the treatment of disease. In particular, this course will focus on the mechanism of action of many drug classes, and aid students in the understanding of both the intended effects and the side effects of these drug classes.

AHLT-M 390 Coding I (3 cr.) P: AHLT-M 330 with a grade of C or better. Provides instruction in coding of diagnoses, diseases, signs, and symptoms, procedures and services provided in office, inpatient hospital, outpatient hospital, nursing facilities, laboratories, radiology/diagnostic imaging. Provides an overview of medical insurance programs and the skills needed to assign and link ICD-9-

CM/ICD-10-CM, CPT, and HCPCS codes in correct format to submit to an insurance carrier for reimbursement for medical necessity.

AHLT-M 391 Coding II (3 cr.) P: AHLT-M 390 with grade of C or better. This is advanced instruction to include lecture and practice application in the assignment of CPT, ICD-9-CM/ICD-10-CM, and HCPCS codes as introduced in basic medical coding. Emphasis on correct code assignment and sequencing of codes to provide medical necessity for reimbursement by third party payers for services and procedures provided in a physician office, hospital, nursing facilities, laboratories, and radiology/diagnostic imaging. This course will include additional instruction in the coding of anesthesia services, extensive modifier placement, and the ability to abstract information from the medical record to select accurate codes for submission to a third party payer.

AHLT-M 392 Intro to HIM & Reimbursement (3 cr.) P: AHLT-M 330 and AHLT-M 390 with a C or better. Introduction of Health Information Management principles and policies, medical records, standards, regulations, licensure, and content. Overview of medical insurance programs, including Medicare, Medicaid, Tricare, group health plans, and Workers Compensation reimbursement methodologies related to third party payers. Overview of release of information principles, privacy, and security standards as outlined by the Health Insurance Portability and Accountability Act of 1996 (HIPAA).

AHLT-M 393 Healthcare Documentation (3 cr.) P: AHLT-M 393 with a grade of a C or better. This is a beginning medical word processing and transcription course that includes both lecture and laboratory components. Lecture covers the career and certification of a medical transcriptionist; punctuation, grammar, and sentence structure. Introduction to the content and format of various medical reports transcribed in any health care facility, including all medical specialties. Practice will include proofreading skills and making necessary corrections to produce a legible and legal medical document. Introduction to the electronic medical record, HIPAA, and the confidentiality and security of the patient information. Repeatable up to 6 units.

AHLT-M 394 Healthcare Documentation Practicum (3 cr.) P: AHLT-M393 with a grade of a C or better. Advanced medical transcription focusing on improving beginning skills to meet the demands of the workplace with emphasis on production, speed, and accuracy to produce a legal medical document. Skills include legalities of the medical record, documentation requirements defined by the Health Insurance Portability and Accountability Act (HIPAA) as related to security, privacy, and confidentiality. Students will experience the diversity of the Health Information Management department of any healthcare facility to recognize the various functions within that department and how they relate to each other.

AHLT-M 395 Introduction to ICD-10-CM Diagnostic Coding (3 cr.) P: AHLT-M 391 or equivalent with a grade of C or better, or instructor approval. This course focuses on the revised structure and format in the transition from ICD-9-CM to ICD-10-CM. Review of guidelines and coding concepts with emphasis on correct code assignment and sequencing of codes to provide medical necessity

for reimbursement for services and procedures in all healthcare facilities.

AHLT-R 100 ORIENTATION TO RAD TECHNOLOGY (3 cr.) Introduction to the field of radiology and its history. Students learn proper ethical standards, become acquainted with the duties and responsibilities in personal care for the patient, and investigate radiation protection for the patient and personnel.

AHLT-R 102 PRINCIPLES OF RADIOGRAPHY 1 (3 cr.) Basic concepts of radiation, its production, and its interactions with matter. Includes the production of the radiographic image and film processing.

AHLT-R 185 MEDICAL TERMINOLOGY (3 cr.) This course covers medical terminology, symbols, and abbreviations and the application of this new language in the field of health care. While terms are covered as they relate to body structure and function, the main focus is on medical vocabulary and being able to construct terms using word parts such as roots, suffixes, and prefixes.

AHLT-R 200 Pathology (3 cr.) P: AHLT-C 150 or ANAT-A 215, or instructor approval. A survey of the changes that occur in the human body to include general concepts of disease, cause of diseases, clinical symptoms and treatment, and diseases that affect specific body systems.

AHLT-R 202 PRINCIPLES OF RADIOGRAPHY 2 (3 cr.) Continuation of R102 with emphasis on the properties that affect the quality of the radiographic image.

AHLT-R 250 PHYSICS APPLIED TO RADIOLOGY (3 cr.) Fundamentals of radiation physics, X-ray generation, and equipment quality control.

Anatomy (ANAT)

ANAT-A 215 Basic Human Anatomy (5 cr.) Lab fee required. Structure of cells, tissues, organs, and systems and their relationship to function. The course will cover each of the organ systems at both the gross and histological levels.

ANAT-A 464 Human Tissue Biology (5 cr.) P: BIOL-L 317 with grade of C or better. Microscopic structure of mammalian (with emphasis on human) tissues and organs.

ANAT-M 100 Improving Learning Skills in Anatomy (1-3 cr.) C: ANAT-A 215. This course examines the skills that can improve student learning in ANAT-A 215 (Basic Human Anatomy). A variety of study methods and skills will be explored and utilized to increase the understanding of topics in human anatomy. Coverage of course topics will occur concurrently in M100 and A215. Readings and lectures will be supplemented by whole-class and small-group discussions and by written assignments.

ANAT-A 465 Advanced Regional Anatomy (6-12 cr.) A 6 credit hour course structured in the same format as a graduate or medical school anatomy course, and directed to upper level majors. Specifically, undergraduate anatomy is typically taught in a systems format; whereas, graduate and medical school anatomy curriculum is structured by regions; i.e. head and neck, thoracic, limb, etc. The curriculum will be designed by body regions and clinical information will be introduced throughout the course. The upper level anatomy course will provide

new program development in support of the Bachelor of Science in HIA and HIM, in addition to supporting new curriculum reform by offering an upper level online course for allied health, biology and chemistry pre-professional majors. Repeatable up to 12 credits.

Astronomy (AST)

AST-A 100 The Solar System (3 cr.) Celestial sphere and constellations, measurement of time, astronomical instruments, Earth as a planet, moons, eclipses, planets and their satellites, comets, meteors, theories of origin of solar system.

AST-A 105 Stars and Galaxies (3 cr.) The sun as a star, physical properties of stars, principles of spectroscopy as applied to astronomy, double stars, variable stars, star clusters, gaseous nebulae, stellar motions and distribution, Milky Way system, expanding universe, cosmic time scale.

AST-A 110 INTRODUCTION TO ASTRONOMY (3 cr.) Earth as a planet, satellites, and comets, the sun, properties of stars, stellar systems, extragalactic objects. The nature of the observable universe.

AST-A 130 Short Courses in Astronomy (1 cr.) P: Instructor permission required. Short courses on a variety of topics in astronomy.

AST-A 150 Introductory Astronomy Lab (1 cr.) C: AST-A 100 or AST-A 105 or instructor permission. The observation of selected celestial objects using astronomical binoculars and telescopes. Astronomical data will be gathered and plotted by the student using auxiliary equipment installed on the telescopes. May be repeated (not to exceed 3 credit hours) with consent of instructor.

AST-A 151 Introductory Astronomy Research Lab (2 cr.) C: AST-A 100 or AST-A 105 and instructor permission. Research projects include gathering and measuring data obtained from planets, variable stars, and deep-sky objects. Measurements made using optical telescopes, cameras, photoelectric photometer, charge-coupled device, and radio telescope. Also, simple problem-solving exercises in stellar and planetary astronomy.

AST-A 200 Introduction to Cosmology (3 cr.) P: PHYS-P 100 or consent of instructor; AST-A 100 or AST-A 105 and MATH-M 102 are recommended. Historical and philosophical development of our physical picture of the Universe, evolution of galaxies, origin on the elements, cosmic distance scale, development of large scale structure, and the earliest stages of the Big Bang.

Biology (BIOL)

BIOL-E 111 Basic Biology by Examination I (3 cr.) Credit by examination for demonstrating an understanding of basic facts and concepts of the lecture content of BIOL-L 101. Credit not given for both BIOL-L 101 and BIOL-E 111.

BIOL-E 112 Basic Biology by Examination II (3 cr.) Credit by examination for demonstrating an understanding of basic facts and concepts of the lecture content in BIOL-L 102. Credit not given for both BIOL-L 102 and BIOL-E 112.

BIOL-K 312 Immunology (3 cr.) P: BIOL-L 101, BIOL-L 102, & CHEM-C 101, CHEM-C 102, CHEM-C 105, or CHEM-C 106, all with grades of C or better. An examination of molecular and cellular immunology, abnormal immune responses, and immunology reactions used in diagnosis.

BIOL-K 313 Immunology Laboratory (2 cr.) C: BIOL-K 312. Experimental examination of the immune response. Use of the antigen-antibody reaction for diagnostic purposes.

BIOL-K 322 GENETICS & MOLECULAR BIOLOGY (3 cr.) The course will cover the principles of classical and molecular genetics including Mendelian inheritance, lineage, nucleic acids, gene expression, recombinant DNA, genomics, immunogenetics, and regulation.

BIOL-K 323 GENETICS & MOLEC BIOLOGY LAB (3 cr.) Applied principles of genetics and molecular biology using organisms of increasing complexity from viruses to fruit fly. Laboratory experiments include lineage analyses, deletion mapping, isolation of human chromosomes, mutagenesis, DNA extraction, restriction enzyme analysis, and PCR.

BIOL-L 100 Humans and the Biological World (3 or 5 cr.) Principles of biological organization, from molecules through cells and organisms to populations. Emphasis on processes common to all organisms, with special reference to human beings. Lecture or lecture and laboratory. Will not count toward a biology degree. Credit not given for both BIOL-L 100 and BIOL-L 101.

BIOL-L 101 Introduction to Biological Sciences I (5 cr.) One year of high school chemistry or one semester of college chemistry is recommended. Fundamental principles of biology for students considering a biology major or students with high school science background. Principles of biochemistry, cell biology, genetics, developmental biology, animal morphology, and physiology. Lecture and laboratory. Credit not given for both BIOL-L 101 and BIOL-L 100.

BIOL-L 102 Introduction to Biological Sciences II (5 cr.) One year of high school chemistry or one semester of college chemistry is recommended. Fundamental principles of biology for students considering a biology major or students with high school science background. Principles of evolution, systematics, diversity and ecology, and plant biology. Lecture and laboratory.

BIOL-L 110 Insects: The Alien Empire (3 cr.) The course examines relationships between humans and the most successful multi-celled organisms on earth - the insects. Understanding the philosophy of science and biological concepts using insects as model organisms is emphasized. The negative and positive impact of insects on the human condition is explored in an historical and contemporary context. The course examines how insect transmitted pathogens have influenced human history and how changes in technology have affected our food supply and the direction of research aimed at developing alternative control measures, including genetically modified crops. Other topics include the past and potential use of insects as weapons of war and how insects have influenced human art, religion, and entertainment. Will not count toward a biology degree.

BIOL-L 111 Foundations of Biology: Diversity, Evolution, and Ecology (3 cr.) For biology and other science majors. Preference will be given to freshmen and sophomores. Focus is on the processes of evolution leading to organismal diversity and adaptation, as well as basic ecological concepts.

BIOL-L 112 Foundations of Biology: Biological Mechanisms (3-4 cr.) Integrated picture of manner in which organisms at diverse levels of organization meet problems in maintaining and propagating life.

BIOL-L 113 Biology Laboratory (3 cr.) P: Introductory Biology course and permission. Laboratory experiments in various aspects of biology with focus on investigation logic and methods. Introduces aspects of cell-biology, genetics, and evolutionary biology.

BIOL-L 200 Environmental Biology and Conservation (3 cr.) P: ENG-W 130 or ENG-W 131, and MATH-M 110 or higher with grades of C or better, OR minimum of 12 credits. Study of flora and fauna of Indiana through laboratory and fieldwork. Emphasis on identification, classification, life histories, and habitats of organisms and their conservation as renewable resources.

BIOL-L 211 Molecular Biology (3 cr.) P: BIOL-L 101, BIOL-L102, and CHEM-C 101, CHEM-C 102, CHEM-C 105, or CHEM-C 106, all with grades of C or better. Structure and function of DNA and RNA. DNA replication, mechanisms of mutation, repair, recombination, and transposition. Mechanisms and regulation of gene expression. The genetic code, transcription, and translation. Introduces bacteriophages, plasmids, and the technology of recombinant DNA.

BIOL-L 303 Field Biology (3 cr.) P: One semester of biology and department consent. A summer or intensive course designed to acquaint the student with natural biological interactions in the environment. The course consists of a period of field study in an area remote from the local campus. Orientation before and following course. May be repeated once for credit.

BIOL-L 304 Marine Biology (3 cr.) P: ENG-W 130 or ENG-W 131, and MATH-M 110 or higher with grades of C or better, OR minimum of 12 credits. An introductory course for majors and nonmajors involving the study of principles, concepts, and techniques of marine and estuarine biology.

BIOL-L 311 Genetics (3 cr.) P: BIOL-L 211 with C or better. C: BIOL-L 319. Lecture course on the principles of heredity at the molecular, cellular, individual, and population levels. Credit given for only one: BIOL-L 311 or BIOL-K 322.

BIOL-L 312 Cell Biology (3 cr.) P: BIOL-L 211 with C or better. Current views of the structure and function of cellular organelles and components, with emphasis on the flow of information through the cell, the metabolism that supports cellular functions, and differences among different specialized cells.

BIOL-L 313 Cell Biology Laboratory (3 cr.) P: BIOL-L 312 with C or better. C: BIOL-L 312. Theory and techniques of experimental cell physiology. Current techniques will be stressed.

BIOL-L 317 Developmental Biology (3 cr.) P: BIOL-L 101, BIOL-L 102 with C or better. C: BIOL-Z 318. Analysis of developmental processes that lead to the construction of whole organisms from single cells. Includes the principles of embryology and analysis of mutations affecting development. Credit given for only one: BIOL-L 317 or BIOL-Z 317.

BIOL-L 318 Evolution (5 cr.) P: BIOL-L 211, BIOL-L 311 with grade of C or better. Provides an explanation of the theory of evolution--the conceptual core of biology. Topics include origins and history of life; the interplay of heredity and environment in shaping adaptations; molecular, behavioral, and social evolution; patterns of speciation, extinction, and their consequences; methods for inferring evolutionary relationships among organisms.

BIOL-L 319 Genetics Laboratory (3 cr.) P: BIOL-L 211 with C or better. C: BIOL-L 311. Experimentation demonstrating fundamental genetics mechanisms.

BIOL-L 321 HUMAN IMMUNOLOGY (3 cr.) Introductory course exploring the basic components and function of the immune system, stressing mechanisms that protect humans against pathogens and also how its dysfunction can lead to autoimmune disease, allergy, and cancer.

BIOL-L 323 Molecular Biology Laboratory (3 cr.) P: BIOL-L 211. Manipulation and analysis of genes and genomes. Gene cloning and library screening. Gene amplification and disease diagnosis. Gene mapping and southern blot analysis of complex genome structure.

BIOL-L 341 Natural History of Coral Reefs (3 cr.) P: 100-level biology course. Introduction to principles of biology, ecology, and geology as applied to coral reef ecosystems.

BIOL-L 343 Applied Conservation Biology (5 cr.) P: BIOL-L 211 with C or better. A course focusing on biodiversity loss and recovery. Lectures introduce concepts such as extinction, climate change, population declines, landscape changes, invasive species, management, and socio-politics of conservation. The applied component is demonstrated by seminars and research experiments that explore current conservation concepts.

BIOL-L 346 Survey of Molecular Developmental Biology (5-6 cr.) P: BIOL-L 101, BIOL-L 102 with a C or better. Throughout this course, the emphasis returns again and again to the modern molecular understanding of development and how this underlies development in all groups of living organisms. While classical aspects of development which can be observed with the naked eye and the dissecting microscope will, of course, be covered, providing students with a clear molecular prospective across all three Domains of life comes first. This understanding includes concepts like that of the developmental toolkit which so clearly demonstrates the universality of the molecular mechanisms which direct molecular biology in all organisms. The developmental biology lectures acquaint students with the development of various types of organisms from protists through the most advanced plants and animals. The class examines the diversity of developmental programs from perspectives including gross anatomy and molecular controls, with an introduction to the scientific literature of Developmental Biology. The laboratory complements

the lecture by providing the student with concrete examples of the principles presented in those lectures, including longitudinal study of the development of several organisms.

BIOL-L 369 HEREDITY EVOLUTION & SOCIETY (3 cr.)

BIOL-L 371 Animal Nutrition (3 cr.) The course "Animal Nutrition" will cover basic facts about animal nutrition. The course material will include classification and function of nutrients, symptoms of nutrient deficiency, digestive processes, anatomy and physiology of various animal digestive systems and characterization of various global and local feed stuffs and formulation of diets for domestic animals. The principles will apply to all mammalian and bird species, with an emphasis on cattle and various domestic animals. Animal feeds and their use throughout the world will be discussed with an emphasis on feeds most commonly used in this country.

BIOL-L 376 Biology of Birds (4 cr.) P: ENG-W 130 or ENG-W 131, and MATH-M 110 or higher with grades of C or better, OR minimum of 12 credits. Avian systematics, distribution, evolution, ecology, and behavior. Emphasis on identification, communication, and reproductive behavior. Field trips will concentrate on interpretation of behavior and research methods.

BIOL-L 391 Special Topics in Biology (1-3 cr.) Study and analysis of selected biological issues and problems. Topics vary from semester to semester. Repeatable up to 99 units.

BIOL-L 403 Biology Seminar (1 cr.) P: Senior standing and 30 credits of upper level biology courses. Individual presentation of topics of current importance. May be repeated for credit.

BIOL-L 465 Advanced Field Biology (3 cr.) C: Recommended: BIOL-L 473 or equivalent and consent of instructor. Lectures and two to three weeks of fieldwork on various problems of ecosystem structure. May be repeated once for credit.

BIOL-L 473 Ecology (3 cr.) P: BIOL-L 211 with C or better. C: BIOL-L 474. Distribution and abundance of animals and plants; interactions of organism and environment at levels of individual, population, and community from functional point of view.

BIOL-L 474 Laboratory in Ecology (2 cr.) P: BIOL-L 473 with C or better. C: BIOL-L 473. Introduction to research in ecology. Field and laboratory techniques in study of distribution and abundance of organisms.

BIOL-L 476 REGIONAL ECOLOGY (3 cr.) Selective trips to specific ecological areas to study both the flora and fauna of a biome.

BIOL-L 490 Individual Study (1-12 cr.) P: Written consent of biology faculty member.

BIOL-L 499 Internship in Biology Instruction (3 cr.) P: Consent of Instructor. An internship for biology majors desiring college teaching experience. Students will be provided training in lecture-laboratory presentations. Each student will present lectures and laboratories that will be videotaped for subsequent analysis and follow-up suggestions for improvement.

BIOL-L 501 Independent Study Rotations (1-6 cr.)

L501 is used for Biology students who are conducting Independent Study during lab rotations in the GCDB or EEB Graduate Programs. Each credit should correspond to 3-4 hours of formal coursework. Repeatable up to 24 units.

BIOL-L 563 Topic in Life Science (1-6 cr.) A graduate level life sciences topic course. Specific topics vary from semester to semester. Repeatable up to 12 units.

BIOL-L 564 Topic Life Science Techniques Variable

Topic Title (1-4 cr.) A graduate level life science laboratory or field techniques course. Specific topics vary from semester to semester. Repeatable up to 8 units.

BIOL-L 579 Community Ecology (3 cr.) Survey of ecological and evolutionary topics between population and ecosystem levels. Review of scientific truth, levels of selection and speciation. Major emphasis on interactions among populations (consumer-producer, competition, symbiosis, etc.) and community analysis (island biogeography, niche, diversity, and community structure).

BIOL-M 215 MICROORGANISM LABORATORY (3 cr.)

Introduction to basic techniques and procedures of microbiology laboratories. Emphasis on aspects deemed useful to nursing students. Growth and transfer of live microorganisms, aseptic techniques, and the staining and identification of bacteria. Audiotutorial format.

BIOL-M 485 MICR MOL GENETICS LAB (3 cr.)

Provides insight into how science is conducted in a modern research lab. Conduct hypothesis driven molecular and genetic experiments using an attenuated medically relevant bacterial pathogen. Techniques / skills: DNA isolation, PCR, recombinant DNA techniques, gel electrophoresis, transposon mutagenesis, transformation, and quantitative bacterial culture.

BIOL-N 251 INTRODUCTION TO MICROBIOLOGY

(3 cr.) The isolation, growth, structure, functioning, heredity, identification, classification, and ecology of microorganisms, their role in nature and significance to humans.

BIOL-T 575 Molecular Biology (3 cr.) This course will cover the following: the structure and function of DNA and RNA; the structure, function and regulation of proteins; DNA replication, mechanisms of mutation, repair, recombination, and transposition; mechanisms and regulation of gene expression; the genetic code, transcription, and translation; bacteriophages, plasmids, and the technology of recombinant DNA.

BIOL-Z 317 DEVELOPMENTAL BIOLOGY (3 cr.)

BIOL-Z 318 Developmental Biology Lab (2 cr.) P: BIOL-L 101 and BIOL-L 102 with a C or better. C: BIOL-L 317 A laboratory course about developing organisms, with special emphasis on embryology and organogenesis.

BIOL-Z 373 ENTOMOLOGY (3 cr.) Biology of insects with emphasis on evolution, distribution, behavior and structure.

Chemistry (CHEM)

CHEM-C 100 The World as Chemistry (3 cr.) The World as Chemistry is a general education course for non-

science majors. It is designed to explore chemistry in the context of the real social, political, and environmental world around us. No previous chemistry experience is required.

CHEM-C 101 Elementary Chemistry I (3 cr.) One year of high school algebra or equivalent is recommended. Introduction to chemistry. Usually taken concurrently with CHEM-C 121. Lectures and discussion. The two sequences, CHEM-C 101/121 and CHEM-C 102/122, usually satisfy programs that require only two semesters of chemistry. Admission to advanced courses on the basis of CHEM-C 101-C 121 and CHEM-C 102-C 122 is granted only in exceptional cases. May be taken by students who have deficiencies in chemistry background in preparation for CHEM-C 105 without credit toward graduation. Credit given for only one of the following chemistry courses: CHEM-C 101, CHEM-C 104, CHEM-C 105.

CHEM-C 102 Elementary Chemistry II (3 cr.)

Continuation of CHEM-C 101. Usually taken concurrently with CHEM-C 122. The chemistry of organic compounds and their reactions, followed by an extensive introduction to biochemistry. Lectures and discussion. Credit not given for both CHEM-C 102 and CHEM-C 341.

CHEM-C 104 Physical Sciences and Society (3

-5 cr.) One year of high school algebra or equivalent is recommended. An integrated survey of modern applications and relationships of physical sciences to society developed from the basic concepts of motion, structure of matter, energy, reactions and the environment, and leading to considerations of specific problem areas such as pollution, drugs, energy alternatives, consumer products, and transportation. May be taken by students deficient in chemistry background without credit toward graduation in preparation for CHEM-C 105. Credit not given for both CHEM-C 104 and CHEM-C 101 or CHEM-C 105. The 5 credit hour version of this course includes laboratory work.

CHEM-C 105 Principles of Chemistry I (3 cr.)

Two years of high school algebra or equivalent is recommended. Should be taken concurrently with CHEM-C 125. Basic principles, including stoichiometry, equilibrium, atomic and molecular structures. Lectures and discussion. Credit given for only one of these chemistry courses: CHEM-C 101, CHEM-C 104, CHEM-C 105.

CHEM-C 106 Principles of Chemistry II (3 cr.)

P: CHEM-C 105 with a C or better. Should be taken concurrently with CHEM-C 126. Chemical equilibria, structures, and properties of inorganic compounds. Lectures and discussion.

CHEM-C 120 Chemistry Laboratory (2 cr.)

P: CHEM-C 100. C: CHEM-C 100. Illustration of chemical principles with applications to biology, the environment, and health. Repeatable up to 4 units.

CHEM-C 121 Elementary Chemistry Laboratory I (2 cr.)

P: CHEM-C 101. C: CHEM-C 101. An introduction to the techniques and reasoning of experimental chemistry. Credit not given for both CHEM-C 121 and CHEM-C 125.

CHEM-C 122 Elementary Chemistry Laboratory II

(2 cr.) P: CHEM-C 102. C: CHEM-C 102. Continuation of CHEM-C 121. Emphasis on organic and biochemical

experimental techniques. Credit not given for both CHEM-C 122 and CHEM-C 343.

CHEM-C 125 Experimental Chemistry I (2 cr.)

P: CHEM-C 105. C: CHEM-C 105. An introduction to laboratory experimentation, with particular emphasis on the molecular interpretation of the results. Credit not given for both CHEM-C 121 and CHEM-C 125.

CHEM-C 126 Experimental Chemistry II (2 cr.)

