

IU Northwest Bulletin 2024-26

The IU Northwest Academic Bulletin intends to reflect current academic policies, procedures, degree offerings, course descriptions, and other information pertinent to undergraduate and graduate study at IU Northwest and is updated every 2 years. Although this bulletin was prepared on the basis of the best information available at the time, and the information is updated regularly, users are cautioned about the following:

1. Editorial, clerical, and programming errors may have occurred in the publication of this bulletin, and IU Northwest assumes no responsibility for such errors.
2. The university reserves the right to change the provisions of this bulletin at any time, including, but not limited to, degree requirements, course offerings, fees, rules, policies, and listings in the calendar as necessitated by university or legislative action.
3. Students are encouraged to consult with their advisors for questions related to their degree plan or progress.

Overview

Indiana University

When you become a student at Indiana University, you join an academic community internationally known for the excellence and diversity of its programs. With well over 1,000 degree programs, the university attracts students from all 50 states and around the world.

Indiana University was founded at Bloomington in 1820 and is one of the oldest and largest institutions of higher education in the Midwest. It serves close to 100,000 students on eight campuses. The residential campus at Bloomington and the urban center at Indianapolis form the core of the university. Campuses in Gary, Fort Wayne, Kokomo, New Albany, Richmond, and South Bend join Bloomington and Indianapolis in bringing an education of high quality within reach of all of Indiana's citizens.

IU Northwest

Faculty

The IU Northwest resident faculty numbers 119. They are assisted in their teaching responsibilities by associate faculty drawn from neighboring academic institutions, area businesses, local government, and not-for-profit agencies.

All resident faculty at IU Northwest have academic appointments from Indiana University. Their conditions of employment, rank, salary, fringe benefits, teaching and research expectations, and promotion are the same as their colleagues in respective departments at all Indiana University campuses.

The faculty of IU Northwest has its own faculty governance body, based upon a constitution written from principles embodied in the *Indiana University Academic Policies*. Committees established by this faculty organization guide the conduct of the academic

program at IU Northwest in a tradition that encourages individual faculty members to recommend policy in all areas affecting their interests and those of their students.

Students

The student body at IU Northwest numbers more than 3000 persons working toward certificates and associate, bachelor's, and master's degrees. Of that number, close to 260 are enrolled in graduate studies.

The rich economic, cultural, and racial diversity of the northwest region of the state of Indiana is found on the campus. About 68 percent of the students reside in Lake County; 16 percent reside in Porter County; and 4 percent reside in Jasper, Newton, LaPorte, and Starke Counties. Students, therefore, come with family backgrounds in steel and related industries, government agencies, service industries, the professions, and farming. With respect to the rich cultural and racial composition of the region, approximately 45 percent of the students are Caucasian, 19 percent are African American, 28 percent are Latino, and 8 percent are other groups. We have been a designated Hispanic Serving Institution (HSI) since 2020. About 74% of our first year students and 64% of our seniors work full or part time while pursuing their education at the university. About 29% of the students enrolled at the campus are 25 years of age or older.

Alumni Engagement

The Alumni Engagement Office was established on the IU Northwest campus in 1967 when the IU Alumni Association staffed the local office with a field representative. There is now a full-time Alumni Engagement Director to serve the alumni and students of Indiana University Northwest.

History

IU Northwest is the result of growth and change that began in 1921 when the university offered its first formal classes in Lake County as part of a program sponsored by the Gary Public School System. Under various names and in various locations, Indiana University has been serving the needs of higher education in northwest Indiana ever since.

In 1932 Indiana University initiated the Calumet Center in East Chicago; and by 1939, through funds granted by the state legislature and the federal government, the Calumet Center was serving students in a building in Tod Park on a site donated by the City of East Chicago.

When Gary College was founded in 1933, Indiana University discontinued classes in Gary except for a few advanced courses. But in 1948, at the request of the Gary School Board, the university assumed the management of Gary College, which became the Gary Center of Indiana University. Gary Center classes were held after school hours and in the evenings at the Horace Mann High School until 1949, when all the main facilities of the center were moved to the commercial wing of the City Methodist Church, a move that allowed for a considerable expansion of the center's program. In 1955, with approval from the Gary Board of Park Commissioners, the Common Council of the city authorized the sale of 27 acres of Gleason Park to Indiana University for the purpose of establishing a Gary Center campus (the present site of IU Northwest).

In May of 1959, the first classes were held in the new location.

Recognizing the growth of such centers and the increasing demands for higher education throughout the state, Indiana University in 1963 reorganized its various "extension" centers into regional campuses, and the Gary Center and the Calumet Center became the Northwest Campus of Indiana University. Soon after this reorganization, the first degree programs were authorized, and the Northwest Campus became a four-year college. The first commencement was held at the Northwest Campus in June of 1967. In 1968, the IU Board of Trustees changed the name of the Northwest Campus to IU Northwest.

Facilities, Maps, and Directions

Campus and Buildings

The campus of IU Northwest in Gary is adjacent to 240 acres of wooded park land. The city of Gary has already given 32.8 acres of this park property to Indiana University for the campus. The Gleason Park site is bounded on the north by an interstate expressway (I 80-94), on the east by a major north-south artery (Broadway-Indiana 53), on the west by the Gleason Park Golf Course, and on the south by residential housing. The northeast and northwest corners of the 240-acre tract lie adjacent to expressway cloverleaf exchanges east and west.

Eight of the buildings used by IU Northwest are located on the 27-acre main campus site. The buildings are Raintree Hall, a classroom/office building and the Moraine student union building, which were put into operation in 1969; Hawthorn Hall, a four-story classroom/office building, which was occupied in 1976; and the John W. Anderson Library/Conference Center completed in the spring of 1980. A three-story science/laboratory building, Marram Hall, opened in 1991, and the Savannah Center, which houses an art gallery, auditorium, health club and bookstore, opened in 2000. In 2006, the University dedicated the Dunes Medical/Professional Building and in 2017, the University dedicated the new Arts and Sciences Building that houses two theatres, an art gallery, classrooms and faculty offices. Two other structures contain university offices, research offices, and campus support services. There are also a greenhouse and facilities and annex buildings.

Maps and Directions

IU Northwest is conveniently located in Gary, Indiana. We're easy to get to—just minutes from I-90, I-80/94, I-65, US-12, US-20, and SR-53.

The John W. Anderson Library

The John W. Anderson Library is the information hub of the IU Northwest campus.

The Library helps students with their research and information needs while providing space for individual and group study. The library has small study rooms that seats up to four people and two Student Collaborative Rooms for larger group collaboration.

Students can schedule one-on-one research consultations with a librarian to get help with things like:

- Selecting an initial topic for a research paper or other research assignments
- Evaluating and critiquing resources based on context
- Identifying fake news, misinformation, and how it spreads
- Citation help
- Creating short custom-made videos or webpages

Through the IU Northwest library, students have access to millions of resources from the other IU libraries. Books, journal articles and other resources from the Bloomington, Indianapolis, and other regional campus libraries can be quickly obtained for students and faculty.

The Calumet Regional Archives collects, preserves, and makes available records of local organizations and individuals that document the history of Indiana's Calumet Region (Lake and Porter Counties) for use by students, scholars, and the general public. There are more than 5,000 cubic feet of these documents, preserved for the education and enjoyment of future generations.

Mission

We are Indiana University in Northwest Indiana, a diverse body of faculty, staff, and students committed to inclusivity, academic excellence, and student success. We provide high-quality undergraduate and graduate education by engaging our communities and performing innovative research and creative activities. We offer the advantages of a large university while providing personalized attention within a supportive campus community.

Approved by IU Board of Trustees on June 16, 2022

Vision

We are the region's forward-thinking leader in higher education that collaborates to advance learning, personal and professional growth, economic development, social justice, inclusivity, equity, cultural enrichment, and a healthy, sustainable community.

Values

Student Success: We value growth, transformation, inspiration, and achievement to ensure all students have the opportunity to reach their highest potential in an environment conducive to learning.

Integrity: We value ethical principles and professional standards. We value authenticity, civility, and transparency in our communications, interactions, and operations.

Academic Excellence: We value excellence in teaching and learning, innovative research and creative activities, and the pursuit and application of knowledge as we engage and collaborate with our campus community, region, and beyond.

Community Engagement: We value working together across the region to enrich lives and promote a better future for the mutual benefit of all.

Diversity, Equity, and Inclusion: We value diversity in all its dimensions and the pursuit of equitable and socially just practices to promote an inclusive community in which

individuals are respected, supported, and learn from one another.

Accreditation

IU Northwest is accredited for its undergraduate and graduate programs by the Higher Learning Commission [30 North LaSalle Street, Suite 2400, Chicago, Illinois, 60602-2504, (800) 621-7440].