P: CHEM-C 125, CHEM-C 106 with a C or better.
C: CHEM-C 106. A continuation of CHEM-C 125, with emphasis on synthesis and analysis of compounds.

CHEM-C 301 Chemistry Seminar 1 (1 cr.) Permission of instructor. Independent study and reading, with emphasis on basic chemistry and interdisciplinary applications. Research reports and discussions by students and faculty.

CHEM-C 302 Chemistry Seminar 2 (1 cr.) Permission of instructor. Independent study and reading, with emphasis on basic chemistry and interdisciplinary applications. Research reports and discussions by students and faculty.

CHEM-C 303 Environmental Chemistry (3 cr.)

P: CHEM-C 341 with a C or better. Selected topics in environmental chemistry such as atmospheric pollution, ozone hole, photochemical smog, acid rain, greenhouse effect, ground water pollution, water treatment, fate of toxic organic substances, metals in the environment, and treatment of hazardous wastes.

CHEM-C 305 Environmental Chemistry Seminar I

(1 cr.) P: 25 credit hours of chemistry including CHEM-C 303 and CHEM-C 333 with a GPA of at least 2.5.
C: CHEM-C 333. Independent study and reading, with emphasis on basic chemistry and environmental chemistry applications. Research report and discussion by students and faculty. The chosen topic must relate to the environment.

CHEM-C 310 ANALYTICAL CHEMISTRY (3 cr.)

Lectures dealing with fundamental analytical processes including solution equilibria, theory and applications of electrochemistry and spectrophotometry.

CHEM-C 315 Chemical Measurements and Laboratory

(3 cr.) P: CHEM-C 317, CHEM-C 318 with a C or better.
C: CHEM-C 318. Experimental techniques in chemical analysis and instrumentation.

CHEM-C 317 Equilibria and Electrochemistry (3 cr.)

P: CHEM-C 106 with a C or better. MATH-M 215 recommended. Treatment of analytical data; chemical equilibrium; aqueous and nonaqueous acid-base titrimetry; complex formation titrations; gravimetric analysis, redox titrations, electrochemical theory; potentiometry; voltammetry; coulometry.

CHEM-C 318 Spectrochemistry and Separations (3 cr.)

P: CHEM-C 317 with a C or better. Ultraviolet, visible, infrared, and luminescence spectrophotometry; flame and electrical discharge techniques. Phase equilibria and extractions; countercurrent distribution; gas, thin-layer, liquid, and high-performance liquid chromatography.

CHEM-C 333 Experimental Environmental Chemistry

(2 cr.) C: CHEM-C 303. A laboratory course of selected experiments that are relevant in the analysis and characterization of pollutants in air, soil, and water samples. Techniques that emphasize sampling and

analytical procedure. Basic analytical principles and instrumentation. Field trips to water and wastewater treatment facilities.

CHEM-C 341 Organic Chemistry I Lectures (3 cr.)

P: CHEM-C 106 with a C or better. Chemistry of carbon compounds. Nomenclature; qualitative theory of valence; structure and reactions. Syntheses and reactions of major classes of monofunctional compounds. Credit given for only one of the courses CHEM-C 102, CHEM-C 341.

CHEM-C 342 Organic Chemistry II Lectures (3 cr.)

P: CHEM-C 341 with a C or better. Syntheses and reactions of polyfunctional compounds, natural and industrial products; physical and chemical methods of identification.

CHEM-C 343 Organic Chemistry I Laboratory (2 cr.)

P: CHEM-C 126, CHEM-C 341 with a grade of C or better.
C: CHEM-C 341. Laboratory instruction in the fundamental techniques of organic chemistry and the use of general synthetic methods. Credit not given for both CHEM-C 122 and CHEM-C 343.

CHEM-C 344 Organic Chemistry II Laboratory (2 cr.)

P: CHEM-C 343, CHEM-C 342 with a C or better.
C: CHEM-C 342. Preparation, isolation, and identification of organic compounds; emphasis on qualitative organic analysis.

CHEM-C 361 Physical Chemistry of Bulk Matter (3 cr.)

P: CHEM-C 106, MATH-M 216, PHYS-P 202 or PHYS-P 222 with grades of C or better.. Thermodynamics laws, free energy and chemical potentials, gases and dilute solutions, phase transitions, colligative properties, chemical equilibria, ionic solutions, chemical kinetics and transport processes, current topics.

CHEM-C 362 Physical Chemistry of Molecules (3 cr.)

P: CHEM-C 106, MATH-M 216, PHYS-P 202, or PHYS-P 222 with grades of C or better. Quantum states and spectroscopy of molecules, statistical thermodynamics, and elementary kinetic theory, current topics.

CHEM-C 364 Introduction to Basic Measurements

(3 cr.) P: CHEM-C 361 or CHEM-C 362. C: CHEM-C 361 or CHEM-C 362. Graduated laboratory practice relating elementary principles of measurement technologies to current research applications.

CHEM-C 390 Special Topics (1-5 cr.) P: Permission of instructor. Course content varies. Offered periodically.

CHEM-C 403 History of Chemistry I (1 cr.) P: Senior standing, consent of instructor. Development of significant chemical knowledge and concepts up to 1830. Lectures, student reports, discussion.

CHEM-C 409 Chemical Research (1-6 cr.) P: Permission of instructor. To be elected only after consultation with the course director and the undergraduate advisor. Cannot be substituted for any course required in chemistry major. A research thesis is required.

CHEM-C 430 Inorganic Chemistry (3 cr.) P: CHEM-C 341 with a grade of C or better. CHEM-C 342. Structure and bonding of inorganic compounds, survey of chemistry of nonmetal and metal elements, coordination compounds, organometallic compounds, mechanisms and reactions.

CHEM-C 443 Organic Spectroscopy (3 cr.) P: CHEM-C 342. Elucidation of molecular structures by use of IR, UV, NMR, mass spectroscopy, and other methods.

CHEM-C 444 Organic Spectroscopy Laboratory (2 cr.) P: CHEM-C 443 or consent of instructor. C: CHEM-C 443. Hands-on instrumentation experimental work concerning detailed structure elucidation of organic compounds using Ultraviolet-Visible (UV-Vis), Infrared (IR), Nuclear Magnetic Resonance (NMR), and Gas Chromatography-Mass Spectrometry (GC-MS).

CHEM-C 445 Advanced Organic Chemistry Laboratory (3-5 cr.) P: CHEM-C 443 or consent of instructor. C: CHEM-C 443. Experimental problems in organic analysis and synthesis.

CHEM-C 470 Polymer Chemistry (3 cr.) P: CHEM-C 342 with a C or better. Introduction to syntheses, structures, properties, and uses of polymeric substances.

CHEM-C 484 Biomolecules and Catabolism (3 cr.) P: CHEM-C 342 and BIOL-L 101, BIOL-L 102, or BIOL-L 100 with a C or better. The study of Biological structures and interactions; reactions, kinetics, and mechanisms; equilibrium and thermodynamics.

CHEM-C 485 Biosynthesis and Physiology (3 cr.) P: CHEM-C 484 with a C or better. Biosynthetic pathways, expression of genetic information, molecular physiology.

CHEM-C 486 Biochemistry Laboratory (3 cr.) P: CHEM-C 484. C: CHEM-C 484. Laboratory experience in biochemistry, including biomolecule isolation, purification, enzyme kinetics, and biomolecule characterization electrophoresis, centrifugation, spectroscopic methods, and chromatography.

CHEM-C 490 Individual Study (1-6 cr.) P: Written permission of faculty member supervising the study. Must complete written report of each semester's work.

CHEM-F 410 BEER CHEMISTRY (3 cr.) Many people enjoy drinking beer. Beer has been a staple in human history for thousands of years. Though the knowledge of molecules that make the chemistry may not have been known until recent times, knowledge and consumption of beer has been welcomed, praised, and worshiped for more than 7000 years. What is the chemistry of beer? We will examine the components (or elements) of beer and discuss the chemistry behind them and what makes beer so delicious. The first element, water provides the solvent. Grains (or malts) provide carbohydrates. Hops, a modern addition, provide flavor and antibacterial properties. And the fourth element, Yeast, is the organism that makes it all possible with its ability to ferment the sugars to ethanol. All four combined together make what many of us enjoy, Beer.

CHEM-T 510 INORGANIC CHEMISTRY (3 cr.) This course introduces fundamental concepts of inorganic chemistry including descriptive chemistry, bonding in coordination chemistry, organometallic chemistry, special topics in inorganic chemistry and biological inorganic chemistry.

CHEM-T 540 Physical Chemistry (3 cr.) This course will touch on all the fundamental areas of Physical Chemistry. Emphasis is placed on content that expands the students'

knowledge in the key areas and relates to concepts that are likely to be taught in introductory chemistry courses.

CHEM-Y 398 Internship - Professional Practice in Chemistry (1-5 cr.) P: Junior or Senior standing in a bachelor degree (or second semester sophomore status in associate degree) and consent of faculty sponsor. Registration is required and authorization obtained from the Career Development Center. Designed to provide opportunity for students to receive credit for career-related work. Evaluation by employer and faculty sponsor. S/F Grading.

Computer Science (CSCI)

CSCI-A 121 Cyberspace Influences on Privacy, Security and Society (3 cr.) P: CSCI-C 106 or EDUC-W 200 with a C or better. Examines the impacts of computerization in the United States. From family life, private organizations, and public organizations to government at all levels, computerization is affecting and creating the complex interdependencies between technology and social groups. We will survey recent changes to many topics, including intellectual property rights, e-government, online security, online privacy, digital currency, online gambling, universal access, online education, medical devices, and media convergence.

CSCI-A 201 Introduction to Programming (3 cr.) MATH-M 101 or high school equivalent is recommended. Fundamental programming constructs, including loops, arrays, classes, and files. General problem-solving techniques. Emphasis on modular programming, user-interface design, and developing good programming style. Not intended for computer science majors or minors.

CSCI-A 202 Computer Programming (3 cr.) P: CSCI-A201 or CSCI-C 201 with a C or better. Computer programming, algorithms, program structure, arrays, stacks-procedures, functions, modularization parameter-passing-mechanisms, recursion vs. iteration, and issues of programming style. Computer solutions of problems in diverse fields.

CSCI-A 211 Word Processing Applications (3 cr.) P: CSCI-C 106 or EDUC-W 200 with a C or better. This course introduces the student to word processing techniques used in creating letters, forms, and reports. The student will use styles, outlines, tables, and field codes in documents and templates. Advanced topics include merging documents, customizing the Word environment, and integrating the features of Word with other software applications.

CSCI-A 212 Spreadsheet Applications (3 cr.) P: CSCI-C 106 or EDUC-W 200 with a C or better. This course introduces the student to spreadsheet techniques used in creating professional-looking worksheets. Students will use formulas, functions, charts, graphs, and logical functions. Advanced topics include advanced filtering, importing data, creating pivot tables, database functions, and integrating Excel with other software applications.

CSCI-A 213 Database Applications (3 cr.) P: CSCI-C 106 or EDUC-W 200 with a C or better. This course introduces the student to database techniques. The student will develop tables, custom forms, reports, and queries. Advanced topics include developing ASP pages for the World Wide Web, developing and understanding

relationship database design, macros, managing, securing a database, and integrating Access with the Web and other programs.

CSCI-A 221 Multimedia Programming (1.5 cr.) P: CSCI-C 106 or EDUC-W 200 with a C or better. This course introduces the student to creating dynamic Web pages. Emphasis is placed on problem-solving techniques using a Web-based programming language. Lecture and laboratory.

CSCI-A 247 Network Technologies and Administration (3 cr.) P: CSCI-C 106 or EDUC-W 200 with a C or better. Introduction to network principles and current network technology, both hardware and software. Network administration tools and techniques. Laboratory provides practical experience.

CSCI-A 290 TOOLS FOR COMPUTING (3 cr.) Exploration of topics in computing. Common topics include tools for power users.

CSCI-A 346 USER-INTERFACE PROGRAMMING (3 cr.) Learn to prototype and build graphical user interfaces for computer applications. Contemporary software design methodology. Students design and implement prototype interfaces to applications provided by the instructor. Extensive use will be made of both commercial and experimental software tools.

CSCI-A 348 Mastering The World Wide Web (3-4 cr.) P: Two semesters of programming experience, or equivalent, and some knowledge of operating systems. Project-oriented course leading to ability to maintain a fully functional web site. Topics include internet network protocols and web programming, server administration, protocols, site design, and searching and indexing technologies.

CSCI-B 438 Fundamentals of Computer Networks (3 cr.) P: CSCI-C 202 or INFO-I 211 with a C or better. Theory and practice of data communications between computing devices. Topics include network architecture and topology, wide-area networks, local-area networks, and ISO network layers.

CSCI-B 461 Database Concepts (4 cr.) P: CSCI-C 251 or INFO-I 201, CSCI-C 335 and CSCI-C 343 with grades of C or better. Introduction to database concepts and systems. Topics include database models and systems: hierarchical, network, relational, and object-oriented; database design principles; structures for efficient data access; query languages and processing; database applications development; views; security; concurrency; recovery. Students participate in a project to design, implement, and a query a database, using a standard database system.

CSCI-B 481 Interactive Graphics (3 cr.) P: CSCI-C 343, MATH-M 303. Computer graphics techniques. Introduction to graphics hardware and software. Two-dimensional graphics methods, transformations, and interactive methods. Three-dimensional graphics, transformations, viewing geometry, object modeling, and interactive manipulation methods. Basic lighting and shading. Video and animation methods. Credit given for only one of CSCI-B 481 and CSCI-B 581.

CSCI-B 490 SEMINAR IN COMPUTER SCIENCE (3 cr.) Special topics in computer science.

CSCI-B 503 ALGORITHMS DESIGN AND ANALYSIS (3 cr.) Models, algorithms, recurrences, summations, growth rates. Probabilistic tools, upper and lower bounds; worst-case and average-case analysis, amortized analysis, dynamization. Comparison-based algorithms: search, selection, sorting, hashing. Information extraction algorithms (graphs, databases). Graphs algorithms: spanning trees, shortest paths, connectivity, depth-first search, breadth-first search.

CSCI-B 545 Enterprise Hardware Infrastructure (3 cr.) P: CSCI-C 335 and CSCI-B 438 with grades of C or better, or instructor consent. This course explores the management of technology resources across the infrastructure with a focus on hardware. Topics include network architecture and its management, the relationship of network hardware to operating systems and network protocols, and infrastructure communication.

CSCI-B 549 ENTERPRISE SFTWRE ARCHITECTURE (3 cr.) This course explores the analysis, design, implementation, evaluation, and management of enterprise IT solutions. Emphasis will be placed on planning and modeling characteristics of the enterprise. Topics include functional modeling, physical architecture design, security planning and recovery issues, project management, emerging technologies, and ethical, financial and global considerations.

CSCI-B 561 ADVANCED DATABASE CONCEPTS (3 cr.) Database models and systems: especially relational and object-oriented; relational database design theory; structures for efficient data access; query languages and processing; database applications development; views. Transaction management: concurrency and recovery.

CSCI-C 100 Computing Tools (1 cr.) An introduction to computing applications useful in college and career work. Topics include microcomputer operating systems; word processing; spreadsheet, database, and communications software; and other software applications.

CSCI-C 105 Introduction to C/C++ Programming (3 cr.) This course is an introduction to computer programming using C/C++. The emphasis is on structured programming principles, and understanding the basic concepts that apply to scientific and engineering problems. Among topics covered in this course are: problem solving using top down design, using flowcharts to explain the program logic, selection structure, repetition structure, bitwise operations, arrays, pointers, strings, passing arguments, and sequential files.

CSCI-C 106 Introduction to Computers and Their Use (3 cr.) An introduction to computers and their use in information systems: use of standard application programs; foundations of information systems design and development; survey of programming languages. Satisfies the basic computer literacy requirement.

CSCI-C 201 Computer Programming II (4 cr.) Two years of high school mathematics and some programming experience is recommended. Computer programming and algorithms. Basic programming and program structure. Computer solutions of problems. A computer language will be taught. Lecture and discussion.

CSCI-C 202 Computer Programming (4 cr.) P: CSCI-C 201 or INFO-I 210 with a C or better. Computer programming, algorithms, program structure, arrays, stacks, queues, binary trees; procedures, functions, parameter-passing mechanisms, recursion vs. iteration, and issues of programming style. Computer solutions of problems such as data analysis, sorting, searching, and string and text manipulation.

CSCI-C 203 Cobol and File Processing (3-4 cr.) P: CSCI-C 201. Computer programming and algorithms. Application to large file processing functions of an organization.

CSCI-C 237 Operating Systems and Job Processing (3-4 cr.) P: CSCI-C 202, CSCI-C 335. A functional level approach to the study of operating systems. The major components of at least two operating systems are studied. Various jobs are run under these operating systems.

CSCI-C 251 Foundations of Digital Computing (4 cr.) P: CSCI-C 201 or INFO-I 210 and MATH-M 118 or higher with grades of C or better. MATH-M 119 is recommended. Boolean algebra and propositional logic. Set algebra, including mappings and relations. Elements of graph theory and statistical analysis. Application of all topics to computer programming.

CSCI-C 311 Programming Languages (4 cr.) P: CSCI-C 202 or INFO-I 211 and CSCI-C 335 with grades of C or better. Systematic approach to programming languages. Relationships among languages, properties and features of languages, and the computer environment necessary to use languages. Lecture and laboratory.

CSCI-C 335 Computer Structures (4 cr.) P: CSCI-C 201 or INFO-I 210 with a C or better. CSCI-C 202 or INFO-I 211 is recommended. Structure and internal operation of computers, stressing the architecture and assembly language programming of a specific computer. Additional topics include digital hardware and microprogramming. Lecture and laboratory.

CSCI-C 343 Data Structures (4 cr.) P: CSCI-C 202 or INFO-I 210 and CSCI-C 251 or INFO-I 201 with grades of C or better. Systematic study of data structures encountered in computing problems, structure and use of storage media, methods of representing structure data, techniques for operation on data structures. Lecture and laboratory.

CSCI-C 346 Software Engineering (4 cr.) P: CSCI-C 343 with a C or better. The theory and practice of software engineering applied to the design and implementation of software systems. Course topics include practical issues of software requirement analysis and specification, design, modeling, tools, project management, construction, testing, deployment, and operation and maintenance, as well as computing ethics and professional practice.

CSCI-C 390 Individual Programming Laboratory (1-3 cr.) P: Department consent. Before enrolling, a student must arrange for an instructor to supervise the activity. Student will design, program, verify, and document a special project assignment selected in consultation with the instructor. May be repeated up to a maximum of 6 credits.

CSCI-C 421 Digital Design (3-4 cr.) P: CSCI-C 251, CSCI-C 335. Organization and logic design of digital

systems. Course presents a structured design philosophy, emphasizing hardware building blocks, circuit synthesis, microprogramming. In the laboratory students build, study, and debug a working minicomputer from elementary hardware components. Lecture and laboratory.

CSCI-C 431 Assemblers and Compilers I (4 cr.)

P: CSCI-C 311, CSCI-C 335, and CSCI-C 343 with grades of C or better. Design and construction of assemblers, macroprocessors, linkers, loaders, and interpreters. Compiler design and construction, including lexical analysis, parsing, code generation, and optimization.

CSCI-C 445 Information Systems I (3-4 cr.) P: CSCI-C 343. Analysis, design and implementation of information systems from user needs to a running system. Hardware organization and its impact on storage structures. Structures and techniques for accessing and updating information: primary and secondary indices, sequential and multilinked files. Computer modeling of information using hierarchical, network and relational techniques and operations with these models. Current database system and query languages.

CSCI-C 455 Analysis of Algorithms (4 cr.) P: MATH-M 216 or MATH-M 120 and CSCI-C 343 with grades of C or better. Models, algorithms, recurrences, summations, growth rates. Probabilistic tools, upper and lower bounds; worst-case and average case analysis, amortized analysis, dynamization. Comparison-based algorithms: search, selection, sorting, hashing. Information extraction algorithms (graphs, databases). Graph algorithms: spanning trees, shortest paths, connectivity, depth-first search, breadth-first search.

CSCI-C 458 Intelligent Robots (4 cr.) P: CSCI-C 343 with C or better or consent of instructor. This course presents a broad overview of robotics in practice and research with topics including: robot control, perception, localization, planning, mapping, navigation, learning, and swarm approaches. The course focuses on a hands-on approach to introducing the concepts in robotics, using autonomous mobile robots.

CSCI-C 463 Artificial Intelligence I (4 cr.) P: CSCI-C 311 and CSCI-C 343 with grades of C or better. Historical roots, philosophical thesis, and goals of artificial intelligence research. Basic problem-solving methods. Heuristics and heuristic search. Game-playing programs. Reasoning and knowledge representation. Predicate calculus, semantic networks, frames, and other representation systems. Introduction to production systems. Goal-directed systems.

CSCI-C 490 Seminar in Computer Science (1-3 cr.)

P: Consent of instructor. Special topics in computer science. May be repeated for a maximum of 6 credit hours.

CSCI-N 211 Introduction to Databases (3 cr.) P: CSCI-C 106 or EDUC-W 200 with a C or better. Summary of basic computing topics. Introduction to database design concepts, creation of user forms, development of databases, querying techniques, and building reports. Focus on relational database systems from development and administration point of view. Lecture and laboratory.

CSCI-N 341 Introduction to Client-side Web Programming (3 cr.) P: CSCI-C 201 or INFO-I 210 with a

C or better. Introduction to programming focusing on the client sided programming environment. Essential algorithm design, client-side programming using languages commonly embedded in Web browsers. Lecture and laboratory.

CSCI-N 342 Server-side Programming for the Web (3 cr.) P: CSCI-C 201 or INFO-I 210 with a C or better.

Designing and building applications on a Web server. Focuses on issues of programming applied to Web servers. Emphasis on relational databases concepts, data design, languages used on the server, transaction handling, and integration of data into Web applications.

CSCI-P 422 Web Enterprise Systems (4 cr.) In this class, you will learn to use various software packages that support web programming systems. Topics include appropriate programming language essentials, database design and development, application configuration, web controls, user authentications, form validations, master pages, email notifications, payment handling, transaction security, etc. Students will develop an advanced web/database application with respect to current industry standards of web/database applications.

CSCI-P 434 Distributed Systems (4 cr.) P: CSCI-C 343 and CSCI-C 237. Principles of distributed systems including system design, distributed algorithms, consistency and concurrency, and reliability and availability. The role of these foundational issues in distributed file systems, distributed computing, and data-driven systems.

CSCI-P 436 Introduction to Operating Systems (4 cr.) P: CSCI-C 343 & CSCI-C335 with a C or better. C: CSCI-C311. Organization and construction of computer systems that manage computational resources. Topics include specification and implementation of concurrency, process scheduling, storage management, device handlers, and mechanisms for event coordination. Lecture and laboratory.

CSCI-P 445 Capstone Project I Design (2-4 cr.) P: CSCI-C 346 and ENG-W 234 or ENG-W 290 with grades of C or better. Student teams, under supervision of university faculty or an external sponsor, choose a design project, investigate alternate solutions and submit a preliminary project design. Periodic oral and written project progress reports are required. Course topics include practical issues of software design, development, quality assurance, and deployment, as well as computing ethics and professional practice. This course should be completed in the student's final Fall semester. CSCI-P445 and P446 must be completed as a Fall/Spring Sequence. If a student fails to complete CSCI-P446 the semester immediately following the completion of CSCI-P445, the student must repeat CSCI-P445 in a future semester in order to complete the sequence.

CSCI-P 446 Capstone Project II Implementation (2-4 cr.) P: CSCI-P 445 with a C or better in the semester immediately preceding enrollment in P446. Student teams, under the supervision of university faculty or an external sponsor, complete the design and implement the project began in CSCI-P 445. Periodic oral and written project progress reports are required. The project will result in a software application, written report, and final presentation. Course topics include practical issues of software design development, quality assurance, and deployment, as

well as computing ethics and professional practice. This course should be completed in the student's final Spring semester. CSCI-P445 and P446 must be completed as a Fall/Spring Sequence. If a student fails to complete CSCI-P446 the semester immediately following the completion of CSCI-P445, the student must repeat CSCI-P445 in a future semester in order to complete the sequence.

Geography (GEOG)

GEOG-G 107 Physical Systems of the Environment (3 cr.) An examination of the physical environment as the home of human beings, with emphasis on the distribution and interaction of environmental variables and energy flow through the system.

GEOG-G 108 Physical Systems of the Environment - Lab (2 cr.) Concurrent or previous enrollment in GEOG-G 107 recommended. Laboratory study of the physical environment.

GEOG-G 110 Introduction to Human Geography (3 cr.) An exploration of social and cultural phenomena as these are expressed and distributed across the earth's surface. Topics include population, migration, language, religion, customs, political divisions, agriculture, industry, and urbanization.

GEOG-G 201 World Regional Geography (3 cr.) Geographical analysis of regions occupied by European cultures and of indigenous spatial developments in non-Western areas.

GEOG-G 213 Introduction of Economic Geography (3 cr.) Principles of economic geography, including theories concerning industrial location, competition for land, economic nature of resources, and geographic background of interregional trade.