Academic Calendar

The current academic calendar can be found at Important Dates - Indiana University Northwest (northwest.iu.edu).

Contact Information

Indiana University Northwest
3400 Broadway
Gary, IN 46408
888-YOUR-IUN (888-968-7486)

Centers & Institutes

Center for Innovation and Scholarship in Teaching and Learning

The IU Northwest Center for Innovation and Scholarship in Teaching and Learning (CISTL) provides leadership, encouragement, and support for quality teaching and learning. CISTL's professional development activities, services, collaborations, and investigations are designed to invite, value, and reward faculty excellence in teaching.

CISTL is one of the eight teaching centers in the IU System and participates in a Centers' Network, which ties it very closely to the technological and pedagogical goals of the entire university.

In addition to promoting the scholarship of teaching and learning, CISTL contributes to the academic excellence goals of the campus by delivering high quality professional development activities,

Three major thrusts of the Center to improve teaching and learning are: instituting quality online course offerings taught by faculty who are professionally trained to design and deliver engaging, collaborative, and technologically appropriate learning experiences for their students; increasing active learning and collaborative classroom strategies; and effectively integrating technology into instruction.

The Center meets these goals through internal and external collaborations with Academic Affairs, the Faculty Organization and several of its committees, Instructional Technology, and the Faculty Academy on Excellence in Teaching (FACET).

Center for Urban and Regional Excellence

The Center for Urban and Regional Excellence (CURE) at Indiana University Northwest engages the University and the community in the creation of positive, sustainable and impactful programs and initiatives. CURE works collaboratively with organizations in all sectors to promote

continued learning, solution-based interaction and mutually-beneficial partnerships in our communities.

The center has three goals: These goals are 1) to facilitate the institutionalization of community engagement and engaged scholarship on the IU Northwest campus, 2) to provide the community with opportunities to engage with the university through focused community outreach and education, 3) to strengthen existing and increase future mutually beneficial community-university partnerships that result in authentic collaborative relationships.

CURE meets these goals by collaborating with external and internal partners in the design, implementation and evaluation of community-based research, teaching and service initiatives.

STEM Center

The STEM Center is a welcoming space for students to gather, study, and engage around science and technology. Students form study groups, access tutoring, and receive guidance on preparing for STEM-oriented careers. The STEM Center helps students connect to internships, peer mentoring, and leadership opportunities that prepare them for academic and career success in STEM fields. Additionally, it helps students connect to a variety of campus services including advising, counseling and mental health services, emergency grants, and the campus food pantry

Ivy Tech students use this space as their "STEM home base" on the shared IUN Campus. High school and transfer students visit our center to receive information and guidance about STEM programs and careers and as a "jumping off point" for on-campus STEM activities and tours.

Find support that makes a difference!

<https://northwest.iu.edu/stem-center/about/index.html>

Academic Programs

The academic programs at IU Northwest are housed in the College of Arts and Sciences, College of Health and Human Services, School of Business and Economics, School of Education, and School of the Arts.

Degree Programs include Associate Degrees, Certificate Programs, Bachelor's Degrees, and Master's Degrees. We also have some completely Online degree programs.

In addition Overseas Study Programs and Summer Sessions are available.

Associate Degrees

- A.S. Health Information Technology
- A.S. Radiography

Bachelor's Degrees

- B.A. African American and Diaspora Studies
- B.A. Anthropology
- B.A. Biochemistry
- B.A. Biology
- B.A. Chemistry
- B.A. Communication
- B.A. English

- B.A. Fine Arts
- B.A. French
- B.A. Geology
- B.A. History
- B.A. Mathematics
- B.A. Neuroscience
- B.A. Philosophy
- B.A. Political Science
- B.A. Psychology
- B.A. Sociology
- B.A. Spanish
- B.A. Theatre - currently not admitting students
- B.A./B.S./B.F.A. Computer Based Graphic Arts
- B.A.S. Bachelor of Applied Science
- B.F.A. Bachelor of Fine Arts
- B.G.S. Bachelor of General Studies
- B.S.W. Bachelor of Social Work
- B.S. Accounting/FIS
- B.S. Actuarial Science
- B.S. Biochemistry
- B.S. Biology
- B.S. Business Administration
- B.S. Chemistry
- B.S. Computer Information Systems
- B.S. Criminal Justice
- B.S. Dental Hygiene
- B.S. Elementary Education
- B.S. Environmental Science
- B.S. Forensic Science
- B.S. Geology
- B.S. Health Information Administration
- B.S. Health Services Management
- B.S. Informatics
- B.S. Mathematics
- B.S. Simulation/Modeling Analysis
- B.S. Neuroscience
- B.S. Nursing
- B.S. Psychology
- B.S. Public Affairs
- B.S. Radiologic Sciences
- B.S. Secondary Education