GEOG-G 304 Meteorology and Physical Climatology (3 cr.) P: GEOG-G 107 with a C or better. Study of weather elements, processes, and patterns. Weather observation, analysis, and forecasting. Systematic and regional study of world climates. Relationship of climate to human activity.

GEOG-G 307 Biogeography (3 cr.) P: GEOG-G 107 with a C or better. An analysis of the spatial distribution of natural biota with regard to physical and ecological processes.

GEOG-G 308 Natural/Human-Induced Disasters (3 cr.) P: Minimum of 6 credit hours in one or a combination of physical and biological sciences. Study and analysis of the causes, nature, and geographical occurrence of natural and human-induced disasters. Examines the workings and consequences of disasters and hazards facing humankind.

GEOG-G 315 Environmental Conservation (3 cr.) P: GEOG-G 107 with a C or better. The study of the conservation of natural resources, including soil, water, air, wildlife, and forests, as interrelated components of the natural and human environments, emphasizing a unified ecological approach. Current problems relating to pollution and environmental quality.

GEOG-G 321 Geography of Europe (3 cr.) Geographical analysis of the physical features of the European environment and the spatial patterns and interrelationships

of the cultural, economic, and political landscapes. Emphasis placed on the impress of man on the environment through long-term occupancy.

GEOG-G 323 Geography of Latin America (3 cr.)

Geographical analysis of the terrain, resources, climate, culture, and historical and economic development of the nations south of the Rio Grande.

GEOG-G 326 Geography of North America (3 cr.)

Continental and regional variations in terrain and climate and the economic and social life of the United States and Canada, with emphasis on geographical principles, sources of data, and techniques of investigation.

GEOG-G 333 Introductory Cartography (3 cr.) Use, interpretation, and sources of topographic maps, thematic maps, vertical aerial photographs, and related materials. Includes projections and grids, relief symbolization, map classification, mapping agencies, and the history of maps and mapping.

GEOG-G 338 Geographic Information Science

(3 cr.) Overview of the principles and practices of Geographic Information Systems (GIS). The course will deal with issues of spatial data models, database design, introductory and intermediate GIS operations, and case studies of real-world GIS applications. Laboratory exercises will provide significant hands-on experience.

GEOG-G 345 Field Study in Geography (1-3 cr.) Faculty supervised fieldwork in selected areas of geography. Repeatable up to 6 units.

GEOG-G 369 The Geography of Food (3 cr.) Promotes understanding of the history and geographic distribution of the world's food cultures. Focuses on the material aspects of food and food's relationship to society. Increases knowledge of food and cultures through reading, discussion and cooking.

GEOG-G 404 Soils Geography (3 cr.) P: GEOG-G 107 or GEOL-G 100 with a C or better. Soil genesis, morphology, and classification; soil's physical, chemical, mechanical and biological properties. Soil maps and related data in land use analysis and the planning process.

GEOG-G 418 Historical Geography (3 cr.) Migration and diffusion, rural and urban settlement, industrialization, and transport development as spatial processes shaping the landscapes and geopolitical relationships of past places and peoples.

GEOG-G 425 Africa: Contemporary Geographic Problems (3 cr.) Contemporary geographic problems confronting the countries of sub-Saharan Africa are examined. Topics include urbanization, rural-urban migration, unemployment, agriculture, healthcare, analysis of terrain, resources, and aspects of the natural environment.

GEOG-G 432 Current Issues in Environmental

Conservation (3 cr.) P: GEOG-G 315 with a C or better. Qualitative and quantitative analysis of topics of special importance in regard to environmental quality, including such topics as air and water quality, radiation, energy, and waste disposal.

GEOG-G 438 Advanced Geographic Information Systems (3 cr.) P: GEOG-G 338 with a C or better.

Basic concepts and principles underlying polygon and grid-based geographic information systems are explored. Computerized data capture, storage, retrieval, analysis, and display techniques, as applied to geographic information, are explored through the development of individual student projects.

GEOG-G 439 Seminar in Geographic Information Systems (3 cr.)

P: GEOG-G 438 with C or better and consent of instructor. Extension of GEOG-G 438 that develops advanced methods of spatial data analysis in the context of GIS. Emphasis on applications and individualized projects.

GEOG-G 450 Undergraduate Readings and Research in Geography (1-3 cr.)

P: Junior or senior standing and consent of instructor. Individualized readings and research in geography.

GEOG-G 460 Geography Internship (1-6 cr.)

P: Junior or Senior standing and departmental coordinator consent. Requires 40 hours of work per 1 hour of credit. Supervised field experience in geography, normally in conjunction with approved work at a government agency or private firm.

GEOG-G 490 Senior Seminar in Geography (3 cr.)

P: Junior or senior standing and consent of instructor. Open to majors only. Research in selected problems and study of geographic thought.

GEOG-G 500 Research Problems in Geography

(3-4 cr.) Examination of current research areas and research problems in geography. Introduction to research design and research methods. Repeatable up to 4 units.

GEOG-G 501 Research Problems in Geography II

(3 cr.) Further development of research formulation and design skills. Approaches to geographic research and the preparation of research problem statements and proposals that may lead to thesis or dissertation research.

Geology (GEOL)

GEOL-G 100 General Geology (5 cr.) Broad study of the earth. The earth in the solar system, earth's atmosphere. Formation and modification of earth materials, landforms, continents, and oceans throughout geologic time. Geological records in selected areas. Lectures, laboratory, field trips. Credit given for only one of the following geology courses: GEOG-G 100, GEOG-G 103, or GEOL-G 110.

GEOL-G 180 Dinosaurs (3 cr.) A survey of the characteristics and evolution of dinosaurs. Topics include the occurrence of dinosaur remains in the fossil record, basic anatomy, principles used in classification, types of predatory and plant-eating dinosaurs, environments occupied during life, behavior, extinction theories, dinosaurs in the media and the public eye. Credit not given for both GEOL-G 180 and GEOL-G 301.

GEOL-G 210 Oceanography (3 cr.) Study of the physical and biological features of the ocean environment.

GEOL-G 221 Introductory Mineralogy (4 cr.) P: GEOL-G 100 with a C or better. The study of minerals, including chemical composition, classification, crystallography, description, identification, occurrence, origin, and physical properties.

GEOL-G 222 Introduction to Petrology (4 cr.)

P: GEOL-G 221 with a C or better. The study of igneous, metamorphic, and sedimentary rocks: composition, occurrence, characteristics, classification, origin, description, and identification.

GEOL-G 300 Environmental and Urban Geology (3 cr.)

P: GEOL-G 100 with a C or better. Significance of regional and local geologic features and processes in land use. Use of geologic factors to reduce conflict in utilization of mineral and water resources and damage from geologic hazards. Credit not given for both GEOL-G 300 and GEOG-G 315.

GEOL-G 323 STRUCTURAL GEOLOGY (3 cr.)

Nature and origin of primary and secondary structural features of the Earth's crust, with emphasis on mechanics of deformation and origin, and three-dimensional problems illustrating structural concepts.

GEOL-G 334 Principles of Sedimentology and Stratigraphy (4 cr.)

P: GEOL-G 221 with a C or better. Interrelationship of sedimentation and stratigraphy; processes and factors influencing genesis of sedimentary strata; provenance, depositional environment, sedimentary facies, paleoecology; analytical techniques; application of principles of interpretation of stratigraphic record. Laboratory study of sediments and sedimentary rocks.

GEOL-G 341 Natural History of Coral Reefs (3 cr.)

P: Department consent required. Introduction to principles of biology, ecology, and geology as applied to coral reef ecosystems.

GEOL-G 400 Energy: Sources and Needs (3 cr.)

P: GEOG-G 107 with a C or better. Scientific and political constraints on the production and utilization of energy from various sources. Energy balance of the United States.

GEOL-G 409 Independent Study in Geology (1-3 cr.)

P: Department consent required. Supervised independent study of topics and techniques in geology that are not available in formal courses in the department.

GEOL-G 410 Undergraduate Research in Geology (1-3 cr.)

P: Junior/Senior standing and consent of instructor. Field and laboratory research in selected problems in geology. May be repeated.

GEOL-G 411 Invertebrate Paleontology (3 cr.)

Structure, classification, habitats, and geological history and significance of the invertebrate phyla. Laboratory study of fossils.

GEOL-G 415 Geomorphology (3 cr.)

P: GEOL-G 100 with a C or better. Origin, classification, description, and interpretation of landforms. Natural processes that form landscapes, surficial geologic materials, and soils. Credit not given for both GEOL-G 415 and GEOG-G 407.

GEOL-G 419 Sedimentary Geology of Dinosaur-Bearing Rocks (2 cr.)

P: Consent of instructor. Five-day, six-night field course in Colorado, Utah, and Wyoming. Focus is on presenting simple concepts of geology and paleontology utilized in reconstructing the ancient landscape, climate and environments of deposition of important dinosaur-bearing formations.

GEOL-G 420 Regional Geology Field Trip (1-3 cr.)

P: One course in geology and consent of instructor. Seminar and field investigation of selected regions for

study of mineralogic, lithologic, stratigraphic, structural, paleontologic, geomorphologic, or other geological relationships. May be repeated.

GEOL-G 424 Geographic Information Systems

Applications in Geology (3 cr.) Concepts and use of Geographic Information System (GIS) and Global Positioning System (GPS) technologies are introduced during intensive laboratory sessions. Field work, conducted in the Indiana University Research and Teaching Preserve, involves mapping of pertinent features using GPS units, followed by additional data collection aimed at attributing specific mapped features.

GEOL-G 427 Introduction to X-ray Mineralogy (3 cr.)

C: GEOL-G221. Instructor Permission. Theory and practice of X-ray powder diffraction and Energy Dispersive X-ray Analysis. Diffractometer and Dispersive X-ray methods and their application to the identification and the characterization of minerals.

GEOL-G 430 PRINCIPLES OF HYDROLOGY (3 cr.)**GEOL-G 451 Elements of Hydrogeology (3 cr.)**

P: GEOL-G 100 & GEOL-G 107 with a C or better. Physical and chemical properties of water, chemical equilibria and stable isotopes in groundwater; acid drainage, landfills, and agricultural pollution; Darcy's Law, fluid potential, unsaturated flow, fluid and aquifer properties affecting groundwater flow; fluid mass balance and its application; contaminant transport.

GEOL-G 460 Internship in Geology (3 cr.)

P: Junior/Senior standing & department coordinator consent. Industrial or similar experiences in geologically oriented employment. Projects jointly arranged, coordinated, and evaluated by faculty and industrial/governmental supervisors. Can be repeated with instructor's permission.

GEOL-G 435 Glacial and Quaternary Geology (3 cr.)

The Quaternary Period is examined with a focus upon the last glaciation with specific reference to Northwest Indiana. Topics include glacier processes, glacial sediments, glacial landforms and landform assemblages, specific glacial lake processes, sediments and drainage events, dating methods, soil mechanics and environmental applications. Field trips are mandatory.

Informatics (INFO)**INFO-I 101 Introduction to Informatics (4 cr.)**

Emphasis on topics in human-computer interaction and human factors, collaborative technologies, group problem solving, ethics, privacy, and ownership of information and information sources, information representation and the information life cycle, the transformation of data to information, futuristic thinking.

INFO-I 110 Basic Tools of Informatics I - Programming (1.5 cr.)

C: INFO-I 101. Introduction to programming for users of computers systems. Emphasis on problem-solving techniques. An eight-week lecture and laboratory course.

INFO-I 111 Basic Tools of Informatics II - Introduction to Databases (1.5 cr.)

C: INFO-I 101 and INFO-I 110. Introduction to database design concepts. Entering and modifying data, accessing data using visual tools and SQL, and building database applications using forms and application development tools. Emphasis on problem-

solving techniques. An eight-week lecture and laboratory course.

INFO-I 201 Mathematical Foundations of Informatics (4 cr.)

P: INFO-I 210 or CSCI-C 201 and MATH-M 118 or higher with C or better. An introduction to methods of analytical, abstract and critical thinking, deductive reasoning; and logical and mathematical tools used in information sciences. Topics include propositional and predicate logic, natural deduction proof system, sets, functions and relations, proof methods in mathematics, mathematical induction, and graph theory. Credit given for either INFO-I 201 or CSCI-C 251 (if taken at IU Southeast).

INFO-I 202 Social Informatics (3 cr.)

C: INFO-I 101. Introduction to key social research perspectives and literatures on the use of information and communication technologies. Discusses current topics such as information ethics, relevant frameworks, popular and controversial uses of technology (e.g., peer-to-peer file sharing), digital divides, etc. Outlines research methodologies for social informatics.

INFO-I 210 Information Infrastructure I (4 cr.)

P: INFO-I 101, INFO-I 110, and INFO-I 111, with grades of C or better. Two years of high school mathematics or equivalent is recommended. This course introduces software architectures of information systems and basic concepts and procedures of system and application development. Course topics include PHP programming syntax; procedural programming fundamentals; principles of developing dynamic, database-driven applications for the World Wide Web; relational database concepts; and basic MySQL statements. Credit given for only one of the following: INFO-I 210 or CSCI-C 201 (IU Southeast).

INFO-I 211 Information Infrastructure II (4 cr.)

P: INFO-I 210 or CSCI-C 201 with a C or better. The systems architecture of distributed applications. Advanced programming, including an introduction to the programming of graphical systems. Cross-listed with CSCI-C 202. Credit given for only one of the following: INFO-I 211, CSCI-C 202 (IU Southeast).

INFO-I 300 Human-Computer Interaction (3 cr.)

P: INFO-I 211 or CSCI-C 202 with a C or better. The analysis of human factors and the design of computer application interfaces. A survey of current HCI designs with an eye toward what future technologies will allow. The course will emphasize learning HCI based on implementation and testing interfaces.

INFO-I 303 Organizational Informatics (3 cr.)

P: INFO-I 101 with a C or better. Examines the various needs, uses, and consequences of information in organizational contexts. Topics include organizational types and characteristics, functional areas and business processes, information-based products and services, the use of and redefining the role of information technology, the changing character of work life and organizational practices, sociotechnical structures, and the rise and transformation of information-based industries.

INFO-I 308 Information Representation (3 cr.) P: INFO-I 201 or CSCI-C 251 and INFO-I 210 or CSCI-C 201 with grades of C or better. The basic structure of information representation in digital information systems. Begins with low-level computer representations such as common

character and numeric encodings. Introduces formal design and query languages through Entity Relationship Modeling, the Relational Model, XML, and XHTML. Laboratory topics include SQL and XPath querying.

INFO-I 320 Distributed Systems and Collaborative Computing (3 cr.)

P: INFO-I 211 or CSCI-C 202 with a C or better. An introductory treatment of distributed systems and programming. Topics range from the distributed and object models of computation to advanced concepts, such as remote method invocations, object brokers, object services, open systems, and future trends for distributed information systems.

INFO-I 330 Legal and Social Informatics of Security (3 cr.)

P: INFO-I 101 with a C or better. This course examines that set of ethical and legal problems most tightly bound to the issues of information control. The interaction and technology changes, but the core issues have remained: privacy, intellectual property, Internet law, concepts of jurisdiction, speech anonymity versus accountability, and ethical decision making in the network environment.

INFO-I 356 Globalization, Where We Fit IN (3 cr.)

Globalization changes how we work, what we buy, and who we know. Globalization involves people working eighty hour weeks in China and receiving free state-of-the-art drugs in Africa. Learn about the past, present, and future of globalization, and what it means for you, your job, and your community.

COAS-S 399 Internship in Informatics Professional Practice (1-3 cr.)

P: Approval of Informatics Coordinator and completion of 100- and 200-level requirements in informatics. Students gain professional work experience in an industry or research organization setting, using skills and knowledge acquired in informatics course work. May be repeated for a maximum of 3 credit hours.

INFO-Y 395 Career Development for Informatics Majors (1 cr.)

P: INFO-I 101, INFO-I 110, and INFO-I 111 with a C or better. Helps students develop skills and knowledge to successfully pursue a career search, both at the time of graduation and as they progress through their careers. The course covers techniques and strategies to make the job search more efficient and effective. An eight-week course.

INFO-I 421 Applications of Data Mining (3 cr.)

P: INFO-I 308 with a C or better. The course explores the use of data mining techniques in different settings, including business and scientific domains. The emphasis will be on using techniques instead of developing new techniques or algorithms. Students will select, prepare, visualize, analyze, and present data that leads to the discovery of novel and actionable information.

INFO-I 427 Search Informatics (3 cr.)

P: INFO-I 308 with a C or better. Techniques and tools to automatically crawl, parse, index, store and search Web information, organizing knowledge that can help meet the needs of organizations, communities and individual users. Social and business impact of search engine technology. As a project, students will build a real search engine and compare it with Google.

INFO-I 441 Interaction Design Practice (3 cr.) P: INFO-I 300 with a C or better. Human-computer interaction

design (HCID) describes the way a person or group accomplishes tasks with a computer: what the individual or group does and how the computer responds, and what the computer does and how the individual or group responds. This course is organized around a collection of readings and three design projects applying human-computer interaction principles to the design, selection, and evaluation of interactive systems.

INFO-I 491 Capstone Project Internship (3-6 cr.)

P: Coordinator Approval Required. Students put their informatics education to practice through the development of a substantial project while working in a professional information technology environment. May be repeated for a maximum of 6 credit hours.

INFO-I 494 Design and Development of an Information System (3 cr.)

P: Senior standing and department consent required. System design and development present both technical and managerial problems with which students will be familiar from their undergraduate course work. This course puts these lessons into practice as students work in teams to develop an information system. Examples of course projects include design and development of a database for a business or academic application, preparation and presentation of an interactive media performance or exhibit, or design and implementation of a simulated environment (virtual reality).

INFO-I 495 Design and Development of Information System (3 cr.)

P: INFO-I 494, senior standing and department consent required. System design and development present both technical and managerial problems with which students will be familiar from their undergraduate course work. This course puts these lessons into practice as students work in teams to develop an information system. Examples of course projects include design and development of a database for a business or academic application, preparation and presentation of an interactive media performance or exhibit, or design and implementation of a simulated environment (virtual reality).

INFO-I 499 Readings and Research in Informatics (1-3 cr.)

P: Pre-Approval of Informatics Department Coordinator and completion of 100- and 200-level Informatics requirements. Independent readings and research related to a topic of special interest to the student. Written report required. Can be repeated for a maximum of 6 credit hours.

INFO-C 100 Informatics Foundations (3 cr.) Introduction to informatics, basic problems solving and elementary programming skills. It also provides a survey of computing tools in the context of selected disciplines (cognates).

INFO-C 112 Tools For Informatics: Programming and Databases (3 cr.) This course is an introduction to programming and databases, two basic means of creating, changing, and storing information on a computer. Computational thinking, basic programming, and basic debugging methods will be covered in a high-level language. Data modeling, schemas, SQL queries, and data-entry forms will also be emphasized.

INFO-C 201 Mathematical Foundations of Informatics (3 cr.)

An introduction to methods of analytical, abstract, and critical thinking; deductive reasoning; and logical and mathematical tools used in information sciences. The

topics include propositional and predicate logic, natural deduction proof system, sets, functions and relations, elementary statistics, proof methods in mathematics, and mathematical induction.

INFO-C 203 Social Informatics (3 cr.) Introduction to key ethical, privacy and legal issues as related to informatics, and social research perspectives and literatures on the use of information and communication technologies.

Topics include: intellectual property, legal issues, societal laws, ethical use of information, information privacy laws, personal code of ethics, principles for resolving ethical conflicts, and popular and controversial uses of technology. This course also outlines research methodologies for social informatics.

INFO-C 210 Problem Solving and Programming I (3 cr.)

First in a two-course sequence of intensive computer programming. In this course, students will design, develop, test, and debug software solutions using a given programming language.

INFO-C 211 Problem Solving and Programming 2 (3 cr.)

Second course in the two-course sequence of intensive computer programming. In this course, students will learn and apply object oriented computer programming concepts and techniques. The course will also provide a brief introduction to data structures and files.

INFO-C 300 human Copmputer Interaction (3 cr.)

This course introduces core topics and approaches in human-computer interaction including the process of designing and evaluating interactive technologies. Topics include interaction design, evaluation, usability, user psychology, prototyping, requirements and analysis, and related issues. Students working in teams identify stakeholders, build user-centered interfaces, and apply statistics to analyze user data.

INFO-C 307 Data Representation and Organization (3 cr.)

This course will provide an introduction to ways in which data can be organized, represented and processed from low-level to high level. Topics include construction of memory based structures and algorithms using arrays (single, multidimensional), lists (single, double, circular), stacks, queues, binary trees, and hash tables, and basic file manipulation.

INFO-C 399 Database Systems (3 cr.)

This course will provide an in-depth discussion of database systems fundamentals. The course emphasizes the concepts underlying various functionalities provided by a database management system, and its usage from an end-user perspective. Topics include: overview and architecture of database systems, the relational database modeling and querying, and basic XML database modeling and querying.

INFO-C 450 System Design (3 cr.) This course introduces the concepts of large scale system design and development. Topics include: the software development life cycle, specification, analysis, design, modeling, use cases, user interface design, planning, estimating, reusability, portability, working in teams, introductory project management and CASE tools. Student teams will present their final project design.

INFO-C 451 System Implementation (3 cr.) This course introduces the concepts of large scale system

implementation. Topics include: implementation of data models, user interfaces, and software systems, working in teams, software testing, planning, estimating, and post-delivery maintenance. The students will work in teams and will utilize project management tools and revision control and source code management systems. Student teams will present their final project design.

INFO-C 452 Project Management (3 cr.) This course provides an in-depth discussion of project management in an Informatics setting. Students will become conversant in the tools and techniques of project management, such as project selection methods, work breakdown structures, network diagrams, critical path analysis, critical chain scheduling, cost estimates, earned value management, motivation theory and team building.

INFO-I 368 Intro to Network Science (3 cr.) Friends, computers, the Web, and our brain are examples of networks that pervade our lives. Network science helps us understand complex patterns of connection, interaction, and relationships in many complex systems. Students learn essential concepts and core ideas of network literacy, and basic tools to handle social and information networks.

INFO-C 413 Web Design and Development (3 cr.) This course introduces Website design and development, topics include client-side technologies such as Hypertext Markup Language (HTML, XML), the document object model (DOM), Cascading Style Sheet (CSS), JavaScript and jQuery, AJAX, front-end framework, and server-side technologies.

Mathematics (MATH)

MATH-A 118 Finite Mathematics for the Social and Biological Sciences (3 cr.) P: Placement by exam or MATH-M 101. Quantitative reasoning, probability, elementary combinations, reading and interpreting graphs and tables, measuring central tendency and variation, scatter plots, correlation, and regression. Intended to meet the finite math requirement for students who will be taking MATH-K 300. Course uses applied examples from psychology, sociology, biology, and political science. Credit given for only one of MATH-A 118 or MATH-M 118.

MATH-K 300 Statistical Techniques for Health Professionals (3 cr.) P: Placement by exam or MATH-M 101. Recommended: MATH-M 118 or MATH-A 118. An introduction to statistics. Nature of statistical data. Ordering and manipulation of data. Measures of central tendency and dispersion. Elementary probability. Concepts of statistical inference decision; estimation and hypothesis testing. Special topics may include regression and correlation, analysis of variance, and nonparametric methods. Credit not given for both ECON-E 280–E 281 and MATH-K 300.

MATH-M 101 Topics in Algebra 4 (2 cr.) Topic: Linear Models and Graphs. Linear equations, inequalities, functions, graphs, systems, problem solving. Prepares students for MATH-M 102; MATH-M 110; MATH-M 112; MATH-M 114; MATH-A 118; MATH-M 118; MATH-T 101. Credit by examination not given.

MATH-M 102 Topics in Algebra 5 (2 cr.) P: Placement by exam or MATH-M 101 with a C or better. Topic: Non-Linear Models and Graphs. Polynomials, factoring, rational

expressions, radicals, quadratic equations and functions, problem solving. Prepares students for MATH-M 122; MATH-M 125; and MATH-M 126.

MATH-M 110 Excursions into Mathematics (3 cr.)

P: Placement by exam or MATH-M 101 with a C or better. Topics may include: Problem Solving, Logic, Set Theory, Numerations Systems (Historic and Other Bases Systems), Mathematics of Finance, Management Science, Apportionment and Voting Theory. This course does not count toward a major in mathematics.

MATH-M 114 Quantitative Literacy II (3 cr.)

P: Placement by exam or MATH-M 101 with a C or better. Introduction to statistics. Quantitative reasoning, probability, reading and interpreting graphs and tables, exploring shapes of distributions, measures of central tendency and variation.

MATH-M 118 Finite Mathematics (3 cr.) P: Placement by exam or MATH-M 101 with a C or better. Set theory, logic, permutations, combinations, simple probability, conditional probability, Markov chains.

MATH-M 119 Brief Survey of Calculus I (3 cr.)

P: Placement by exam or MATH-M 122 with a C or better. Sets, limits, derivatives, integrals, and applications.

MATH-M 120 Brief Survey of Calculus II (3 cr.)

P: MATH-M 119 with a C or better. A continuation of MATH-M 119 covering topics in elementary differential equations, calculus of functions of several variables, and infinite series. Intended for nonphysical science students. Credit not given for both MATH-M 120 and MATH-M 216. For additional restrictions, refer to MATH-M 215-MATH-M 216.

MATH-M 122 College Algebra (3 cr.) P: Placement by exam or MATH-M 102 with a C or better. Designed to prepare students for MATH-M 119 (Calculus). Includes solving and graphing linear, nonlinear, polynomial, radical, rational, exponential and logarithmic functions. Real life modeling and applications from business and economics. Credit not given for both MATH-M 122 and MATH-M 125.

MATH-M 125 Precalculus Mathematics (3 cr.)

P: Placement by exam or MATH-M 102 with a C or better. Designed to prepare students for MATH-M 215 (Calculus). Algebraic operations, polynomials, functions and their graphs, conic sections, exponential and logarithmic functions. Graphing calculators are not permitted in this course. Credit not given for both MATH-M 122 and MATH-M 125.

MATH-M 126 Trigonometric Functions (3 cr.) C: MATH-M 125 or equivalent. Designed to develop the properties of the trigonometric functions and equation solving to prepare for courses in calculus (MATH-M 215; MATH-M 216).

MATH-M 129 Business Algebra and Application (3 cr.)

P: One of the following: MATH-M 101, M 102, M 117, M 118, M 122, M 125, M 126, or ALEKS score of 35 or higher. Designed to prepare students for mathematical problems they will encounter in business. Includes solving and graphing linear, nonlinear, quadratic, exponential and logarithmic functions. Real life modeling and applications from business and economics.

MATH-M 215 Calculus I (5 cr.) Completion of MATH-M 125 and MATH-M 126 (or placement) are recommended prior to enrollment. Limits, continuity, derivatives, definite and indefinite integrals, applications, techniques of integration, infinite series.

MATH-M 216 Calculus II (5 cr.) P: MATH-M 215 with a C or better. Limits, continuity, derivatives, definite and indefinite integrals, applications, techniques of integration, infinite series.

MATH-M 295 Readings and Research (1-3 cr.)
P: Instructor permission required. Supervised problem solving. Admission only with permission of a member of the mathematics faculty who will act as supervisor.

MATH-M 303 Linear Algebra for Undergraduates (3 cr.) P: MATH-M 216 with a C or better. Introduction to the theory of real vector spaces. Coordinate systems, linear dependence, bases. Linear transformations and matrix calculus. Determinants and rank. Eigenvalues and eigenvectors.

MATH-M 311 Calculus III (3 cr.) P: MATH-M 216 with a C or better. Elementary geometry of 2, 3, and n -space, functions of several variables, partial differentiation, minimum and maximum problems, and multiple integration.

MATH-M 312 Calculus IV (3 cr.) P: MATH-M 311 with C or better. Intended for students majoring in the physical sciences and applied mathematics. Vector integral calculus (line integrals, Green's theorem, surface integrals, Stokes' theorem and applications). Topics in series expansions, including Fourier series and some applications. Introduction to functions of a complex variable (Cauchy-Riemann equations, Cauchy integral theorem, Laurent expansions and applications).

MATH-M 313 Elementary Differential Equations with Applications (3 cr.) P: MATH-M 216 with a C or better. Ordinary differential equations of first order and linear equations of higher order with applications, series solutions, operational methods, Laplace transforms, and numerical techniques.

MATH-M 320 Theory of Interest (3 cr.) Measurement of interest; accumulation and discount; equations of value; annuities; perpetuities; amortization and sinking funds; yield rates; bonds and other securities; installment loans; depreciation, depletion, and capitalized cost.

MATH-M 360 Elements of Probability (3 cr.) P: MATH-M 216 with a C or better.

MATH-M 363 Sample Survey Techniques (3 cr.) P: Two years of high school mathematics including algebra, MATH-K 300 or equivalent, or consent of instructor. Techniques; simple random, stratified, systematic, cluster, proportions, ratios, percentages; sample size, and sources of error in surveys.

MATH-M 366 Elements of Statistical Inference (3 cr.)
P: MATH-M 360 with a C or better. Introduction to statistical theory. Basic sampling distributions. Order statistics. Point estimation, maximum likelihood estimation, the Cramer-Rao bound, least squares method, confidence intervals, hypothesis-testing concepts, Neyman-Pearson lemma, likelihood ratio tests, linear models, large sample theory, contingency tables, goodness-of-fit tests.

MATH-M 371 Elementary Computational Methods (3 cr.) Interpolation and approximation of functions, solution of equations, numerical integration and differentiation. Errors convergence, and stability of the procedures. Students write and use programs applying numerical methods.

MATH-M 380 History of Mathematics (3 cr.) P: MATH-M 216 with a C or better. Brief study of the development of algebra and trigonometry; practical, demonstrative, and analytic geometry; calculus, famous problems, calculating devices; famous mathematicians and chronological outlines in comparison with outlines in the sciences, history, philosophy, and astronomy.

MATH-M 391 Introduction to Mathematical Reasoning (3 cr.) P: MATH-M 216 with a C or better. Elementary logic, techniques of proof, basic set theory, functions, relations, binary operations, number systems, counting. Bridges the gap between elementary and advanced courses.

MATH-M 403 Introduction to Modern Algebra I (3 cr.)
P: MATH-M 303 and MATH-M 391 with a C or better or consent of instructor. Study of groups, rings, field extensions, with applications to linear transformations.

MATH-M 404 Introduction to Modern Algebra II (3 cr.)
P: MATH-M 403 with a C or better. Study of groups, rings, fields (usually including Galois theory), with applications to linear transformations.

MATH-M 405 Number Theory (3 cr.) P: MATH-M 216 with a C or better. Numbers and their representation, divisibility and factorization, primes and their distribution, number theoretic functions, congruences, primitive roots, diophantine equations, quadratic residues, sums of squares, number theory and analysis, algebraic numbers, irrational and transcendental numbers.

MATH-M 406 Topics in Mathematics (3 cr.) P: Instructor permission required. Selected topics in various areas of mathematics not covered by the standard courses. May be repeated for credit.

MATH-M 413 Introduction to Analysis I (3 cr.) P: MATH-M 311 and MATH-M 391 with a C or better. Modern theory of real number system, limits, functions, sequences and series, Riemann-Stieltjes integral, and special topics.

MATH-M 414 Introduction to Analysis II (3 cr.)
P: MATH-M 413 with a C or better. Modern theory of real number system, limits, functions, sequences and series, Riemann-Stieltjes integral, and special topics.

MATH-M 421 Introduction to Topology I (3 cr.)
P: MATH-M 303 and MATH-M 311 with a C or better. Introduction to point set topology with emphasis on metric spaces. Continuity, Cartesian products, connectedness, compactness, completeness. Elements of homotopy theory, fundamental group and covering spaces, elementary homology theory, applications to simplicial complexes and manifolds.

MATH-M 425 Graph (Network) Theory and Combinatorial Theory (3 cr.) P: MATH-M 216 with a C or better. Graph theory: basic concepts, connectivity, planarity, coloring theorems, matroid theory, network programming, and selected topics. Combinatorial theory: generating functions, incidence matrices, block designs,

perfect difference sets, selection theorems, enumeration, and other selected topics.

MATH-M 436 Introduction to Geometries (3 cr.)

P: MATH-M 391 with a C or better or consent of instructor. Non-Euclidean geometry, axiom system. Plane projective geometry, Desarguesian planes, perspectives, coordinates in the real projective plane. The group of projective transformations and subgeometries corresponding to subgroups. Models for geometries. Circular transformations.

MATH-M 447 Mathematical Models and Applications I (3 cr.)

P: MATH-M 303, MATH-M 311, and MATH-M 360 or consent of instructor. C: MATH-M 303, MATH-M and MATH-M 360. Formation and study of mathematical models used in the biological, social, and management sciences. Mathematical topics include games, graphs, Markov and Poisson processes, mathematical programming, queues, and equations of growth. Suitable for secondary school teachers.

MATH-M 471 Numerical Analysis I (3 cr.)

P: MATH-M 303 and MATH-M 313, or consent of instructor. Interpolation and approximation of functions, numerical integration and differentiation, solution of nonlinear equations, acceleration and extrapolation, solution of systems of linear equations, eigenvalue problems, initial and boundary value problems for ordinary differential equations, and computer programs applying these numerical methods.

MATH-M 490 Problem Seminar (3 cr.)

P: MATH-M 303, MATH-M 403, or MATH-M 413 and consent of instructor. C: MATH-M 403 or MATH-M 413 Introduction to research techniques for advanced undergraduates, based on problems from parts of the regular curriculum, such as linear algebra, topology, probability, and analysis. Emphasis will be on problems of both current and historical interest but usually not in the standard literature.

MATH-M 493 Senior Thesis in Mathematics (1 cr.)

P: MATH-M 403 or MATH-M 413 and permission of instructor. The student must write and present a paper (senior thesis) on a topic agreed upon by the student and the department chairperson or advisor delegated by the chairperson.

MATH-T 101 Mathematics for Elementary Teachers I (3 cr.)

P: Placement by exam. Elements of set theory, counting numbers. Operations on counting numbers, integers, rational numbers, and real numbers. Only open to elementary education majors.

MATH-T 102 Mathematics for Elementary Teachers II (3 cr.)

P: MATH-T 101 with a C or better. Prime numbers and elementary number theory. Elementary combinatorics, probability, and statistics.

MATH-T 103 Mathematics for Elementary Teachers III (3 cr.)

P: MATH-T 101 with a C or better. Descriptions and properties of basic geometric figures. Rigid motions. Axiomatics. Measurement, analytic geometry, and graphs of functions. Discussion of modern mathematics.

MATH-T 610 Topics in Analysis (3 cr.) This course will cover graduate-level knowledge in Analysis applications, including Real Analysis, Complex Analysis, Fourier Analysis, and other topics in Analysis.

Microbiology (MICR)

MICR-J 200 Microbiology and Immunology (3 cr.)

P: ANAT-A 215 and CHEM-C 101, CHEM-C 102, or CHEM-C 105 with a C or better. C: MICR-J 201. Consideration of pathogenic bacteria, viruses, fungi, and parasites in human disease; immunology and host-defense mechanisms.

MICR-J 201 Microbiology Laboratory (1 cr.)

C: MICR-J 200. Bacteriological techniques: microscopy, asepsis, pure culture, identification. Biology of microorganisms; action of antimicrobial agents. Representative immunological reactions. Recognition of pathogenic fungi and animal parasites.

MICR-M 310 Microbiology (3 cr.)

P: BIOL-L 211 with grade of C or better. C: MICR-M 315. Introduction to microorganisms and viruses as model systems for comparative studies of cytology, metabolism, nutrition, genetics, and intracellular regulatory mechanisms, with emphasis on medical microbiology.

MICR-M 315 Microbiology: Laboratory (2 cr.)

P: MICR-M 310 with grade of C or better. C: MICR-M 310. Exercises and demonstrations to yield proficiency in principles and techniques of cultivation and utilization of microorganisms under aseptic conditions.

MICR-M 350 Microbial Physiology and Biochemistry (3 cr.)

P: BIOL-L 211 and MICR-M 315. C: MICR-M 360. Intended for biology and chemistry majors. Introduction to microbial biochemistry and physiology; nutrition, growth, and metabolism of selected bacteria.

MICR-M 420 Environmental Microbiology (5 cr.)

P: BIOL-L 211 with grade of C or better. Role of microorganisms in various ecosystems. Detection and enumeration of microorganisms and their products from various environments.

Physiology (PHSL)

PHSL-P 130 Human Biology (3 cr.)

Basic concepts in human biology. Covers reproduction and development, physiological regulations, stress biology, and behavioral biology, with emphasis on socially related problems.

PHSL-P 215 Basic Mammalian Physiology (5 cr.)

P: ANAT-A 215 or BIOL-L 101 and BIOL-L 102 with grades of C or better OR permission of the instructor. Lab fee required. Functional aspects of cells, tissues, organs, and systems in the mammalian organism. Designed for preprofessional students in allied health, nursing, speech and hearing, and HPER.

PHSL-P 416 Comparative Animal Physiology (3 cr.)

P: BIOL-L 101 and BIOL-L 102 with grade of C or better. C: PHSL-P 418. Lecture course presenting physiological principles of the respiratory, circulatory, excretory, and related systems in a variety of invertebrate and vertebrate animals.

PHSL-P 418 Lab in Comparative Animal Physiology (2 cr.)

C: PHSL-P 416. Laboratory experiments using a variety of animals to illustrate physiological principles.

Physics (PHYS)

PHYS-P 100 Physics in the Modern World (5 cr.) One year of high school algebra or equivalent is recommended. Ideas, language methods, impact, and cultural aspects of physics today. Four lectures and one two-hour laboratory period each week. Includes classical physics up to physical bases of radar, atomic-energy applications, etc. Beginning high school algebra used. Cannot be substituted for physics courses explicitly designated in specified curricula. Students successfully completing PHYS-P 201 or P 221 not given credit for PHYS-P 100.

PHYS-P 105 Basic Physics of Sound (3 cr.) One year of high school algebra or equivalent is recommended. The physical principles involved in the description, generation, and reproduction of sound. Topics discussed include physics of vibrations and waves, Fourier decomposition of complex wave forms, harmonic spectra, propagation of sound waves in air, standing waves and resonance, sound loudness and decibels, room acoustics, and sound recording and reproduction, including digital sound. Intended for students majoring in the humanities, social sciences, business, music, and education. Little or no background in science is assumed. Mathematics at the level of one year of high school algebra is used.

PHYS-P 120 Energy and Technology (3 cr.) One year of high school algebra or equivalent is recommended. Provides the physical basis for understanding interaction of technology and society, and for the solution of problems, such as energy use and the direction of technological change. Intended for students majoring in the humanities, social sciences, business, music and education. Little or no background in science is assumed. Mathematics at the level of one year of high school algebra is used.

PHYS-P 201 General Physics: Mechanics, Heat, and Sound (5 cr.) Completion of MATH-M 122 or high school equivalent is recommended prior to enrollment. Newtonian mechanics, wave motion, heat, and thermodynamics. Application of physical principles to related scientific disciplines, especially life sciences. Intended for students preparing for careers in the life sciences and the health professions. Three lectures, one discussion section, and one two-hour laboratory period each week. Credit given only for either PHYS-P 201 or PHYS-P 221 or PHYS-P 100.

PHYS-P 202 General Physics: Electricity, Magnetism, Light, and Nuclear Physics (5 cr.) P: PHYS-P 201 with a grade of C or better or consent of instructor. Electricity and magnetism; geometrical and physical optics; introduction to concepts of relativity, quantum theory, and atomic and nuclear physics. Credit given only for either PHYS-P 202 or PHYS-P 222.

PHYS-P 219 General Physics II (4 cr.) P: PHYS-P 218 or equivalent. Electricity, light, and modern physics. Lecture and Lab.

PHYS-P 221 Physics I (5 cr.) C: MATH-M 215. Newtonian mechanics, oscillations and waves, heat and thermodynamics. Credit given only for either PHYS-P 221 or PHYS-P 201 or PHYS-P 100.

PHYS-P 222 Physics II (5 cr.) P: PHYS-P 221 with a grade of C or better or consent of instructor. Primarily electricity, magnetism, and geometrical and physical

optics. Credit given only for either PHYS-P 222 or PHYS-P 202.

PHYS-P 301 Physics III (3 cr.) P: PHYS-P 202 or PHYS-P 222 and MATH-M 215 with grade of C or better or consent of instructor or consent of instructor. Third semester of a three-semester sequence. The special theory of relativity; introduction to quantum physics; atomic, nuclear, condensed matter, and elementary particle physics. Intended for science and mathematics majors. Three lecture-discussion periods each week.

PHYS-P 309 Intermediate Physics Laboratory (2 cr.) P: PHYS-P 202 or PHYS-P 222 and MATH-M 215 with grades of C or better or consent of instructor. Fundamental experiments in mechanics, electricity and magnetism, thermodynamics, optics, and modern physics. Emphasis is placed upon developing basic laboratory skills and data analysis techniques, including computer reduction and analysis of the data.

PHYS-P 310 Environmental Physics (3 cr.) P: PHYS-P 202 or PHYS-P 222 and MATH-M 215 with grades of C or better or consent of instructor. Relationships of physics to current environmental problems. Energy production, comparison of sources and byproducts; energy use, alternative sources, conservation methods; global warming, environmental effects.

PHYS-P 331 Theory of Electricity and Magnetism I (3 cr.) P: PHYS-P 202 or PHYS-P 222 with grades of C or better or consent of instructor. Electrostatic fields and differential operators, Laplace and Poisson equations, dielectric materials, steady currents, power and energy, induction, magnetic fields, scalar and vector potentials, Maxwell's equations.

PHYS-P 340 Thermodynamics and Statistical Mechanics (3 cr.) P: PHYS-P 301 with a grade of C or better or consent of instructor. Intermediate course, covering three laws of thermodynamics, classical and quantum statistical mechanics, and some applications.

PHYS-P 441 Analytical Mechanics (3 cr.) P: PHYS-P 301 and MATH-M 313. Elementary mechanics of particles and rigid bodies, treated by methods of calculus and differential equations.

PHYS-P 453 Introduction to Quantum Mechanics (3 cr.) P: PHYS-P 301 and PHYS-P 331. The Schrodinger equation with the applications to problems such as barrier transmission, harmonic oscillation, and the hydrogen atom. Discussion of orbital and spin angular momentum and identical particles. Introduction to perturbation theory.

PHYS-S 405 Readings in Physics (1-3 cr.) C: Department consent required. Independent reading under the supervision of a faculty member. Study in depth of a topic of interest to the student, culminating in a research paper. Repeatable for credit.

PHYS-S 406 Research Project (1-6 cr.) P: For a theoretical research project: PHYS-P 453 or consent of instructor. For experimental research project: PHYS-P 309, or consent of instructor. Research participation under faculty supervision in project of current interest. Repeatable for credit up to 6 units,

PHYS-P 218 General Physics I (4 cr.) Mechanics, conservation laws, gravitation; simple harmonic motion and waves; kinetic theory, heat, and thermodynamics for students in technology fields. Lecture and Lab.

Professional Practices in Sciences

Plant Science (PLSC)

PLSC-B 101 Plant Biology (5 cr.) Fundamental principles of biology as illustrated by plants: characteristics of living matter, nutrition, growth, responses to environment, reproduction, basic principles of heredity. This course will not count toward a biology major.

PLSC-B 364 Summer Flowering Plants (5-6 cr.)

P: ENG-W 130 or ENG-W 131, and MATH-M 110 or higher with grades of C or better, OR minimum of 12 credits. For those desiring a broad, practical knowledge of common wild and cultivated plants.

PLSC-B 368 Ethnobotany (Plants and Civilization)

(3 cr.) P: ENG-W 130 or ENG-W 131, and MATH-M 110 or higher with grades of C or better, OR minimum of 12 credits. Plants in relation to man, with primary emphasis on food plants.

PLSC-B 370 Plant Physiology (5 cr.) P: ENG-W 130 or ENG-W 131, and MATH-M 110 or higher with grades of C or better, OR minimum of 12 credits. The physiological process of plants.

PLSC-B 373 Plant Growth and Development. (5 cr.)

P: ENG-W 130 or ENG-W 131, and MATH-M 110 or higher with grades of C or better, OR minimum of 12 credits. Examination of growth and development of seed plants from embryo to ovule, with emphasis on experimental studies of abnormal growth.

PLSC-B 375 Horticultural Plants: Biotechnology, Physiology, and Development (5-6 cr.)

P: ENG-W 130 or ENG-W 131, and MATH-M 110 or higher with grades of C or better, OR minimum of 12 credits. This course acquaints students with horticultural plants from developmental, physiological, and biotechnological perspectives, along with concrete practice in various skills used in modern horticulture, such as tissue culture, grafting, electrophoresis, and landscape design. Horticulture is the applied biological science involving the use of ornamental and/or fruiting plants in the landscape and garden.

Zoology (ZOOL)

ZOOL-Z 103 Animal Biology (5 cr.) Emphasis on interdependence of all living things. Type forms are used to demonstrate general biological principles. Functional aspects of biology, inheritance, development, and evolution and their application to human biology. This course will not count toward a biology major.

ZOOL-Z 373 Entomology (3 cr.) P: ENG-W 130 or ENG-W 131, and MATH-M 110 or higher with grades of C or better, OR minimum of 12 credits. C: ZOOL-Z 383. Insects, with emphasis on evolution, distribution, behavior, and structure.

ZOOL-Z 383 Laboratory in Entomology (2 cr.)

C: ZOOL-Z 373. Laboratory and field studies of methods of collecting, preserving, and studying insects, with

intensive study of classification. Preparation of insect collection required.

ZOOL-Z 460 Ethology (Animal Behavior) (3 cr.)

P: ENG-W 130 or ENG-W 131, and MATH-M 110 or higher with grades of C or better, OR minimum of 12 credits. Introduction to the zoological study of animal behavior. Emphasizes both internal and external factors involved in the causation of species-typical behavior of animals (protozoa-primates) in their natural environment.

ZOOL-Z 466 Endocrinology (3 cr.) P: BIOL-L 211 with C or better. Mechanisms of hormone action from the molecular to the organismal level in vertebrates.

Nursing (NURS)

NURS-B 231 Comm Skill for Hlth Profsnl (3 cr.)

Students in this course will focus on basic communication skills essential for working with clients of various ages and health care professionals. Content includes interpersonal communications and group dynamics. Students will practice communication skills with individuals, within groups, and through electronic media.

NURS-B 232 Introduction to the Discipline (3 cr.)

This course focuses on core theoretical concepts of nursing practice: health, wellness, illness, wholism, caring environment, self-care, uniqueness of persons, interpersonal relationships, and decision making. This course helps the student understand nursing's unique contributions to meeting societal needs through integrating theory, research, and practice.

NURS-B 233 Health and Wellness (4 cr.)

P: All 200 level Nursing Courses This course focuses on the use of concepts from nursing, nutrition, pharmacology, and biopsychosocial sciences to critically examine the determinates of health, wellness, and illness across the life span. Environmental, sociocultural, and economic factors that influence health care practices are emphasized. Theories of health, wellness, and illness are related to health promotion, disease prevention, illness prevention, and nursing interventions.

NURS-B 236 Developmental Issues in Nursing (3 cr.)

P: NURS-B 231, NURS-B 232, NURS-B 244, and NURS-B 245 The course focuses on theories of individual development and family adaptation across the lifespan and health promotion/risk reduction topics for specific age groups. Students will perform assessments on individuals in various age groups.

NURS-B 244 Comprehensive Health Assessment

(2 cr.) This course focuses on helping students acquire skills to conduct a comprehensive health assessment, including the physical, psychological, social, functional, and environmental aspects of health. The process of data collection, interpretation, documentation, and dissemination of assessment data will be addressed.

NURS-B 245 Comprehensive Health Assessment:

Practicum (2 cr.) Students will have the opportunity to use interview, observation, percussion, palpation, inspection, and auscultation in assessing clients across the life span in simulated and actual environments.

NURS-B 248 Science and Technology of Nursing

(2 cr.) This course focuses on the fundamentals of nursing from a theoretical research base. It provides an

opportunity for basic care nursing skills development. Students will be challenged to use critical thinking and problem solving in developing the ability to apply an integrated nursing therapeutics approach for clients experiencing health alterations across the life span.

NURS-B 249 Science and Technology of Nursing: Practicum (2 cr.) Students will have the opportunity to demonstrate fundamental nursing skills in the application of nursing care for clients across the life span.

NURS-B 304 Health Policy (3 cr.) Social, ethical, cultural, economic, and political issues that affect the delivery of health and nursing services globally are critically analyzed. Government and entrepreneurial interests are examined. Emphasis is placed on the impact of policy decisions on professional nursing practice and health services.

NURS-B 331 Transition to Baccalaureate Nursing Practice (3 cr.) This course bridges the nurse to the essential elements of baccalaureate professional practice. Students examine inter and intra professional communication, collaboration, and teamwork to enhance quality patient care. Students explore nursing professional organizations, issues in professional practice, and the impact of lifelong learning on career development.

NURS-B 344 Comprehensive Nursing Health Assessment (3-3 cr.) This course focuses on the complete health assessment, the nursing process, and its relationship to the prevention and early detection of disease across the life span. Students learn the skills of interview, inspection/observation, palpation, percussion, and auscultation in assessing clients across the life span and comparing normal from abnormal findings.

NURS-B 404 Informatics (3 cr.) This course addresses nursing informatics: state of the science and issues for research, development and practice. It clarifies concepts of nursing, technology, and information management; and comprises theory, practice, and the social and ethical issues in nursing and health care informatics.

NURS-H 351 Alterations in Neuropsychological Health (3 cr.) P: sophomore-level courses. C: NURS-H 352, NURS-H 353, and NURS-H 354. This course focuses on individuals and small groups experiencing acute and chronic neuropsychological disorders. Content includes the effect of the brain-body disturbances on health functioning. Other content areas are growth and development, stress, mental status, nurse-client relationships, psychopharmacology, and nursing approaches for clients experiencing DSM-IV neuropsychological disorders.

NURS-H 352 Alterations in Neuropsychological Health: The Practicum (2 cr.) P: All sophomore-level courses C: NURS-H 351, NURS-H 353, and NURS-H 354. Students will provide nursing care to individuals and small groups who are experiencing acute and chronic neuropsychological disturbances related to psychiatric disorders. Student experiences will be with individuals and small groups in supervised settings such as acute care, community based, transitional, and/or the home.

NURS-H 353 Alterations in Health I (3 cr.) P: All sophomore-level courses. C: NURS-H 351, NURS-H 352, and NURS-H 354. This course focuses on the pathophysiology and holistic nursing care management of

clients experiencing acute and chronic problems. Students will use critical thinking and problem-solving skills to plan intervention appropriate to health care needs.

NURS-H 354 Alterations in Health I: The Practicum (2 cr.) P: All sophomore-level courses. C: NURS-H 351, NURS-H 352, NURS-H 353. Students will apply the science and technology of nursing to perform all independent, dependent, and interdependent care functions. Students will engage clients in a variety of settings to address alterations in health functioning, identify health care needs, and determine the effectiveness of interventions given expected outcomes.

NURS-H 355 Data Analysis/Pract & Research (3 cr.) Introduces nursing and other health science students to the basic concepts and techniques of data analysis needed in professional health care practice. Principles of measurement, data summarization, and univariate and bivariate statistics are examined. Differences in types of qualitative data and methods by which these types of data can be interpreted are also explored. Emphasis is placed on the application of fundamental concepts to real world situations in client care.

NURS-H 361 Alterations in Health II (3 cr.) P: All sophomore-level courses: NURS-H 351, H 352, H 353, and H 354. C: NURS-H 262, H 363, H 364, H 365. This course builds on Alterations in Health I and continues to focus on pathophysiology and holistic nursing care management of clients experiencing acute and chronic health problems and their associated needs.

NURS-H 362 Alterations in Health II: The Practicum (2 cr.) P: All sophomore-level courses; NURS-H 351, H 352, H353, and H354. C: NURS-H 361, H 363, H 364, and H 365. Students will continue to apply the science and technology of nursing to perform all independent, dependent, and interdependent care functions. Students will engage clients in a variety of settings to address alterations in health functioning.

NURS-H 363 The Developing Family and Child (3 cr.) P: All sophomore-level courses; NURS-H 351, H 352, H 353, and H 354. C: NURS-H 361, H 362, H 363, and H 365. This course focuses on the needs of individuals and their families who are facing the phenomena of growth and development during the childbearing and child-rearing phases of family development. Factors dealing with preserving, promoting, and restoring healthy status of family members will be emphasized.

NURS-H 364 The Developing Family and Child: The Practicum (3 cr.) P: All sophomore-level courses; NURS-H 351, H 352, H 353, and H 354. C: NURS-H 361, H 362, H 363, and H 365. Students will have the opportunity to work with childbearing and child-rearing families, including those experiencing alterations in health.

NURS-H 365 Nursing Research (3 cr.) P: All sophomore-level courses; NURS-H 351, H 352, H 353, and H 354. C: NURS-H 361, H 363, and H 364. This course focuses on development of the student's skills in using the research process to define clinical research problems and to determine the usefulness of research in clinical decisions related to practice. The critique of nursing and nursing-related research studies will be emphasized in identifying applicability to nursing practice.

NURS-K 301 Complementary Health Therapies (3 cr.)

This course is designed to introduce the student to non-mainstream health care therapies. The course will serve as an introduction to a variety of therapies, including healing touch, guided imagery, hypnosis, acupuncture, aromatherapy, reflexology and massage, to name a few.

NURS-K 490 Life Span Practicum (1 cr.) P: PSY-P 101. C: NURS-B 310. Students will make assessments and observations of individuals in various stages of growth and development.

NURS-K 492 Nursing Elective (1-6 cr.) P: Successful completion of junior-level courses or permission of instructor. Opportunity for the nursing student to pursue independent study of topics in nursing under the guidance of a selected faculty member.

NURS-P 345 Pharmacology for Professional Nursing Practice (3 cr.) P: Admission to the RN-BSN program. This course focuses on principles of pharmacology for professional nursing practice. It includes the pharmacologic properties of major drug classes and individual drugs, with an emphasis on the clinical application of drug therapy through the nursing process.

NURS-R 470 Clinical Nursing Practice Capstone (3 cr.) This course must be taken in the final term for RN BSN students. This course allows students to synthesize knowledge and skills learned in the baccalaureate program and to demonstrate competencies consistent with program outcomes and to refine their nursing practice skills. Students will plan and organize learning experiences, design a project, and practice professional nursing in a safe and effective manner.

NURS-S 470 Restorative Health Related to Multisystem Failures (3 cr.) P: All junior-level courses. C: NURS-S 471, S 472, and S 473. This course focuses on the pathophysiology and nursing care management of clients experiencing multisystem alterations in health status. Correlations among complex system alterations and nursing interventions to maximize health potential are emphasized.

NURS-S 471 Restorative Health Related to Multisystem Failures: The Practicum (2 cr.) P: All junior-level courses. C: NURS-S 470, S 472, and S 473. Students will apply the nursing process to the care of clients experiencing acute multisystem alterations in health.

NURS-S 472 A Multisystem Approach to the Health of the Community (3 cr.) P: All junior-level courses. C: NURS-S 470, S 471, and S 473. This course focuses on the complexity and diversity of groups or aggregates within communities and their corresponding health care needs. Through a community assessment of health trends, demographics, epidemiological data, and social/political/economics issues in local and global communities, the student will be able to determine effective interventions for community-centered care.

NURS-S 473 A Multisystem Approach to the Health of the Community: Practicum (2 cr.) P: All junior-level courses. C: NURS-S 470, S 471, and S 472. Students will have the opportunity to apply the concepts of community assessment, program planning, prevention, and epidemiology to implement and evaluate interventions

for community-centered care to groups or aggregates. Professional nursing will be practiced in collaboration with diverse groups within a community.

NURS-S 481 Nursing Management (2 cr.) P: All junior-level courses; NURS-S 470, S 471, S 472, and S 473. C: NURS-S 482, S 483, S 484, and S 485. This course focuses on the development of management skills assumed by professional nurses, including delegation of responsibilities, networking, facilitation of groups, conflict resolution, leadership, case management, and collaboration. Concepts addressed include organizational structure, change, managing quality and performance, workplace diversity, budgeting and resource allocation, and delivery systems.

NURS-S 482 Nursing Management: The Practicum (3 cr.) P: All junior-level courses: NURS-S 470, S 471, S 472, and S 473. C: NURS-S 481, S 483, S 484, and S 485. Students will have the opportunity to apply professional management skills in a variety of nursing leadership roles.

NURS-S 483 Clinical Nursing Practice Capstone (3 cr.) P: All junior-level courses; NURS-S 470, S 471, S 472, and S 473. C: NURS-S 481, S 482, S 484, and S 485. Students will have the opportunity to demonstrate competencies consistent with program outcomes and to refine their nursing care practice skills. Students will collaborate with faculty and a preceptor in choosing a care setting, planning and organizing a learning experience, and practicing professional nursing in a safe and effective manner.

NURS-S 484 Evidence-Based Practice (1 cr.) P: All junior-level courses; NURS-S 470, S 471, S 472, and S 473. C: NURS-S 481, S 482, S 483 and S 485. This course focuses on students' abilities to refine their critical/analytical skills in evaluating clinical research for applicability to nursing practice. Students will examine the role of evaluation, action research, and research findings in assuring quality of nursing care and in solving relevant problems arising from clinical practices.

NURS-S 485 Professional Growth and Empowerment (3 cr.) P: All junior-level courses; NURS-S 470, S 471, S 472, and S 473. C: NURS-S 481, S 482, S 483, and S 484. This course focuses on issues related to professional practice, career planning, personal goal setting, and empowerment of self and others. Students will discuss factors related to job performance, performance expectations and evaluation, reality orientation, and commitment to lifelong learning.

NURS-Z 480 B.S.N. Portfolio Review for Course Substitution (1-6 cr.) The portfolio review process is available to all undergraduate students who believe that they can meet the learning objectives/competencies required of a specific nursing course within their program of study. The portfolio is a mechanism used to validate the acquisition of knowledge and skills congruent with course expectations and student learning outcomes. The portfolio provides objective evidence that students have acquired the content and skills through prior learning and/or practice experiences.

NURS-Z 490 Clinical Experience in Nursing (1-6 cr.) Opportunity for independent study of clinical experience related to nursing practice. Includes elective credit

awarded to registered nurses holding valid specialty certification from a professional nursing organization in an appropriate area of nursing. A maximum of 2 credit hours may be awarded.

NURS-Z 492 Individual Study in Nursing (1-6 cr.)

Opportunity for registered nurses to participate in independent study of topics related to nursing practice under the guidance of a selected faculty member.

NURS-R 375 Nursing Research and Evidence-Based Practice (3 cr.)

This course focuses on nursing research and evidence-based practice. Students develop skills in retrieving and appraising literature relevant to clinical problems, understanding the research process, and critiquing evidence from research publications and other sources to inform evidence-based nursing practice.

NURS-I 630 Introduction to Nursing Informatics (3 cr.)

Introduction to the field of nursing informatics, current state of the science, and major issues for research and development. Includes theoretical models of nursing informatics; nursing roles; information processing and data management; data acquisition and data representation; information system standards system architecture and networking; evaluation; and ethical/social issues in healthcare informatics.

NURS-L 574 Administrative Management for Nursing (3 cr.)

Concepts, theories, perspectives, and research relevant to administration of nursing services. Emphasis on management principles and organizational processes related to patient care delivery systems. Examines contemporary literature in nursing and business.

NURS-L 671 Financial Management: Nursing (3 cr.)

This course acquaints students with budget preparation and fiscal management. Fiscal management and strategic change are analyzed. Students use computerized spreadsheets in budget preparation.

NURS-N 502 Nursing Theory for Advanced Nursing Practice (3 cr.)

This course focuses on analyzing the relationships between theory and research for effective translation to practice. Emphasis is placed on selection and evaluation of theories, interprofessional perspectives, and using theory to guide practice and research.

NURS-R 500 Nursing Research Methods (3 cr.)

This course emphasizes using research for decision-making in the delivery of quality evidence-based health care. Emphasis is placed on identifying problems and searching, appraising and synthesizing evidence for application or generating new knowledge using research methods. Strategies for disseminating findings across inter-professional contexts are examined.

NURS-R 505 Measurement and Data Analysis (3 cr.)

Principles and applications of scientific measurement, data summarization, inferential statistics, and practical derivations of the general linear model. Considers the research purpose and the phenomenon under study as determinants of measurement techniques and data analysis.

NURS-T 615 Nursing Curriculum (3 cr.) Focus is on the process of developing a curriculum of nursing within a peer setting. Emphasis is also directed toward individual investigation of a nursing curriculum issue.

NURS-T 670 Teaching of Nursing (3-6 cr.) Seminar and guided experiences in teaching of nursing, including planning, developing, implementing and evaluating classroom and clinical instruction.

NURS-Y 510 Advanced Practice Nursing Concepts I (3 cr.)

Analyzes selected nursing concepts and related research with a focus on ethics, professional role development, human diversity and social issues as well as health promotion and disease prevention. Relationship of concepts to advanced practice models is explored.

NURS-Y 520 Advanced Practice Nursing Concepts II (3 cr.)

Analyzes selected nursing concepts and related research with a focus on health care policy, organization of health care delivery systems, health care financing and health care economics. Relationship of concepts to advanced practice models is explored.

NURS-B 403 Gerontological Nursing (3 cr.)

This course promotes a holistic approach to persons in the later years of life. Death and dying, legal and ethical issues, family caregiving, and future challenges will be discussed in the context of best practices as outlined by the John A. Hartford Foundation; Institute for Geriatric nursing.

NURS-K 305 New Innovations in Health & Health Care (3 cr.)

This course explores emergent trends in health and health care, including technological advances in health care, developing approaches to care based on new knowledge and/or research findings, and trends in health care delivery in a themed, survey, or independent study format.

NURS-K 434 Global Health Issues In Nurses (3 cr.)

The course focuses on global health issues, the conditions that contribute to global health disparities, and nursing interventions. Conceptual models and health equity concepts, evidence-based practice, and health care delivery systems are analyzed to explore strategies for addressing global health issues. Students investigate issues and advocate for health justice.

NURS-K 499 Genetics and Genomics (3 cr.)

The course introduces a basic knowledge of genetics in health care, including genetic variation and inheritance; ethical, legal, and social issues in genetic health care; genetic therapeutics; nursing roles; genetic basis of selected alterations to health across the life span; and cultural considerations in genetic health care are all considered.

NURS-N 504 Leadership for Advancing Nursing Practice (3 cr.)

This course addresses organizational and leadership knowledge and skills required to advance health outcomes and influence policy. Key leadership issues and challenges affecting advanced practice nurses will be examined and effective leadership and advocacy skills will be applied.

NURS-R 590 Scholarly Project (1 cr.) A guided experience in identifying a researchable nursing problem and in developing and implementing a research project.

NURS-S 410 Emergency Preparedness (3 cr.)

This course focuses on the theoretical and practical perspectives of disaster response and emergency management for nursing professionals. Students will explore disaster/ emergency response preparedness, leadership principles, decision-making, and recovery

training measures for health care providers devoted to supporting community disaster resilience.

NURS-S 420 Code Coordination (3 cr.) Students will synthesize knowledge and skills relevant to care coordination to ensure smooth care transition. Students will develop an understanding of the role of the RN as a member of an interprofessional team, as well as options for the most appropriate care setting for an individual patient.

NURS-S 474 Applied Health Care Ethics (3 cr.) Building on the ANA Code of Ethics, this course explores the nurse's role in ethical clinical practice, academic work, health policy, and research conduct, focusing particularly on the advocacy role of the nurse. Common ethical problems are discussed and strategies for resolution are applied.

NURS-S 475 Community Health: RNBSN (3 cr.) Basic epidemiological principles and community health nursing models are applied in collaboration with diverse groups. Disease prevention strategies are applied to individuals and populations to promote health students apply the concepts of community assessment, disease prevention and health promotion to plan, implement, and evaluate interventions for populations in the community.

NURS-S 487 Nursing Management: RNBSN (3 cr.) This course focuses on development of management skills assumed by professional nurses, including delegation of responsibilities, networking, and facilitation of groups, conflict resolution, leadership, case management, and collaboration. Concepts addressed include organizational structure, delivery systems, change, managing quality and performance, budgeting and resource allocation, staffing, scheduling, evaluation and career development.

Anthropology (ANTH)

ANTH-A 103 Human Origins and Prehistory (3 cr.) Man, his biological evolution, and his archaeological history through Stone and Metal Ages.

ANTH-A 105 Human Origins and Prehistory (3 cr.) Human biological evolution and prehistory from the earliest archaeological record through the rise of civilization. Credit given for only one of the following: ANTH-A 102, ANTH-A 105, or ANTH-A 303.

ANTH-A 303 Evolution and Prehistory (3 cr.) Introductory course for more advanced students. Man's place in nature, emergence of man and contemporary races, development of culture from Paleolithic onward, problems arising from interaction of biological and cultural phenomena.

ANTH-A 304 SOCIAL & CULTURAL BEHAVIOR (3 cr.)

ANTH-A 400 UNDERGRADUATE SEMINAR IN ANTH (3 cr.) Seminar in various anthropology topics that are not covered by other anthropology courses, excluding ethnography and ethnology.

ANTH-E 105 Culture and Society (3 cr.) Introduction to the comparative study of contemporary human cultures and social processes that influence behavior. Not sequential with ANTH-A 105. Credit given for only one of the following: ANTH-A 104, ANTH-A 304, ANTH-E 105, or ANTH-E 303.

ANTH-E 310 INTRO TO CULTURES OF AFRICA (3 cr.) Ethnographic survey of culture areas south of the Sahara.

ANTH-E 320 Indians of North America (3 cr.) P: ANTH-A 104. Ethnographic survey of cultural areas from the Arctic to Panama, plus cross-cultural analysis of interrelations of culture, geographical environment, and language families.

ANTH-E 330 INDIANS OF SOUTH AMERICA (3 cr.) The cultural development and contemporary life of aboriginal societies in the tropical and marginal areas of the continent. Ethnic relationships and characteristics of major cultural groups are examined through detailed study of representative tribal units.

ANTH-E 335 ANCIENT CIVIL OF MESOAMERICA (3 cr.) Historical ethnography of the major pre-Columbian civilizations including the Olmec, Mayan and Aztec. Emphasis on the social life, cultural achievements, religion, worldview and political systems to illustrate the diversity and richness of Amerindian life before the Spanish conquest.

ANTH-P 200 Introduction to Prehistoric Archaeology (3 cr.) Introduction to archaeology and world prehistory. Concentrates on the history, methods, and theory of American anthropological archaeology and is designed to answer some of the basic questions that many people have about world prehistory.

ANTH-P 361 Prehistory of the Midwestern U.S. (3 cr.) Survey of the prehistory of midcontinental North America, beginning with humans' entry into the New World and concluding with the European invasion. Covering the major cultural periods defined for Eastern Woodlands prehistory--Paleo-Indian, Archaic, Woodland, and Mississippian--as well as the sociocultural attributes by which each is defined.

Criminal Justice (CJUS)

CJUS-P 100 Introduction to Criminal Justice (3 cr.) P: Freshman or sophomore standing. Historical and philosophical background, structure, functions, and operations of the criminal justice system in the United States; introduction to and principles of formal behavior control devices.

CJUS-P 199 Careers in Criminal Justice (1 cr.) The purpose of the course is to acquaint students with the career options available to them after completion of a Criminology and Criminal Justice degree. These options include work with a bachelor's degree both in and out of the criminal justice field. In addition, students will become familiar with a variety of graduate degrees that can be earned after completion of a bachelor's degree. Students will be familiar with campus resources for career exploration and participate in activities designed to clarify their career goals. Finally, students will learn how to design their plans of study to meet the requirements for graduation with a degree in Criminology and Criminal Justice, and at the same time, to enhance their career objectives.

CJUS-P 200 Theories of Crime and Deviance (3 cr.) Critical examination of biological, psychological, and sociological theories of crime and deviance. Examination of individual, group, and societal reactions to norm-violating behaviors. Class must be taken on IUS campus.

CJUS-P 250 Issues in Criminal Justice (3 cr.) Thorough review and analysis of issues currently facing the criminal justice system. Topics vary each semester. Repeatable with different topics for a maximum of 6 credit hours.

CJUS-P 295 Criminal Justice Data, Methods, and Resources (3 cr.) P: CJUS-P100, CJUS-P200, ENG-W131, MATH-M118 all with a C or higher. This course examines basic concepts of criminal justice. Students become familiar with research techniques necessary for systematic analysis of the criminal justice system, offender behavior, crime trends, and program effectiveness. Students will learn to critically evaluate existing research. Students will become familiar with existing sources of criminal justice data and will learn to assess the quality of that data. Class must be taken on IUS campus.

CJUS-P 300 Topics in Criminal Justice (3 cr.) P: CJUS-P 100 with a C or higher. Extensive analysis of selected topics and themes in criminal justice. Topics vary each semester; see listing in the Schedule of Classes. Repeatable up to 9 units.

CJUS-P 301 Police and Contemporary Society (3 cr.) P: CJUS-P 100, CJUS-P295 with a grade of C or higher. Examination of the rules and responsibilities of the police, history of police organizations, relations between police and society, and determinations of police action.

CJUS-P 302 Courts and Criminal Justice (3 cr.) P: CJUS-P 100, CJUS-P295 with a grade of C or higher. Structure, organization, composition, functions, and procedures of courts in the United States. Role of lawyers and judges in the criminal justice system.

CJUS-P 303 Corrections and Criminal Justice (3 cr.) P: CJUS-P 100, CJUS-P295 with a grade of C or higher. Historical and comparative survey of prison confinement and the various alternatives within the scope of the criminal justice system's policies and methods of implementation.

CJUS-P 306 Drugs, Society, and Justice (3 cr.) P: CJUS-P 100 with a C or higher. Analysis of the political, economic, social and cultural factors that shape the use of consciousness-altering substances. Consideration of the way these factors influence the social and legal response to drug use.

CJUS-P 313 Conflict Management (3 cr.) P: CJUS-P 100 with a C or higher. This course will provide students with a fundamental knowledge and understanding of the nature of interpersonal conflict associated with law enforcement professionals. This course will begin by introducing students to the theories of human nature and build upon their understanding of conflict and conflict management for an organizational behavior perspective. Based upon the perspectives of these two schools of thought, this course will identify the principles associated with conflict management (social responsibility, compassion, and fairness). Finally, this course will identify the four characteristics or the 'plumbline' of conflict management (cultural intelligence, ethical behavior, effective interpersonal communication, and proficient use of power and authority) that provide the student with necessary skill to develop a personalized method for managing conflicts effectively on multiple levels.

CJUS-P 316 Crime in the Movies (3 cr.) P: CJUS-P 100 with a C or higher. This course is designed to examine the way that crime and criminals have been portrayed throughout the last 80 years in popular movies. Crime has always been a favorite source of material for Hollywood, and we will be exploring the way that the depiction of criminal activity reflects the social mores of a particular era. Thus, this course draws from a variety of disciplines as we critique the films and analyze the messages they convey about crime and criminals in society.

CJUS-P 320 Foundations of Criminal Investigations (3 cr.) P: CJUS-P 100 with a C or higher. The pertinence to criminal investigation of physical evidence, people, and documents. Discussion of ethical problems, impact of legal systems on investigative process, and elements of effective testimony. Lectures and case materials.

CJUS-P 325 Principles of Forensic Investigation (3 cr.) This course focuses on how a criminal offender is influenced by a variety of factors within the psychosocial environment. The class will examine the legal arenas and investigate procedures involved in dealing effectively with the system's most serious and chronic offenders.

CJUS-P 330 Criminal Justice Ethics (3 cr.) P: CJUS-P 100 with a C or higher. Study of major ethical theories with emphasis on their application to components of the criminal justice system. Personal and professional dilemmas and problem-solving will be emphasized.

CJUS-P 335 Race, Gender, and Inequality in the Criminal Justice System (3 cr.) P: CJUS-P 100 with a C or higher. This course is designed to examine the influence of gendered and race relations impacts on crime and justice.

CJUS-P 345 Terrorism (3 cr.) A survey of the incidence of terror with particular emphasis on public policy responses designed to combat terrorism. Special emphasis will be placed on the role of the criminal justice system in combating domestic and foreign terrorism.

CJUS-P 362 Sex Offenders (3 cr.) P: CJUS-P 100 and CJUS-P 200 with a C or higher. Examines a wide range of topics related to sex offenders, such as theories of deviance, sex crimes, sex addictions, pedophilia, adolescent offenders, rape and sexual assault, incest, legal responses, predator laws, risk assessment, and treatment. Content of interest to future investigators, prosecutors, police officers, and probation and treatment specialists.

CJUS-P 372 Evidence (3 cr.) P: CJUS-P 100. The rules of law governing proof at a trial of disputed issues of fact, burden of proof presumption and judicial notice; examination, impeachment, competency, and privileges of witnesses; hearsay rule and exception; all related as nearly as possible to criminal as opposed to civil process.

CJUS-P 373 Correctional Law (3 cr.) P: CJUS-P 100. Legal problems from conviction to release; pre-sentence investigations, sentencing, probation and parole, incarceration, loss and restoration of civil rights.

CJUS-P 374 Substantive Criminal Law (3 cr.) P: CJUS-P 100 with a grade of C or higher. The development, limitations, and application of substantive criminal law utilizing the case study method.

CJUS-P 375 The American Juvenile Justice System (3 cr.) P: CJUS-P 100, CJUS-P295 with a grade of C or higher. Structure and operation of the juvenile justice system in the United States, past and present. Analysis of the duties and responsibilities of the police juvenile officer, the juvenile court judge, and the juvenile probation officer.

CJUS-P 376 Procedural Criminal Law (3 cr.) P: CJUS-P 100 with a grade of C or higher. Criminal law application and procedure from the initiation of notice activity through the correctional process, utilizing the case-study method.

CJUS-P 407 Terrorism (3 cr.) P: CJUS-P 100. Terrorism is a serious challenge today and its policing demands varied responses. In this course we study how terrorists evolve and carry out their operations. The course will analyze police responses and debate the issues of legal boundaries and systems of checks and balances using case studies.

CJUS-P 411 Criminal Justice Management (3 cr.) P: CJUS-P 100 with a C or higher. Examination of the ideas and concepts from various disciplines contributing to modern administrative theory, and translation of these insights to the management of criminal justice agencies.

CJUS-P 413 Police-Community Relations (3 cr.) P: CJUS-P 100 with a grade of C or higher. Examination of the relations between police and urban communities. Consideration of the social, economic, and political factors that shape these relations and alternative approaches to improving police-community relations.

CJUS-P 416 Capital Punishment (3 cr.) P: CJUS-P 100 with a grade of C or higher. Consideration of issues raised by the use of the death penalty in the United States. Emphasis of critical thinking and open dialogue.

CJUS-P 423 Sexuality and the Law (3 cr.) Interdisciplinary analysis of topics pertaining to sexuality and the law. Examination of legal and cultural debates regarding sexual images and acts, the criminalization of motherhood, the international prostitution industry, and mass rape.

CJUS-P 426 JUVENILE DELINQUENCY (3 cr.) Focus on the critical analysis of the impact of significant individual, social, and institutional influences on delinquency including the family, delinquent peer groups, schools, and the community to respond to the question, "What causes juveniles to break the law?"

CJUS-P 457 Seminar on White-Collar Crime (3 cr.) The nature and incidence of white-collar crime. In addition to studying the etiological theories relating to white-collar crime, the course will also focus on both the criminal and civil (regulatory) process used to control corporate, organizational, and elite misconduct.

CJUS-P 458 Wrongful Conviction (3 cr.) P: CJUS-P 100 with a grade of C or higher. Investigates the factors associated with wrongful convictions and discusses possible remedies for minimizing such miscarriages of justice. The goal of this course is to systematically describe, explain, analyze and evaluate the factors associated with, and the consequences of, the wrongful prosecution, conviction, and incarceration of the innocent in the American criminal justice system. Includes a review of actual allegations of innocence by inmates currently

in our prisons, and case-studies of wrongly convicted individuals who have been exonerated.

CJUS-P 470 Senior Seminar in Criminal Justice (3 cr.) P: Senior standing (permission only); CJUS-P 100, CJUS-P295 with a grade of C or higher. A detailed examination of the major efforts designed to control or reduce crime, a review of existing knowledge is followed by an investigation of current crime control theories, proposals and programs.

CJUS-P 471 Comparative Study of Criminal Justice Systems (3 cr.) Comparison of the American criminal justice system with those of other federated nations and of selected unitary states.

CJUS-P 493 Seminar in Criminal Justice (3 cr.) Intensive study and analysis of selected problems in criminal justice. Topics will vary. May be repeated for a total of 9 credit hours with different topics.

CJUS-P 495 Individual Readings (1-6 cr.) P: CJUS-P 495 with a C or higher. Individual study project under guidance of faculty member or committee. Students and instructor will complete a form agreeing on responsibilities at the beginning of the relevant semester. Repeatable up to 6 units.

CJUS-P 496 Research Internship (1-3 cr.) P: CJUS-P 100 with a C or higher. Active participation in a research project and related activities under the direction of a faculty member. Students and instructor will complete a form agreeing on responsibilities at the beginning of the relevant semester. Repeatable up to 6 units.

CJUS-P 522 Conflict Management (3 cr.) This course will provide students with a fundamental knowledge and understanding of the nature of interpersonal conflict associated with law enforcement professionals. This course will begin by introducing students to the theories of human nature and build upon their understanding of conflict and conflict management for an organizational behavior perspective. Based upon the perspectives of these two schools of thought, this course will identify the principles associated with conflict management (social responsibility, compassion, and fairness). Finally, this course will identify the four characteristics or the 'plumbline' of conflict management (cultural intelligence, ethical behavior, effective interpersonal communication, and proficient use of power and authority) that provide the student with necessary skill to develop a personalized method for managing conflicts effectively on multiple levels.

CJUS-P 550 Topics in Criminal Justice and Public Safety (3 cr.) 'Variable' Topics in Criminal Justice and Public Safety. Repeatable up to 6 units.

CJUS-P 623 VIOLENT BEHAVIOR (3 cr.) Critical analysis of current theory and research on violent behavior utilizing a multidisciplinary framework. Topics include concepts and methods in the study of violence; prediction of violence; family and sexual violence; institutional violence; drugs and violence; and prevention of violent behavior.

History (HIST)

HIST-A 260 Early American Women's History (3 cr.) P: HIST-H 105, HIST-H 106 or consent of instructor. An

examination of the economic, family and political roles of colonial, slave, immigrant and frontier women in early North American history to 1880.

HIST-A 261 Modern American Women's History (3 cr.)

Surveys the diversity of women's experiences in modern United States history. An examination of women's changing roles in working class and middle class families, the effect of industrialization on women's economic activities and status, and women's involvement in political and social struggles, including those for women's rights, birth control, and civil rights.

HIST-A 301 Colonial North America, 1500-1763 (3 cr.)

P: One 100-level history course or consent of instructor. Native American society before and after conquest, colonization of New World by Spain, France, Dutch, and English; development of economic, social, cultural, and political societies in New World.

HIST-A 302 Revolutionary America, 1763-1791 (3 cr.)

P: One 100-level history course or consent of instructor. Tensions between British North American colonies and England, political, cultural, and economic world of colonies before American Independence; creation of state and national governments after 1776; struggle for unity after American Independence.

HIST-A 303 United States 1792-1829 (3 cr.) P: One 100-level history course or consent of instructor. Struggle for continental unity following American Independence; westward expansion; United States wars with American Indians and the British; development of American presidency and government systems; cultural, social, economic, and political ramifications and growth during early national era.

HIST-A 304 United States, 1830-1865 (3 cr.) P: One 100-level history course or consent of instructor. Analysis of westward expansion, American Indian relations, slavery, reform movements, the Spanish American War, and the Civil War.

HIST-A 307 American Cultural History (3 cr.) P: HIST-H 105 or HIST-H 106 or consent of instructor. Major themes in American cultural life since the Civil War. Focus on the cultural expressions of immigrants, racial minorities, religious groups, social classes, women, artists, and professional groups in response to changing conditions.

HIST-A 310 Survey of American Indians I (3 cr.) The Native American experience from the pre-Columbian period through the American Civil War. Course will focus on Native American cultural patterns, and the Native American response to French, British, and American Indian policies.

HIST-A 311 Survey of American Indians II (3 cr.) Native American/white relations from Civil War through the 1990s. Focus on Native American attempts to defend their homelands in American West, establishment of Indian reservations in the late nineteenth century, impact of U.S. government policies, urbanization of Native Americans in the twentieth century.

HIST-A 313 Origins of Modern America (3 cr.) P: One 100-level history course or consent of instructor. U.S. political, social, economic, and cultural history from 1865

to 1919. Reconstruction, the Gilded Age, the Progressive Era, World War I.

HIST-A 314 Recent United States History I (3 cr.)

P: One 100-level history course or consent of instructor. 1919-1945: The twenties, the Great Depression and New Deal, World War II.

HIST-A 315 Recent United States History II (3 cr.)

P: One 100-level history course or consent of instructor. 1945-present: Cold War, Vietnam War, problems of contemporary America.

HIST-A 317 American Social History, 1865-Present (3 cr.)

P: One 100-level history course or consent of instructor. Changing living conditions, values, concerns in post-Civil War United States as influenced by rise of the city and seen in experiences of rural-urban migrants, ethnic groups, industrial workers, women, blacks. Focus on situations faced by ordinary people, and how present tensions have roots in the past.

HIST-A 339 History of the South I (3 cr.) P: HIST-H

105 or consent of instructor. Examination of the major themes and issues in the history of the southern United States, from the first European settlement to the Civil War. Motivations for settlement, white-Indian interaction, the rise of slavery, the American Revolution in the South, southern identity, the coming and impact of the Civil War. The course will also introduce students to competing interpretations of the Old South and the methods by which historians construct historical arguments and interpretations.

HIST-A 345 American Diplomatic History I (3 cr.)

P: HIST-H 105 and HIST-H 106 or consent of instructor. American diplomacy from 1775 to 1823; diplomacy of American continental expansion to 1898.

HIST-A 346 American Diplomatic History II (3 cr.)

P: One 100-level history course or consent of instructor. America as a world power. Involvement in world affairs after 1898; diplomacy of World Wars I and II; Cold War and background of contemporary foreign policy issues.

HIST-A 347 American Urban History (3 cr.) P: One 100-

level history course or consent of instructor. Evolution of cities and urban life in the United States from the colonial times to the present. Rise of cities, creation of modern urban districts (ghettos, suburbia); city planning; political and economic power structures; ethnic and race relations; law and order.

HIST-A 348 Civil War and Reconstruction (3 cr.) The origins, course, and consequences of the American Civil War.

HIST-A 355 African-American History I (3 cr.) P: One

100-level history course or consent of instructor. History of blacks in the United States. Slavery, abolitionism, the Civil War; Reconstruction, post-Reconstruction to 1900.

HIST-A 356 African-American History II (3 cr.) P: One

100-level history course or consent of instructor. History of blacks in the United States. 1900 to present; the Great Migration; NAACP, Harlem Renaissance, postwar civil rights movement; affirmative action.

HIST-A 363 Survey of Indiana History (3 cr.) P: One

100-level history course or consent of instructor. A survey of Indiana history and culture from the original

inhabitants to recent times with emphasis on the growth of a distinctive Hoosier culture. Examination of Hoosier culture within the context of small-town America and mid-America, with attention to journalism and education.

HIST-A 381 Civil Rights Era in the U.S. (3 cr.) P: One 100-level history course or consent of instructor. Examination of race and racial protest after 1941. A look at several organizations, key social battles, individual leaders and the struggle to end racial segregation and exclusion in education, politics, public accommodations, the workplace and housing.

HIST-B 309 Britain before 1688 (3 cr.) Development of Britain and its institutions from the Bronze Age to the Glorious Revolution, with emphasis on Celtic Britain, the Norman Conquest, the rise of Parliament, the Tudor era, and the turbulent seventeenth century.

HIST-B 312 History of the European City in the Modern Era (3 cr.) This course examines the history of European cities in the Modern Era, with a focus on competition between social classes and the impact of economic change on cities. We begin by examining the transition from the early Modern to the Modern city, examining the changes that created revolutionary Paris. The impact of the industrial revolution on European cities is also discussed. Cities are examined as sites of social conflict - whether in the form of contestation from below, in the form of revolution, or efforts to control the population from above - through urban planning, reform, and policing. Different efforts to re-imagine cities as places devoid of social conflict are compared. We dwell in particular on the Modernist model which became particularly widespread after the Second World War, in connection with the postwar economic boom. The Cold War also left its mark on the European urban landscape: urban planning problems and strategies in various Eastern Bloc states are considered, as is the divided city of Berlin. Finally, we end on a contemporary case of social conflict in the European city: the place of migrant workers and immigrants in their host societies.

HIST-B 356 French Revolution and Napoleon (3 cr.) Crisis of Old Regime; middle class and popular revolt; from constitutional monarchy to Jacobin commonwealth; the Reign of Terror and revolutionary government; expansion of revolution in Europe; rise and fall of Napoleonic empire.

HIST-B 359 Europe, 1789-1848 (3 cr.) European history between 1789 and 1848, including the French Revolution; Napoleon; the Industrial Revolution; conservatism, liberalism, socialism and nationalism; and the 1848 revolution.

HIST-B 360 Europe, 1848-1914 (3 cr.) European history between 1848 and 1914, including the unification of Italy and Germany; struggles for democracy and social welfare, populism, and imperialism; anticlericalism; the emergence of mass consumption; nationalist rivalries; and the background to World War I.

HIST-B 361 Europe in the Twentieth Century, 1914-1945 (3 cr.) European history from 1914 up to 1945 including World War I and its aftermath; the cultural history of the 1920s and 1930s; economic turmoil; political

developments in Western Europe; the rise of extremism; World War II.

HIST-B 362 Europe in the Twentieth Century, since 1945 (3 cr.) European history from 1945 to present, including the aftermath of World War II; the Cold War in Europe, the postwar economic boom; the emergence of leftist movements; European integration; the end of the Cold War; the impact of immigration and the expansion of the European Union.

HIST-B 377 History of Germany Since 1648 I (3 cr.) Political, economic, and cultural states of Germany between 1648 and 1871; growth of the absolutist Hapsburg and Hohenzollern dynasties; economic and cultural development under absolutism; impact of the French Revolution; struggles between reaction and liberalism; and unification.

HIST-B 378 History of Germany Since 1648 II (3 cr.) The beginnings of the new imperial German state, industrialization; imperialism; international friction; internal political conflicts; World War I; the Weimar Republic; the Third Reich; the two Germanies in the Cold War; reunification and its aftermath.

HIST-D 308 Empire of the Tsars (3 cr.) Political, religious, intellectual, economic, and diplomatic development of Russia as a European and Asian state from the reign of Alexander I to World War I. Emphasis on cultural history and conflict between established and revolutionary views.

HIST-D 310 Russian Revolutions and the Soviet Regime (3 cr.) Russia on the eve of World War I; revolutions that have swept Russia; principal developments in government, economy, cultural and social life, and international policy under the Communist regime; expansion and contraction of Russian and Communist power; collapse of the Soviet Union.

HIST-D 330 Eastern Europe 1944-present (3 cr.) Diplomatic, political, social, and cultural development of Eastern European societies between the end of World War II in Europe to the expansion of the European Union.

HIST-E 100 Introduction to African History (3 cr.) Survey of selected historical issues and problems. Topics will vary from semester to semester, but will be broad subjects that cut across fields, regions, and periods.

HIST-F 100 Issues in Latin American History: Introduction (3 cr.) The coming together of the three races in the New World; the construction of a social, political, and economic order; the resilience and/or fragility of the social, political, and economic order in modern times.

HIST-F 216 History of Slaves in the Americas (3 cr.) Slavery in the New World is explored by comparing its forms in North America and in the Caribbean and South America. Special attention is paid to the mechanisms by which slaves were held in slavery, and the adaptation and accommodations that were made by both masters and slaves.

HIST-F 232 Upheaval in 20th-Century Latin America (3 cr.) An examination of major breaks in the continuities of Latin American history, revolutions both on the right and on the left, as well as the great popular uprising in Mexico

with which such folk heroes as Pancho Villa and Emiliano Zapata are associated.

HIST-F 341 Latin America: Conquest and Empire (3 cr.) The construction of this new world; Spanish, Indian, and African backgrounds; discovery, conquest, and settlement; the political, economic, and social structure of colonial Latin America.

HIST-F 342 Latin America: Evolution and Revolution (3 cr.) The construction of nation-state foreign relations; ethnic and racial diversities, city-country balances; role of religion; sources of political authority; immigrant populations; role of elites; popular movements.

HIST-G 100 Introduction to Asian History (3 cr.) Study and analysis of selected historical issues and problems in Asian societies; especially important are their political institutions, economic development, ideological and religious foundations, and social changes.

HIST-G 200 Issues in Asian History (3 cr.) Study and analysis of selected historical issues and problems of importance in Asian societies, such as China and Japan. Topics will vary from semester to semester. May be repeated once for credit.

HIST-G 300 Issues in Asian History (3 cr.) Study and analysis of selected historical issues and problems of limited scope. Topics will vary but usually cut across fields, regions, and period. May be repeated once for credit.

HIST-G 385 Modern China (3 cr.) Study and analysis of selected historical issues and problems of limited scope. Topics will vary but usually cut across fields, regions, and period.

HIST-G 387 Contemporary China (3 cr.) Focusing on the People's Republic of China, this course will illustrate the triumphs and failures of the communist regime, investigate the causes, and explain the direction that China is taking. The course will also cover Chinese society in Hong Kong and Taiwan.

HIST-H 101 The World in the Twentieth Century (3 cr.) Principal world developments in the twentieth century, stressing Latin America, Africa, Asia, and Europe; global and regional problems; political revolutions; social and cultural diversity.

HIST-H 103 Europe: Renaissance to Napoleon (3 cr.) Major developments in European thought during Renaissance, Reformation, the scientific revolution, and Enlightenment; traditional politics, economy, and society and their transformation by enlightened despotism, the French Revolution, and Napoleon.

HIST-H 104 Europe: Napoleon to the Present (3 cr.) The development of European society from the downfall of Napoleon in 1815 to the present; the impact of the industrial revolution; the rise of the middle class; liberalism, Marxism, and mass politics; nationalism and imperialism; international communism and fascism.

HIST-H 105 American History: General Course I (3 cr.) P: One 100-level history course or consent of instructor. Evolution of American society: political, economic social structure; racial and ethnic groups, sex roles; Indian, inter-American, and world diplomacy of United States; the evolution of ideology, war, territorial expansion, industrialization, urbanization, international events and

their impact on American history. I. English colonization through the Civil War. II. 1865 to present.

HIST-H 106 American History: General Course II (3 cr.) Evolution of American society: political, economic social structure; racial and ethnic groups, sex roles; Indian, inter-American, and world diplomacy of United States; the evolution of ideology, war, territorial expansion, industrialization, urbanization, international events and their impact on American history. I. English colonization through the Civil War. II. 1865 to present.

HIST-H 201 Russian Civilization I (3 cr.) From the earliest times to Peter the Great. Christianization of the Russian people, Kievan Rus; the Mongol conquest; the Grand Dukes of Muscovy; Ivan the Terrible; Time of Troubles; Romanov dynasty.

HIST-H 202 Russian Civilization II (3 cr.) From Peter the Great to the present era. Peter the Great, Catherine the Great, Russian expansion; emancipation of the serfs; Westernization; industrialization; Russian revolutions; Stalin; Cold War; collapse of the Soviet Union.

HIST-H 205 Ancient Civilization (3 cr.) Political, cultural, and economic development of ancient Near East, Greece, and Rome from the Bronze Age to the end of the Classical Period.

HIST-H 206 Medieval Civilization (3 cr.) European institutions and social and intellectual history from late Roman Empire to the Renaissance. Greco-Roman legacy, Christian institutions, Byzantine and Islamic influences, town revival and trade, rise of universities, emergence of national states and literatures.

HIST-H 207 Modern East Asian Civilization (3 cr.) Focus on China, Japan, and Korea in the twentieth century. Explores the history of each individual country and the experiences shared by all three. Traditional values challenged by modernism, interactions with the West, domestic strife.

HIST-H 208 American-East Asian Relations (3 cr.) Describes and analyzes the mutual interaction of the American countries and the major countries of East Asia - China, Japan, Korea, and Vietnam - during the 19th and 20th centuries. Emphasis on cultural interrelations and changing images.

HIST-H 214 Comparative Women's History (3 cr.) An examination and comparison of the history of women in different regions of the world, addressing universal issues and issues specific to regions. The course traces the social, economic, and political roles of women from the premodern past to the transformations of the twentieth century. Topics include work, home, education, sexual patterns, and gender relations.

HIST-H 218 History of Motion Pictures (3 cr.) History of English-language films from the silent era to the modern period. Attention is paid to directors and producers, actors and dialogue, and to the evolution of film technology.

HIST-H 220 American Military History (3 cr.) P: HIST-H 105, HIST-H 106. From the settlement of colonies to present. European background, colonial militia, Indian fighting. Principal foreign wars and their strategies. Technological changes and the effect of the military on

American society. The army is emphasized, with some attention to the navy, marines, and air force.

HIST-H 222 Renaissance and Reformation Europe (3 cr.) Society and civilization in the fifteenth and sixteenth centuries. Transition from medieval to modern life in political and economic behavior, high and popular culture, theology and religion, discoveries and expansion, occult and scientific worldviews.

HIST-H 225 Special Topics in History (1-3 cr.)
P: Permission of instructor. Study and analysis of selected historical issues and problems of general import. Topics will vary from semester to semester, but will usually be broad subjects that cut across fields, regions, and periods. May be repeated once for credit.

HIST-H 226 Origins and History of the Cold War (3 cr.)
Study and analysis of the ideological, historical, and geopolitical factors underlying the Cold War. Special focus on the former Soviet Union and Red China under Mao Zedong, as well as the breakup of the Soviet Union and the lingering effects of the Cold War on the contemporary world.

HIST-H 231 Women, Men and Family in History (3 cr.)
The course will examine changes in relationships within the family and the changing role of the family in society. Changes in gender roles will be highlighted. Among the topics to be discussed are courtship, marriage, inheritance, child-bearing, child labor, the origins of family limitation and birth control, and the effects of other institutions on the family. This course can be authorized for a variable course title so that different regions of the world can be specified, such as: "Women, Men and Family History: Latin America," or "Women, Men and Family in History: Asia."

HIST-H 233 Sports in History (3 cr.) Examines the historical conditions in which sports have developed from ancient to contemporary times, with particular emphasis on modern American society and sport.

HIST-H 236 The Historian's Craft (3 cr.) P: Permission of instructor. To be taken within a year of student's declaring a history major. Introduction to the skills and methodology of analysis, research, writing, and oral communication within the discipline of history.

HIST-H 373 History of Science and Technology (3 cr.)
Survey of the intellectual and institutional development of science and technology in the United States from colonial times to 1865, with special emphasis on the relationship between science and technology, the role of technology in early American economic growth, and the inevitability and desirability of technological change.

HIST-H 407 Oral History (3 cr.) A survey of theory, methods, and applications of oral history, including research, interview preparation and execution, legal and ethical issues, and transcription and preservation of interviews. Emphasis will be placed on persons and topics relevant to local and regional history.

HIST-H 408 Independent Study in Community History (1-3 cr.) P: One 100-level history course or consent of instructor. Students have the opportunity to develop and execute original research projects involving topics in community history, with particular emphasis on the regional campus service area. Projects must reflect

sound conceptual and contextual grounding, including awareness of appropriate secondary literature, and incorporate primary research in local and regional archival repositories. Appropriate incorporation of oral history is encouraged. Both individual and group projects are permissible.

HIST-H 411 Historical Editing (3 cr.) P: 6 credit hours in history or consent of instructor. Study and analysis of historical writing; editing documents and visual material; process of publishing historical works.

HIST-H 412 Historic Preservation (3 cr.) History of building and decorating techniques; study of politics and economics of historic preservation; processes of renovating or restoring historic buildings; techniques of adaptive reuse of historic buildings.

HIST-H 425 Topics in History (1-3 cr.) P: Permission of instructor. Intensive study and analysis of selected historical issues and problems of limited scope. Topics will vary but will usually cut across fields, regions, and periods. May be repeated once for credit.

HIST-G 457 Nationalism in Japan and China (3 cr.)
P: One Asian history course at the 100 level or consent of instructor. This course traces the emergence of nationalism in China and Japan in the context of their struggle for modernization, follows their development from the late nineteenth century through the twentieth century, and analyzes its contemporary political culture.

HIST-J 495 Proseminar for History Majors (3 cr.)
P: Permission of instructor. Selected topics of history.

HIST-K 495 Readings in History (1-3 cr.) P: Permission of instructor. Selected topics. May be repeated up to a maximum of 6 credit hours when topics vary.

HIST-W 101 World Civilizations to 1500 (3 cr.) Presents the key individuals, events and schools of thought, which have most greatly impacted societal development and world history up to 1500. The target civilizations of study include Asia, the Middle East, Western Europe, Africa, and the Americas. Discusses the political, economic, social and cultural evolution of human civilization.

HIST-W 300 Issues in World History (3 cr.) In-depth study and analysis of selected historical issues and problems of importance in world history. Topics will vary from semester to semester. May be repeated once for credit, up to 6 units.

HIST-G 451 The Far East 1 (3 cr.) Social, cultural, political, and economic development from ancient to modern times, including China, Japan, Korea, Indo-China, Burma, Thailand, Indonesia, and the Philippines.

HIST-A 321 History of American Thought I (3 cr.) Major themes in American intellectual history, including systems of ideas such as Puritanism, natural rights philosophy, transcendentalism, Social Darwinism, and Pragmatism, and particular concepts such as vision of New World, myth of West, and liberal versus conservative interpretations of American experience.

HIST-A 337 American Frontier I (3 cr.) I. The Turner thesis: frontier and American character. America as frontier of Europe and Africa, 1500-1720. The frontier-rural mode of American life, 1720-1860: public domain, population growth, migration. II. The trans-Mississippi

West. Frontier in literature and music. Miners, cowboys, Indians, settlers. The Hispanic West. The West becomes metropolitan.

HIST-A 338 American Frontier II (3 cr.) I. The Turner thesis: frontier and American character. America as frontier of Europe and Africa, 1500-1720. The frontier-rural mode of American life, 1720-1860: public domain, population growth, migration. II. The trans-Mississippi West. Frontier in literature and music. Miners, cowboys, Indians, settlers. The Hispanic West. The West becomes metropolitan.

HIST-A 353 American Economic History I (3 cr.) The historical evolution of a fragmented, essentially agricultural economy in the 17th century to the threshold of industrial domination by the mid-19th century.

HIST-A 361 Studies in American History for Teachers I (3 cr.)

HIST-B 351 Western Europe in The Early Middle Ages (3 cr.) Evolution of European civilization from the fall of Rome, development of Christianity and Germanic invasions through Charlemagne's Empire and the subsequent development of feudalism, manorialism, papacy, and Romanesque architecture. Repeatable up to 6 units.

HIST-D 410 Russian Revolutions and Soviet Regime (3 cr.)

HIST-H 199 Careers for History Majors (1 cr.) The major objective of the course is to offer students the opportunity to consider career opportunities with an undergraduate degree in history. Some of the topics to be considered in the course include the nature and acquisition of skills with a history major; the resources within the history department, offices across campus, and in the community available to students to gain skills and learn about job prospects; and the value of and procedures for developing a career plan and attaining a job.

HIST-H 228 The Vietnam War (3 cr.) Vietnamese history and culture, French colonization, nationalism, WWII. War with France 1946-1954, U.S. involvement, Geneva Accords, U.S. support to Diem government. Increased U.S. commitment, Cold War dynamics, American political responses, U.S. withdrawal, fall of the South. International repercussions, war veterans, media portrayal.

HIST-H 309 Tudor England (3 cr.) Political, social, economic, and cultural development in England, 1485-1601.

HIST-W 102 World Civilizations 1500 To Present (3 cr.) Presents the key individuals, events and schools of thought, which have most greatly impacted societal development and world history from 1500 to the present. The target civilizations of study include Asia, the Middle East, Western Europe, Africa, and the Americas. Discusses the political, economic, social and cultural evolution of human civilization.

HIST-B 300 ISS IN WESTERN EUROPEAN HIST (3 cr.) Study and analysis of selected historical issues and problems across more than one period of western European history. Topics vary but usually cut across fields, and religions and periods.

HIST-G 587 Contemporary China (3 cr.) Survey of contemporary Chinese history focusing on social, cultural and political life in the People's Republic of China. Events covered include the Mao Era, the Cultural Revolution and the Tiananmen Square protests of 1989, as well as the Reform Era since Mao's death.

HIST-H 501 Historical Methodology (4 cr.) Discussion and application of the various methods and strategies used in historical research.

HIST-H 511 Special Topics in U.S. History (3 cr.) Intensive study and analysis of selected topics in United States history. Topics will vary from semester to semester. Repeatable up to 99 units.

HIST-H 521 Special Topics in African, Asian, or Latin American History (3 cr.) Intensive study and analysis of selected topics in African, Asian, or Latin American history. Topics will vary from semester to semester, e.g. traditional Asia, modern Asia, Latin American intellectual history. Repeatable up to 6 units.

HIST-T 540 The Long Nineteenth Century, 1800-1917 (3 cr.) This course tracks U.S. history between the early nineteenth century and American participation in the First World War. Students will articulate their understanding of scholarly books, articles, and original records and will review two books, write short response papers, and craft a historiographical essay on a topic of their choosing.

HIST-G 452 The Far East 2 (3 cr.)

HIST-H 113 History of Western Civilization 1 (3 cr.) Ancient civilization, Germanic Europe, feudalism, medieval church, national monarchies, Renaissance.

HIST-H 114 History of Western Civilization 2 (3 cr.) Rise and fall of ancient civilizations; barbarian invasions; rise, flowering, and disruption of medieval Church; feudalism; national monarchies, Industrial Revolution, capitalism and socialist movements; nationalism, imperialism, international rivalries, wars.

Journalism (JOUR)

JOUR-C 200 Introduction to Mass Communication (3 cr.) Survey of the functions, responsibilities, and influences of the various media of mass communication. Directed toward the consumer and critic of mass media.

JOUR-C 327 Writing for Mass Media - The Horizon (3 cr.) P: JOUR-J 200; may be waived with instructor approval. Work as a staff member on the campus student news organization. Reporting and writing, headline writing, desktop publishing, photography, online journalism, and advertising sales. Repeatable up to 6 credit hours.

JOUR-J 170 Wordsmithing (2 cr.) Workshop on the mechanics of journalistic writing and editing. The course builds on the basics, focuses on the practical and strengthens confidence as a practitioner.

JOUR-J 200 Reporting, Writing, and Editing I (3 cr.) Working seminar stressing the creation of journalistic stories for diverse audiences. Students will learn to develop story ideas, gather information, combine visual and verbal messages, and write and edit news.

JOUR-J 210 Visual Communication (3 cr.) Theories of visual communication including human perception

and principles of design. Application of those theories to photography, computer graphics, photo editing, and page design in news communication.

JOUR-J 261 Studies in Journalism (1-4 cr.) Topical course dealing with changing subjects and material. Topics may change from term to term.

JOUR-J 280 Seminar in Journalism Ethics (3 cr.) Examines the ethical dilemmas that confront today's journalists and provides a framework for decision making.

JOUR-J 300 Communications Law (3 cr.) History and philosophy of laws pertaining to the free press and free speech. Censorship, libel, contempt, obscenity, right of privacy, copyright, government regulations, and business law affecting media operations. Stresses responsibilities and freedoms in a democratic communications systems.

JOUR-J 301 Social Media Strategies (3 cr.) Examines theories and current trends in social media's effect on modern society. Topics also include focus on personal and professional communication strategies using social media.

JOUR-J 303 Online Journalism (3 cr.) P: JOUR-J 200; may be waived with instructor approval. Explore nonlinear methods of storytelling and how web-based tools can enhance journalism written and online work. In addition to building existing skills, students use photography and embedded audio to create story packages.

JOUR-J 307 Media Career Planning (1 cr.) Prepare for job or internship searches. Polish your resume or portfolio. Learn how to write cover letters and practice interviewing skills. Understand how to articulate your abilities and experiences to market yourself to potential employers. Prepare a career action plan.

JOUR-J 320 Principles of Creative Advertising (3 cr.) Analysis of strategy employed in developing creative advertising, with emphasis on the role of the copywriter. Research, media, legal aspects, ethical standards as they apply to the copywriting functions. Place of the creative function within the advertising agency and the retail business.

JOUR-J 321 Principles of Public Relations (3 cr.) Survey course about theory and practice of public relations. Examines PR function within organizations, its impact on public, and role in society. Topics include the evolution of the field, the range of roles and responsibilities that practitioners assume, ethics, and significant issues and trends.

JOUR-J 340 Public Relations Tactics and Techniques (3 cr.) P: JOUR-J 321. Covers a wide variety of knowledge and skills needed by entry-level public relations practitioners. Topics include media relations, community relations and internal communications.

JOUR-J 344 Photojournalism Reporting (3 cr.) This is an intermediate photojournalism course focusing on the basics of light, camera operation, and the use of the digital darkroom. It includes instruction in spot news and feature photography as well as instruction in ethics, privacy, and law.

JOUR-J 349 Public Relations Writing (3 cr.) P: JOUR-J 200; may be waived with instructor approval. Develop the professional writing skills expected of beginning public relations practitioners, including different approaches

required for a variety of audiences and media. Focus on the basics of good writing as well as the art of writing. Brush up on AP style. Learn how to work effectively with clients.

JOUR-J 362 Journalism Multimedia Storytelling (3 cr.) P: JOUR-J 200; may be waived with instructor approval. Hands-on experiences in reporting, editing and presenting stories in images, sound and spoken word. Goes beyond basic skills with advanced cameras and software. Create projects including Podcast, Audio slideshow, web video, and Portfolio website to display projects.

JOUR-J 384 Videojournalism (3 cr.) Students will learn shooting, editing, producing, and distributing high-quality videojournalism.

JOUR-J 385 Television News (3 cr.) P: JOUR-J 200; may be waived with instructor approval. Work as a staff member on the campus student news organization. Preparation and presentation of news for television. Practice in writing, reporting and editing news for TV.

JOUR-J 425 Supervision of School Media (3 cr.) Lectures and discussion on designing, producing, and financing school newspapers and yearbooks. Practical exercises in journalistic writing, editing, layout, and photography

JOUR-J 429 Public Relations Campaigns (3 cr.) P: JOUR-J 321; may be waived with instructor approval. How to develop a campaign proposal to meet a client's business objectives and how to pitch it. Part of the course focuses on media relations and crisis communications training.

JOUR-J 485 Senior Seminar in Journalism (3 cr.) P: Senior standing. Topical seminar dealing with changing subjects and material on relevant issues in journalism and mass communications; research paper usually required.

JOUR-J 499 Honors Research in Journalism (1-4 cr.) P: Authorization required. To be taken in conjunction with advanced courses to meet requirements for the Journalism Honors Program. Course is repeatable up to 4 credit hours.

JOUR-J 354 Photo Journalism Editing (3 cr.) Workshop in the principles of combining visual and verbal material with emphasis on news judgment, fairness, accuracy, editorial balance, and language usage. Practice in cropping, layout, design, writing headlines and captions, and computer editing technology.

JOUR-J 360 Journalism Specialties (1-4 cr.) Topical course dealing with changing subjects and material from term to term. Repeatable up to 12 units.

Political Science (POLS)

POLS-Y 103 Introduction to American Politics (3 cr.) Introduction to the nature of government and the dynamics of American politics. Origin and nature of the American federal system, its political party base, public policy, and law.

POLS-Y 105 Introduction to Political Theory (3 cr.) Perennial problems of political philosophy, including relationships between rulers and ruled, nature of authority,

social conflict, law and morality, economic issues, and democracy.

POLS-Y 107 Introduction to Comparative Politics (3 cr.) Examines countries around the world to investigate fundamental questions about politics. Topics include democratic development, promotion of economic prosperity, maintenance of security, and management of ethnic and religious conflict. Critical thinking skills encouraged. Cases for comparison include advanced industrialized democracies, communist and former communist countries, and developing countries.

POLS-Y 109 Introduction to International Relations (3 cr.) Causes of war, nature and attributes of the state, imperialism, international law, national sovereignty, arbitration, adjudication, international organizations, major international issues.

POLS-Y 200 Contemporary Political Problems (1-6 cr.) Topics vary from semester to semester and are listed in the Schedule of Classes. May be repeated once for credit, up to maximum of 12 units.

POLS-Y 301 Political Parties and Interest Groups (3 cr.) Examination and evaluation of the behavior of political parties, voters, and interest groups and of other institutions and procedures by which Americans try to control their government.

POLS-Y 302 Public Bureaucracy in Modern Society (3 cr.) Examines public bureaucracy as a political phenomenon engaging in policy making and in defining the terms of policy issues; places special emphasis on the United States. Considers the role of bureaucratic instruments in promoting social change, and in responding to it.

POLS-Y 303 Formation of Public Policy in the United States (3 cr.) R: POLS-Y 103. Processes and institutions involved in the formation of public policy in American society.

POLS-Y 304 Constitutional Law (3 cr.) R: POLS-Y 103. Nature and function of law and the American court system; selected Supreme Court decisions interpreting American constitutional system.

POLS-Y 305 Constitutional Rights and Liberties (3 cr.) R: POLS-Y 103. Nature and function of law and the American court system; selected Supreme Court decisions interpreting the American constitutional system.

POLS-Y 306 State Politics in the United States (3 cr.) Comparative study of politics in the American states. Special emphasis on the impact of political culture, party systems, legislatures, and bureaucracies on public policies.

POLS-Y 319 The United States Congress (3 cr.) Evaluation and development of the contemporary Congress. Examines such topics as electoral process, organizational structures and procedures of the Senate and House of Representatives, involvement of Congress with other policy-making centers, law-making and oversight activities of the national legislature.

POLS-Y 324 Women and Politics (3 cr.) Analysis of gender and sexual orientation in contemporary political systems, domestic or foreign, with emphasis on political roles, participation, and public policy. Normative or

empirical examination of how political systems affect different genders and the impact of people with different genders or sexual orientations on the system(s). Topics vary by semester.

POLS-Y 335 West European Politics (3 cr.) R: POLS-Y 107 Examines different political systems in Europe. Highlights democratic alternatives in institutions and processes of liberal democracies.

POLS-Y 337 Latin American Politics (3 cr.) R: POLS-Y 107 and POLS-Y 109. Analysis of political change in major Latin American countries, emphasizing alternative explanations of national development; brief historical overview with examination of the impact of political culture, the military, labor, political parties, peasant movements, the Catholic Church, multinational corporations, and the United States on politics and the study of public policy processes in democratic and authoritarian regimes.

POLS-Y 349 Comparative Public Policy (3 cr.) R: POLS-Y 107 Investigates public policies and policy making among advanced industrial democracies from a comparative perspective. Usually covers policy areas such as immigration, health care, education, and taxation.

POLS-Y 351 Political Simulations (1-3 cr.) P: Permission of instructor. A course tied to simulations of international organizations such as the United Nations, the League of Arab States, or the European Union. May be taken alone or in conjunction with related political science courses. Repeatable for credit up to 3 units.

POLS-Y 354 Nationalism in Europe (3 cr.) R: POLS-Y 107 and/or POLS-Y 109. Examines the politics surrounding ethnicity, ethnic minorities, and nationalism in Europe. Covers both indigenous and immigrant groups.

POLS-Y 360 United States Foreign Policy (3 cr.) R: POLS-Y 103 and POLS-Y 109. Analysis of institutions and processes involved in the formation and implementation of American foreign policy. Emphasis is on post-World War II policies.

POLS-Y 369 Introduction to East Asian Politics (3 cr.) R: POLS-Y 107. This course examines the political diversity in Asia, a region of growing global importance, by exploring governing structures and processes, political culture and ideologies, and the forces shaping them. Case studies may include China, Japan, Korea, Vietnam, and India.

POLS-Y 376 International Political Economy (3 cr.) R: ECON-E 200 and POLS-Y 107 or POLS-Y 109. Study of how the international political system determines the nature of international economic relations. Focus is on the following: (1) trade and monetary regimes, (2) the role of multinational corporations; (3) global action, (4) relations between wealthy countries, and (5) relations between wealthy and poor countries.

POLS-Y 379 Ethics and Public Policy (3 cr.) This course examines the ethical responsibilities of public officials in democratic societies. It explores such topics as the meaning of moral leadership, the appeal to personal conscience in public decision making, and the problem of "dirty hands" among others. A special concern is how institutional arrangements affect moral choices.

POLS-Y 384 Developments in American Political Thought (3 cr.) R: POLS-Y 105. Study of the development of American political thought from colonial times to the contemporary period. This course will explore such topics as the nature and evolution of American liberalism, capitalism, and egalitarianism.

POLS-Y 387 Research Methods in Political Science (3 cr.) This course focuses on basic concepts of social science research. Students will become familiar with research techniques necessary for systematic analysis of social service systems, trends in social issues, and program effectiveness. This course must be taken from an IU Southeast faculty member.

POLS-Y 392 Problems of Contemporary Political Philosophy (3 cr.) R: POLS-Y 105. This course will provide the opportunity for an in-depth study of some particularly important questions in contemporary political philosophy. In the process of examining contemporary literature, such as communicationism, we will shed light on questions like - has political philosophy gone silent on the critical events of our times? Repeatable for credit up to 6 units.

POLS-Y 401 Studies in Political Science (2-3 cr.) Topic varies with the instructor and year. Consult the Schedule of Classes for current information. Repeatable for credit up to 6 units.

POLS-Y 402 Politics of the Budgetary Process (3 cr.) R: POLS-Y 302. Examines the interactions among the legislative, executive, and administrative aspects of the budgetary process in national, state, and local governments. Emphasis placed on the politics of the budgetary process.

POLS-Y 403 Legal Issues in Public Bureaucracy (3 cr.) R: POLS-Y 302. Study of the legal framework of public bureaucracies, their powers, functions, and roles. Analyzes relevant cases in which basic principles are identified and synthesized along with other elements of public law.

POLS-Y 404 Political Issues in Public Personnel Administration (3 cr.) R: POLS-Y 302. Examines the political framework in which public agencies hire, train, motivate, promote, and discipline their employees. Also examines the historical legal development of public personnel management.

POLS-Y 471 Terrorism (3 cr.) This course will focus on the problems in defining terrorism; the causes of terrorism; the nature of terrorist organizations (resources, structure, methods, goals); the media and terrorism; and policies and policy responses to terrorism. The course will focus on both domestic (within the United States) and international case studies of terrorism.

POLS-Y 480 Undergraduate Readings in Political Science (1-6 cr.) P: Written consent of Instructor. Individual readings and research. Repeatable for credit up to 6 units.

POLS-Y 481 Field Experience in Political Science (1-6 cr.) P: Junior or senior standing, 15 credit hours of political science, and project approved by instructor. Faculty-directed study of aspects of the political process based on field experience. Directed readings, field research, and research papers. Certain internship

experiences may require research skills. Repeatable for credit up to 6 units.

POLS-Y 490 Senior Seminar in Political Science (3 cr.) P: Senior standing, POLS-Y 103, and POLS-Y 389. Research paper required. Seminar sessions arranged to present papers for evaluation and criticism by fellow students. Subject matter varies by semester. Repeatable for credit up to 6 units.

POLS-Y 498 Honors Readings in Political Science (1-6 cr.) P: Authorization of Instructor. To be taken in conjunction with advanced political science courses to meet the requirement of Political Science Honors Program. Repeatable for credit up to 6 units.

POLS-Y 499 Reading for Honors (1-12 cr.) P: Approval of instructor. Individual readings and research for students admitted to the Political Science Honors Program. Repeatable for credit up to 12 units.

pols-y 106 The Game of Politics (3 cr.) This course will introduce students to the study of politics through the use of historical role playing games. Two to three games from the Reacting to the Past program will be played each semester. Students in a game will be assigned roles and game objectives: they will need to think strategically, form alliances with other students, and articulate their positions persuasively in order to achieve their goals.

POLS-Y 205 Analyzing Politics (3 cr.) Introduces the approaches and techniques used to study politics. Includes an introduction to social science language, concepts and critical research skills. Overview of political science research and approaches, including case study, surveys, and model-building. Emphasizes skills such as interpreting the presentation of data in charts, graphs, and tables, and elementary analysis of qualitative and quantitative data.

POLS-Y 388 Marxist Theory (3 cr.) Origin, content, and development of Marxist system of thought, with particular reference to philosophical and political aspects of Russian Marxism.

POLS-Y 317 Voting, Election and Public Opinion (3 cr.) Determinants of voting behavior in elections. The nature of public opinion on major domestic and foreign policy issues; development of political ideology; other influences on the voting choices of individuals and the outcomes of elections; relationships among public opinion, elections, and the development of public policy.

POLS-Y 567 Public Opinion: Approaches & Issues (3 cr.) This course is an exploration of the role, application, and measurement of public opinion. Special attention is given to measurement of opinion as it impacts decision-making by both the public and various elements of societal leadership.

POLS-Y 675 Political Philosophy (3 cr.) Illustrative topics: analysis of political concepts; political theory of the Enlightenment; 19th-century political thought; welfare state; theory and practice; Marxist theory.

Psychology (PSY)

PSY-B 310 Life-Span Development (3 cr.) P: 3 credit hours in psychology. This course emphasizes the life span perspective of physical and motor, intellectual and

cognitive, language, social and personality, and sexual development. Commonalities across the life span as well as differences among the various segments of the life span are examined. Theory, research, and practical applications are equally stressed.

PSY-B 354 Adult Development and Aging (3 cr.) P: 6 credit hours in Psychology. The course content examines changes that occur with age in the following areas: intelligence, memory, personality, sexuality, health, living environments, economics, developmental disorders, and treatment for developmental disorders.

PSY-B 366 Concepts and Applications of Organizational Psychology (3 cr.) P: 3 credit hours in psychology or consent of instructor. The study and application of psychological principles to understand human behavior in the work setting. Emphasis on the role of psychological theory and research methodology in solving human behavior problems in the workplace. Specific areas of coverage include work motivation, job satisfaction, employee involvement, communication, leadership, team effectiveness, work and well-being, organizational structure and culture.

PSY-B 378 Introduction to Industrial Psychology (3 cr.) P: 3 credit hours in psychology or consent of instructor. The design and application of psychological analysis and research methods to address personnel issues including recruitment, selection, placement, training and development, compensation, evaluation, and safety. Emphasis on interviewing skills, research methods, performance analysis and improvement, ergonomic solutions, and legal issues.

PSY-B 386 Introduction to Counseling (3 cr.) P: PSY-P 324 This course will help students acquire a repertoire of basic counseling interview skills and strategies and expose students to specific helping techniques. This will be an activity based course and students will enhance the general education goals of listening and problem solving.

PSY-B 388 Human Sexuality (3 cr.) P: 6 credit hours in Psychology. A survey of human sexuality to increase knowledge and comfort regarding sexuality in a variety of aspects, i.e. sexual behavior and response, influences of culture and environmental factors, psychological issues, disability effects on sexuality, sexual research, anatomy and physiology.

PSY-B 452 Senior Seminar in Psychology (3 cr.) P: Senior status, completion of PSY-P250/P251 or PSY-P341/P342, and consent of instructor. Topics in psychology and interdisciplinary applications. Repeatable for credit up to 12 units, provided different topics are studied.

PSY-P 101 Introduction to Psychology 1 (3 cr.) Introduction to research methods, data, and theoretical interpretation of psychology in the areas of learning, sensation and perception, and behavioral neuroscience.

PSY-P 102 Introduction to Psychology 2 (3 cr.) Continuation of P101. Developmental, social, personality, and abnormal psychology.

PSY-P 199 Planning Your Psychology Career (1 cr.) P: 6 credit hours in Psychology. Intended for Psychology majors only. Where do you want to be 10 years from now? How can you get there? Information for

undergraduate majors to help them intelligently organize their undergraduate studies. Information about what psychologists do, professional and practical issues in career choice, course selection, intern/research experience, and planning a course of study.

PSY-P 220 Introduction to Drugs and Behavior (3 cr.) Introductory discussion of basic human neuroanatomy and the influence of drugs on the brain and behavior. The study of social and clinical aspects of drug use is covered.

PSY-P 234 Principles of Mental Health (3 cr.) P: 3 credit hours of psychology. Development and maintenance of mental health by application of psychological and psychiatric principles of normal human behavior.

PSY-P 301 Psychology and Human Problems (3 cr.) P: Junior standing. Contemporary human problems considered from a psychological perspective. Representative topics include stress, creativity, environmental impact, behavior control, volunteerism, and drug usage.

PSY-P 303 Health Psychology (3 cr.) P: 6 credit hours in psychology. Focuses on the role of psychological factors in health and illness. Through readings, lecture, and discussion, students will become better consumers of research on behavior-health interactions and develop a broad base of knowledge concerning how behaviors and other psychological factors can impact health both positively and negatively.

PSY-P 305 Psychology and Cultures (3 cr.) P: 6 credit hours in Psychology; or consent of instructor. Methods and findings of cross-cultural psychology. Sensitization to cross-cultural and sub-cultural variations and the impact of culture in understanding human behavior. Cultural competence development.

PSY-P 316 Psychology of Childhood and Adolescence (3 cr.) P: 6 credit hours of Psychology. Development of behavior in infancy, childhood, and youth; factors that influence behavior.

PSY-P 319 Psychology of Personality (3 cr.) P: 6 credit hours in psychology. R: PSY-P 102. Methods and results of scientific study of personality. Basic concepts of personality traits and their measurement; developmental influences; problems of integration.

PSY-P 320 Social Psychology (3 cr.) P: 6 credit hours in Psychology. Principles of scientific psychology applied to the individual in a social situation.

PSY-P 321 Group Dynamics (3 cr.) P: 6 credit hours in psychology. Exposes the student to interpersonal processes inherent in group settings. Topics may include group psychotherapy, social factors in groups, group decision making or group violence. Particular focus of course may vary with instructor.

PSY-P 322 Psychology in the Courtroom (3 cr.) P: 6 credit hours in Psychology. This course considers the psychological aspects of roles and interactions in the courtroom. Topics include definitions of "sanity" and "competency," eyewitness testimony, jury selection, psychological autopsies, and the psychologist as "expert witness."

PSY-P 324 Abnormal Psychology (3 cr.) P: 6 credit hours in psychology. R: PSY-P 102. A first course in

adult abnormal psychology; including forms of abnormal behavior, etiology, development, interpretations, and final manifestations.

PSY-P 325 Psychology of Learning (3 cr.) P: 6 credit hours in psychology. Facts and principles of human and animal learning, especially as treated in theories that provide a general framework for understanding what learning is and how it takes place.

PSY-P 326 Behavioral Neuroscience (3 cr.) P: 6 credit hours in Psychology. R: BIOL-L 100, BIOL-L 105, or AHLT-M 330. An examination of the cellular bases of behavior, emphasizing contemporary views and approaches to the study of the nervous system. Neural structure, function, and organization are considered in relation to sensory and motor function, motivation, learning, and other basic behaviors.

PSY-P 329 Sensation and Perception (3 cr.) P: 6 credit hours in psychology. R: BIOL-L 100, BIOL-L 105, or AHLT-M 330. Basic data, theories, psychophysics, illusions, and other topics fundamental to understanding sensory and perceptual processes.

PSY-P 335 Cognitive Psychology (3 cr.) P: 6 credit hours in psychology. Introduction to human cognitive processes, including attention and perception, memory, psycholinguistics, problem solving, and thinking.

PSY-P 336 Psychological Tests and Individual Differences (3 cr.) P: PSY-P 250 or PSY-P 341. Principles of psychological testing. Representative tests and their uses for evaluation and prediction. Emphasis on concepts of reliability, validity, standardization, norms, and item analysis.

PSY-P 340 Sleep and Dreams (3 cr.) P: PSY-P 101. This course is designed to provide you with an essential understanding of sleep and dreams, and their importance in our daily lives. Course content includes theories of sleep and dreams, the biological basis of sleep and dreams, biological rhythms, the relationship between sleep and daytime alertness and performance, sleep requirements, sleep deprivation, sleep disorders, the role of sleep and dreams in mental/physical health, the relationship between sleep and both cognitive and emotional functioning, dream content and meaning, dreaming and creativity, lucid dreaming, and the impact of sleep deprivation and sleep disorders on academic and social life.

PSY-P 341 Research and Quantitative Methods in Psychology I (3 cr.) P: 6 credit hours in Psychology; and MATH-M 101 or higher, or math placement into MATH-M 118 or higher. Course is designed to enable students to become both a user and an informed consumer of basic statistical techniques used in psychological research. Students will also learn to design and critique the methodology of psychological research. Preparation of research proposals/reports using statistical analysis and knowledge of research methods is required. This course is the first semester of a two-semester course and must be taken the semester before taking P 342. Should be taken prior to enrolling in other 300- and 400-level psychology courses.

PSY-P 342 Research and Quantitative Methods in Psychology II (3 cr.) P: PSY-P341. Course is a

continuation of P 341 that includes statistical analysis, research methods, and proposal/report writing used in psychological research. This course is the second half of a two-semester course and must be taken the semester after P 341. Should be taken before enrolling in other 300- and 400-level psychology courses.

PSY-P 346 Neuroscience (3 cr.) P: 6 credit hours of Psychology. A survey of contemporary neuroscience, examining the neural basis of behavior with approaches including molecular, cellular, developmental, cognitive, and behavioral neuroscience. Sensory and motor function, learning and memory, and other behaviors are considered using anatomical, physiological, behavioral, biochemical, and genetic approaches, providing a balanced view of neuroscience.

PSY-P 354 Statistical Analysis in Psychology (3 cr.) P: PSY-P101, PSY-P102, or 6 credit hours in Psychology, and either MATH-K300, PSY-P250/P251, or PSY-P341/P342. Use of statistics in psychological work, including multivariate statistical methods. Understanding of statistics as they are presented in the psychological literature. Use of computer statistical software package to analyze psychological data.

PSY-P 363 Psychology in the Schools (3 cr.) P: 6 credit hours in Psychology. This course is an introduction to the field of School Psychology. It focuses on the history of the profession and examines the role and function of school psychologists. Introduced early in the semester, theory (behavior theory and social learning theory) and multicultural diversity permeate all course activities and discussion. The course also provides an overview of the organization and operations of schools, and topics include the role of special education, ethical and legal issues, and school psychologists as data-based problem-solvers.

PSY-P 380 Ethical Issues in Psychology (3 cr.) P: 6 credit hours in psychology. This course introduces students to methods of ethical reasoning, as well as ethical principles and laws that arise in the practice of psychology in academic, research, and clinical settings.

PSY-P 407 Drugs and the Nervous System (3 cr.) P: PSY-P 326. Introduction to the major psychoactive drugs and how they act upon the brain to influence behavior. Discussion of the role of drugs as therapeutic agents for various clinical disorders and as probes to provide insight into brain function.

PSY-P 408 Brain and Cognition (3 cr.) P: PSY-P 326. Discussion of the brain systems involved in cognition and perception. Emphasis upon understanding the anatomy and function of cerebral cortex. Consideration of neural models of brain function.

PSY-P 411 Neural Bases of Learning and Memory (3 cr.) P: PSY-P 326. This course will survey the major work in the field of the neurobiology of memory, approaching the subject from anatomical, physiological, and neurochemical perspectives. Topics covered will include animal models of memory that have proven useful in this research, as well as what has been learned from humans with brain damage and from brain-imaging studies. The facts and fiction of memory-enhancing drugs will also be discussed.

PSY-P 417 Animal Behavior (3 cr.) P: 6 credit hours in Psychology. Methods, findings, and interpretations of recent investigations of animal behavior.

PSY-P 425 Behavioral Disorders of Childhood and Adolescence (3 cr.) P: PSY-P 324. A survey of major behavior disorders, with emphasis on empirical research and clinical description relative to etiology, assessment, prognosis, and treatment.

PSY-P 430 Behavior Modification (3 cr.) P: 6 credit hours in Psychology. Principles, techniques, and applications of behavior modification, including reinforcement, aversive conditioning, observational learning, desensitization, self-control, and modification of cognitions.

PSY-P 438 Language and Cognition (3 cr.) P: PSY-P 335. This course surveys the major themes that characterize psycholinguistics. Emphasizes the mental processes that underlie ordinary language use, the tacit knowledge that native English speakers have of their language, and the processes by which children acquire language.

PSY-P 440 Topics in Cognitive Psychology (3 cr.) P: PSY-P 335. Seminar courses in current areas of research in cognitive psychology. Specific topic determined by instructor offering the course.

PSY-P 442 Infant Development (3 cr.) P: 6 hours in Psychology. Surveys cognitive, socioemotional, and perceptual-motor development during the first two years of life. Emphasis is on theory and research addressing fundamental questions about the developmental process, especially the biological bases for developmental change.

PSY-P 454 Field Experience in International Psychology (3 cr.) P: 6 credit hours in Psychology. Examines clinical psychology from a multi-national perspective using applied research methodology. In addition to attending lectures and contributing to a research lab, students will be required to participate in a travel abroad component for this course.

PSY-P 457 Topics in Psychology (1-3 cr.) P: Junior or senior standing or consent of instructor. Studies in special topics not usually covered in other department courses. Topics vary with instructor and semester. Repeatable for credit up to 6 units, if topics differ.

PSY-P 459 History and Systems of Psychology (3 cr.) P: PSY-P 101 and PSY-P 102, or 6 credit hours in Psychology; and 6 additional credit hours in psychology. Historical background and critical evaluation of major theoretical systems of modern psychology: structuralism, functionalism, associationism, behaviorism, Gestalt psychology, and psychoanalysis. Methodological problems of theory construction and system making. Emphasizes integration of recent trends.

PSY-P 460 Women: A Psychological Perspective (3 cr.) P: 6 credit hours in psychology. Focus is on a wide range of psychological issues of importance to women (e.g., gender stereotypes, women and work, the victimization of women, etc).

PSY-P 477 Applied Research in Psychology (1-6 cr.) P: PSY-P 250 or P341 or consent of instructor. This course will provide an in depth investigation of research

methods and their associated statistical procedures. Special emphasis is placed upon the translation of research findings to applied settings. The topic to be investigated will vary. May be repeated for up to 6 credit hours.

PSY-P 493 Supervised Research I (0-3 cr.) P: PSY-P 250/P251 or PSY-P 341/342 or consent of the instructor. Active participation in research. An independent experiment of modest magnitude, or participation in ongoing research in a single laboratory. Repeatable for credit up to 6 units.

PSY-P 494 Supervised Research II (2 cr.) P: PSY-P 493. A continuation of P493. Course will include a journal report of the 2 semesters of work. Repeatable for credit up to 6 units.

PSY-P 495 Readings and Research in Psychology (1-3 cr.) P: Consent of instructor. S/F grading. Repeatable for credit up to 9 units.

PSY-P 488 Environmental Psychology and Sustainable Living (3 cr.) Environmental psychology is an interdisciplinary field concerned with how the physical environment and human behavior interrelate. Most of the course focuses on how our environments in both urban and natural settings affect human health and well-being. Students also examine how human attitudes and behaviors affect environmental quality and our larger global ecosystem.

PSY-P 351 Psychobiology, Self, and Society (3 cr.) P: 3 credit hours in Psychology. The physiological and neural bases of selected behavioral processes (for example, hunger, thirst, sleep, addiction, aggression, sex) will be examined as a means of understanding individual behavior and then in relation to larger, related issues of ethics, law, and societal organization.

PSY-G 563 Foundations of Mental Health Counseling (3 cr.) This course explores the foundations and contextual dimensions of mental health counseling. Course material will include theoretical underpinnings of mental health counseling, the counselor's role in diagnosis and intervention selection, and the contemporary trends in mental health counseling.

PSY-P 502 Developmental Psychology (3 cr.) An advanced introduction to the theory and experimental analysis of ontogenetic processes. Special emphasis on human development.

PSY-P 503 Complex Cognitive Processes (3 cr.) A survey of topics in human information processing including attention, short-term storage, long-term retention, retrieval from memory, concept attainment, problem solving, speech perception, and psycholinguistics.

PSY-P 505 Physiological Psychology (3 cr.) Intensive introduction to physiological psychology, with special emphasis on its relation to other areas of psychology.

PSY-P 511 Seminar in Professional Skills, Legal Issues and Ethics (3 cr.) This course provides a critical analysis of professional issues and the ethical and legal standards in the practice of psychology. Traditional and emerging practice areas will be discussed. Topics such as professional codes of ethics, legal restrictions, licensure, prescription drug privileges, managed care, and treatment

efficacy research will be explored. Ethical standards and decision-making will be studied in the context of professional practice.

PSY-P 512 Seminar in Grant Writing (3 cr.) The overall objective for this course is to give you the tools to help you successfully compete for grant funds for organizations, schools, non-profit agencies, community service groups, and businesses.

PSY-P 540 Principles of Psychology Assessment and Predicting (3 cr.) Concepts of validity and reliability. Diagnostic devices viewed as bases for decisions. Classification. Comparison of methods of making predictions about individuals.

PSY-P 541 Methods of Survey Research (3-4 cr.) The course does not assume much prior statistical knowledge; it is designed to enable students to be both users and informed consumers of basic methodological and statistical techniques used in survey research. It covers sample selection, survey design, and analysis of survey data.

PSY-B 308 Family Psychology (3 cr.) Family psychology examines how family of origin experiences influence the development of the self. This course will provide students with a basic understanding of systems theory and the life cycle of families. The characteristics of healthy versus unhealthy family dynamics will be explored and an understanding of how family interactions shape individual development will be gained. Students will gain a fundamental understanding of current family therapy theories and techniques.

PSY-G 532 Group Counseling (3 cr.) This course explores the practical and theoretical concepts of group theories, dynamics, process, and stages of group counseling and integrates interpersonal communication styles, fundamental group strategies; group facilitation along with clinical training/skills building that will prepare future group leaders. Special attention is given on the use of group therapy with addictive/ substance-related disorders. This course incorporates laboratory experiences and students are required to explore interpersonal factors as they contribute to counseling skills and techniques. Current issues, controversies, and ethics in group counseling will be examined.

PSY-P 461 Human Memory (3 cr.) Research, theory and data on human memory and information-processing models of memory.

PSY-P 535 Introduction to Addictions Counseling (3 cr.) This course serves as an introduction to the field of counseling and human development services, with a special focus on addictions.

PSY-P 632 Introduction to Clinical Intervention (3 cr.) This course provides a systematic integration of theory, research, technique, and evaluation. Based on the available research literature, time-limited and structured interventions for specific clinical problems are designed, administered, and evaluated.

PSY-P 690 Practicum in Clinical Psychology (1 cr.) Community behavioral health clinical practicums.

PSY-P 736 Child Psychopathology (3 cr.)

PSY-P 624 Principles of Psychopathology (3 cr.) Description of the phenomena of psychopathology and principles associated with their classification.

Sociology (SOC)

SOC-R 318 The Self and Social Interaction (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. The course will examine the reciprocal link between the individual and society; more specifically, how individuals are affected by group behavior, and how the group is affected by the individual. Topics include: Socialization, the development of the self, social interaction, group dynamics, collective behavior and social movements.

SOC-R 319 Sport & Society (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Explores the institution of sport from a sociological point of view, including sports as an agent of socialization, sports in everyday life, race, class, and gender and sports, and sports as an institution.

SOC-R 320 Sexuality and Society (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Provides a basic conceptual scheme for dealing with human sexuality in a sociological manner.

SOC-R 322 Art & Society (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Explores the creation of art from a sociological point of view, including how artists and artworks are shaped by their societies, the art world as a social institution, and other key cultural institutions that shape artistic creation and reception.

SOC-R 326 Masculinity & Society (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Analysis of the meanings of masculinity. The major focus of the course is to examine how male gender roles impact the lives of men including: influences on men's behavior, identities and interactions with other men and women. Variations by social class, race/ethnicity, age and sexual orientation will be examined.

SOC-R 327 Sociology of Death & Dying (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. An analysis of historical, social and psychological forces influencing human mortality. Topics include: changing images of death and dying, technology's dehumanization of dying, hospices, funerals, grief, widowhood, children's death, suicide, genocide, and the social structure's influence on the death and dying process.

SOC-R 463 Inequality and Society (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Presentation of conservative, liberal, and radical theories of class formation, class consciousness, social mobility, and consequences of class membership. Emphasis on the American class system, with some attention given to class systems in other societies.

SOC-S 163 Social Problems (3 cr.) Major social problems in areas such as the family, religion, economic order; crime, mental disorders, civil rights; racial, ethnic, and international tensions. Relation to structure and values of larger society.

SOC-S 199 Careers in Sociology (1 cr.) This course provides information on what students can do with a sociology undergraduate major. The course will help students see their undergraduate coursework as part of

their path to graduate school, professional school, and careers of interest (with or without additional schooling). We will address professional and practical issues in career choice, course selection, internship and research experiences, and will help students plan a course of study, internships and activities to reach their goals.

SOC-S 203 Sociological Concepts and Perspectives (3 cr.) This course is designed to be a survey of important sociological concepts. Topics covered will include: the development of sociology and major theoretical perspectives; the scientific methods and sociological research; cultural, society and the social structure; the process of socialization and everyday interaction; groups dynamics and formal organizations; deviance and social control; an overview of several selected social institutions; collective behavior, social movements and the process of social change.

SOC-S 215 Social Change (3 cr.) Introduction to theoretical and empirical studies of social change. Explores issues such as modernization; rationalization; demographic, economic and religious causes of change; reform and revolution.

SOC-S 260 Intermediate Sociological Writing (3 cr.) P: SOC-S 163. C: SOC-S 381. Class restricted to sociology majors. Introduction to the analysis of social issues. Emphasis on the development of writing skills appropriate to the discipline. Approved by Arts and Sciences for use in fulfilling the writing requirement.

SOC-S 301 Topics in Gender (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Specific topics announced each semester; examples include gender in the media, religion and gender, gender and work, gender and health, gender and politics. May be repeated three times for credit with a different topic, up to 9 credits.

SOC-S 304 Global Issues in Gender (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. This course will provide a general introduction to social issues from around the world with a focus on gender.

SOC-S 305 Population and Human Ecology (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Population composition, fertility, mortality, natural increase, migration; history, growth, and change of populations; population theories and policies; techniques of manipulation and use of population data; the spatial organization of populations.

SOC-S 308 Global Society (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Multinational corporations, new information technologies, and international trade have made the world increasingly interdependent. This course considers how business, technology, disease, war, and other phenomena must be seen in global context as affecting national sovereignty, economic development and inequality in resources and power between countries.

SOC-S 309 The Community (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Sociological definitions of community; theories of community and community organization; social, political, and economic factors that contribute to community organization and disorganization; alternative models of community development and planning.

SOC-S 312 Education and Society (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology or consent of instructor. The role of educational institutions in modern industrialized societies, with emphasis on the functions of such institutions for the selection, socialization, and certification of individuals for adult social roles. Also covers recent educational reform movements and the implications of current social policies on education.

SOC-S 313 Religion and Society (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Considers the functions and dysfunctions of religion generally, its economic and cultural patterns, religious group evolutions (cults, churches, sects, denominations), leadership deviance, and conversion/faith maintenance.

SOC-S 314 Social Aspects of Health and Medicine (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Group characteristics in the causation, amelioration, and prevention of mental and physical illness, and the social influences in medical education, medical practice, and hospital administration.

SOC-S 315 Work and Occupations (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Sociological perspective on work roles within such organizations as factory, office, school, government, and welfare agencies; career and occupational mobility in work life; formal and informal organizations within work organizations; labor and management conflict and cooperation; problems of modern industrial workers; and how work has changed over time.

SOC-S 319 Science and Society (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology or consent of instructor. Issues such as development and structure of the scientific community; normative structure of science; cooperation, competition, and communication among scientists; scientists' productivity, careers, and rewards; development of scientific specialties; and relationship between science and society.

SOC-S 331 Sociology of Aging (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Social aspects of aging and older adulthood. Topics include myths about aging, the process of aging; sexual behavior, social behavior, social relationships, family relationships, religious activities, and leisure of the elderly.

SOC-S 335 Race and Ethnic Relations (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Relations between racial and ethnic minority and majority groups; psychological, cultural, and structural theories of prejudice and discrimination; comparative analysis of diverse systems of intergroup relations.

SOC-S 338 Sociology of Gender Roles (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Sociological perspectives on gender in contemporary societies. Examination of norms regarding gender and how these norms influence and are influenced by individual behavior, group interaction, and social institutions. Topics to be discussed may include family, education, work, media, and other social institutions.

SOC-S 344 Sociology of Childhood (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Defining Sociology of Childhood; Sociological Approaches to the Study of Children & Childhood; Ethical & Practical

Concerns Regarding Research with Children; Historical Overview of Childhood in U.S.; Meaning(s) and Dimensions of Children's Consumption; Changing Demographics of Childhood; Children and Immigration & Globalization; Social Policy Implications for Children & Childhood.

SOC-S 345 Food & Society (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. This course introduces students to recent literature, thoughts, and research on the role of food in human societies. We use historical and critical analyses to examine selected issues about food and society.

SOC-S 361 Cities and Suburbs (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Introduction to theory and research on the changing scale and complexity of social organization (urbanization), the quality of life in urban areas, demographic and ecological city growth patterns, and public policy concerns in contemporary urban society.

SOC-S 360 Topics in Social Policy (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Specific topics to be announced, e.g. environmental affairs, urban problems, poverty, population problems. May be repeated three times for credit with a different topic.

SOC-S 380 Introduction to Methods and Social Research I (3 cr.) P: SOC-S 163 and MATH-M 118 or MATH-A 118. This course introduces students to the various methods of research used in Sociology. Includes the logic of scientific inference, ethics, theory construction, and research design.

SOC-S 381 Introduction to Methods and Social Research II (3 cr.) P: SOC-S 163 and MATH-M 118 or MATH-A 118. This course integrates methods of research and statistical analysis.

SOC-S 398 Internship in Sociology (1-6 cr.) Students are placed in an organization or agency to receive experience in an applied sociology setting. Work is supervised by a sociology faculty member and the organization/agency. Research and written reports are required. Evaluations by the organization/agency and sociology faculty member. Repeatable up to 12 units.

SOC-S 403 Industry, Labor, and Community (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Organizations studied from a sociological perspective. Theories and typologies of organizations as well as research that tests them. Attention to social structures (formal and informal) of organizations, the participants (management, labor, and clients), organizational goals, effects of technology and the environment.

SOC-S 405 Selected Social Institutions (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. An examination of one or more institutional areas, e.g., religion, education, the military. Repeatable for credit up to 9 units with permission of instructor.

SOC-S 413 Gender and Society (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Explores several theories of sex inequality in order to understand the bases of female-male inequality in American society; examines the extent of sex inequality in several institutional sectors; and considers personal and institutional barriers

women face, including those resulting from socialization, discrimination, and other structural arrangements.

SOC-S 416 The Family (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. The family as a social institution, changing family folkways, the family in relation to development of personality of its members, disorganization of the family, and predicting success and failure in marriage.

SOC-S 419 Social Movements and Collective Action (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Change-oriented social and political collective action and consequences for groups and societies. Resource mobilization, historical and comparative analysis of contemporary movements and collective action.

SOC-S 431 Topics in Social Psychology (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology and SOC-S 203. Specific topics announced each semester, e.g., socialization, personality development, small group structures and processes, interpersonal relations, language and human behavior, attitude formation and change, violence and aggression. May be repeated three times for credit.

SOC-S 432 Small Group Processes (3 cr.) P: SOC-S 163 or 3 credit hours of introductory sociology. Behavioral, cultural, and emotional processes which take place as small groups form, develop, change, and dissolve. Introduction to the literature on the small group, including studies derived from group dynamics, psycho-analysis, and interactionism.

SOC-S 441 Topics in Social Theory (3 cr.) P: SOC-S 163 and SOC-S 203. Specific topics to be announced, e.g. structuralism, evolutionary theory, symbolic interaction theory, functionalism, social action theory, exchange theory, history and development of social theory, sociology of knowledge.

SOC-S 470 Senior Seminar (3 cr.) P: SOC-S 163, SOC-S 250, SOC-S 251. Class restricted to sociology majors with senior class standing. Capstone seminar in sociology; integrates knowledge on theory and practice from previous sociology course, with emphasis on historical, contemporary, and future issues in sociology.

SOC-S 495 Individual Readings/Research in Sociology (1-6 cr.) P: 6 credit hours in sociology and written consent of instructor. Individualized approach to selected topics through the use of guided readings, research and critical evaluation. Prior arrangement required; conducted under the supervision of a member of the sociology faculty. May be repeated when topics vary for up to a maximum of 6 total hours.

SOC-W 100 Gender Studies (3 cr.) Interdisciplinary approach to core discipline areas and to methodological and biographical tools required for research in women.

School of Public and Environmental Affairs (SPEA)

Faculty

IU Southeast prides itself on the quality of its faculty and programs and the way it serves the region. More than 180 full-time faculty members teach at IU Southeast, augmented by a cadre of adjunct professors. More than

85 percent of the full-time faculty hold doctoral degrees or the equivalent in their fields.

IU Southeast professors believe that being active scholars makes them better teachers. Students benefit from the faculty's dual commitment to good teaching and productive research, not only in the classroom but also in the opportunity to work directly with professors on research projects. Because of such research projects, a number of students have had the rare undergraduate opportunity to present their findings in scholarly papers or in journals on a national level. Not only do students benefit from close contact with professors but they also have access to sophisticated equipment and a range of learning opportunities that at many universities are reserved only for graduate students.

- Full-time Faculty
- Adjunct Faculty

Full-time Faculty

**Member of the Graduate Faculty*

- Abernethy, Michael L., M.A. (*University of North Texas, 1987*), Senior Lecturer in Communication
- *Abshire, Jean E., Ph.D. (*Indiana University, 1999*), Associate Professor of Political Science
- Accardi, Maria T., MLIS (*University of Pittsburgh, 2006*), Librarian
- *Adams, Kela O., P.E.D., Ed.D. (*Indiana University, 1970, 1980*), Professor Emerita of Physical Education and Education
- Albertson, Stephanie L., Ph.D. (*University of Delaware, 2012*), Assistant Professor of Criminal Justice
- *Allen, Anne E., Ph.D. (*Columbia University, 1993*), Professor of Fine Arts
- Allman, Ronald J., M.S. (*The University of Texas at Austin, 1994*), Associate Professor of Journalism
- *Alse, Janardhanan A., Ph.D. (*University of Wisconsin Milwaukee, 1993*), Professor of Economics
- Altmann, James L., Ph.D. (*University of Wisconsin, 1978*), Professor Emeritus of Economics and Business Administration
- *Ambrose, Timothy, Ph.D. (*University of Wisconsin Madison, 1980*), Associate Professor of Spanish
- *Anderson, Virginia S., Ph.D. (*The University of Texas at Austin, 1997*), Associate Professor of English
- Arano, Kathleen G., Ph.D. (*Mississippi State University, 2012*), Assistant Professor of Economics
- Arnold, Janet K., M.Ed. (*University of Louisville, 1979*), Lecturer in Mathematics
- *Asare, Benjamin, Ph.D. (*Temple University, 1987*), Professor of Sociology and International Studies
- *Atnip, Gilbert W., Ph.D. (*The Ohio State University, 1975*), Dean of Faculties Emeritus and Professor of Psychology Emeritus
- *Attum, Omar A., Ph.D. (*University of Louisville, 2004*), Assistant Professor of Biology
- Atwater, J. Brian, Ph.D. (*University of Georgia, 2011*), Assistant Professor of Management
- *Babb, Jacob, Ph.D. (*University of North Carolina, 2013*), Assistant Professor of English
- *Badia, Mindy S., Ph.D. (*Indiana University, 1996*), Associate Professor of Spanish and International Studies
- Baek, Tae Hyun, Ph.D. (*University of Georgia, 2011*), Assistant Professor of Speech
- *Bailey, Kevin Sue, Ed.D. (*Indiana University, 1981*), Professor of Education
- Baird, David, M.B.A. (*Northern Kentucky State College*), Lecturer in Business
- *Baker, Claude D., Ph.D. (*University of Louisville, 1972*), Professor Emeritus of Biology
- *Baker, Crump W., Ph.D. (*University of Kentucky, 1975*), Professor of Mathematics
- *Barney, Douglas K., Ph.D. (*University of Mississippi, 1993*), Professor of Business Administration
- *Barry, James, Ph.D. (*State University of New York at Stony Brook, 1988*), Professor of Philosophy
- Beard, Terri L., M.S. (*Indiana University, 1998*), Lecturer in Education
- Bhattacharya, Chhandashri, Ph.D. (*Calcutta University, 2010*), Lecturer in Chemistry
- Bingham, Jonathan E., A.M. (*Washington University, 1995*), Senior Lecturer in Business
- *Bjornson, Christian E., Ph.D. (*University of Illinois—Urbana, 1993*), Associate Professor of Business Administration
- *Bochan, Bohdan, Ph.D. (*University of Minnesota, 1977*), Professor Emeritus of German
- Bonacci, Kimberly M., M.S. (*Shippensburg University, 1988*), Senior Lecturer in Mathematics
- Book, Lisa, M.B.A., (*Indiana University, 1999*), Lecturer in Accounting
- *Bower, Stephanie, Ph.D. (*University of Wisconsin—Madison, 1971*), Professor Emerita of History and International Studies
- *Bowles, Donna N., R.N., Ed.D. (*Spalding University, 2000*), Professor of Nursing
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