Transfer Articulation Pathways

If you have completed a TSAP associate degree from an Indiana two-year college (Ivy Tech or Vincennes), you are eligible to continue in the companion TSAP bachelor's degree program. While you are not required to do so, the TSAP program guarantees that you can finish your degree ON TIME within two years of full-time study. For more information contact the transfer specialist at 1-888-YOUR-IUN.

- B.A. Biology
- B.S. Biology
- B.A. in Chemistry
- B.S. Business Administration
- B.S. Criminal Justice
- B.S.W. Social Work
- B.S. Nursing (RN-BSN)
- B.S.E.D. Elementary Education

- B.S.E.D. Elementary Education - Special Education
- B.S.E.D. Secondary Education - Life Science
- B.S.E.D. Secondary Education - Math
- B.S. Informatics
- B.A. Psychology
- B.A. Sociology

Master's Degrees

- M.B.A. Master of Business Administration
- M.L.S. Master of Liberal Studies
- M.P.A. Master of Public Affairs
 - Concentrations:
 - Criminal Justice
 - Health Services Administration & and Social Change
 - Sustainability and Social Change
 - Leadership
- M.S. Computer Information Systems
- M.S. Educational Leadership
- M.S. Elementary Education
- M.S. Nursing
- M.S. Secondary Education
- M.S.W. Master of Social Work
 - Practices areas:
 - Health
 - Mental Health and Addictions
 - School Social Work

Certificate Programs

- Accounting (post-baccalaureate)
- Community Development and Urban Studies (post-baccalaureate)
- Computer Information Systems (post-baccalaureate)
- Composition Studies (graduate, online)
- Dental Assisting
- Management (graduate)
- Public Affairs
- Public Health
- Public Management (graduate)
- Public Safety
- Race-Ethnic Studies (post-baccalaureate)
- Sports Management
- Women's and Gender Studies

Online Degrees

Associate Degrees

- Associate of Science in Labor Studies

Bachelors Degrees

- Bachelors of Arts in History
- Bachelors of Applied Science
- Bachelors of Applied Health Science
- Bachelors of General Studies
- Bachelors of Science in Actuarial Science
- Bachelors of Science in Accounting
- Bachelors of Science in Applied Statistics
- Bachelors of Science in Business Administration
- Bachelors of Science in Computer Science
- Bachelors of Science in Data Science

- Bachelors of Science in Digital Media and Storytelling
- Bachelors of Science in French
- Bachelors of Science in Medical Imaging Technology
- Bachelors of Science in Health Information Administration
- Bachelors of Science in Informatics
- Bachelors of Science in Labor Studies
- Bachelors of Science in Nursing (RN-BSN)
- Bachelors of Science in Spanish
- Bachelors of Science in Sustainability

Certificates

- Certificate in Labor Studies
- Graduate Certificate in Biology
- Graduate Certificate in Chemistry
- Graduate Certificate in Communication Studies
- Graduate Certificate in Composition Studies
- Graduate Certificate in Computer Science
- Graduate Certificate in Criminal Justice Leadership and Management
- Graduate Certificate in District Level Administration in Urban Settings
- Graduate Certificate in History
- Graduate Certificate in Language and Literature
- Graduate Certificate in Literature
- Graduate Certificate in Mathematics
- Graduate Certificate in Political Science
- Graduate Certificate in Spanish

Masters Degrees

- Masters of Arts in English
- Masters of Liberal Studies
- Master of Arts in History
- Master of Arts in Political Science
- Master of Arts in Teaching - Mathematics
- Master of Arts in Teaching - Biology
- Master of Arts in Teaching- Chemistry
- Master of Arts in Teaching - Computer Science
- Master of Arts in Teaching - French
- Master of Arts in Teaching - Political Science
- Master of Arts in Teaching - History
- Master of Science in Criminal Justice and Public Safety
- Master of Science in Educational Technology for Learning
- Master of Science in Management
- Master of Science in Strategic Finance
- Master of Science in Teaching, Learning and Curriculum

Specialist

- Educational Leadership (Ed.S.)

Summer Sessions

In addition to the regular session, Indiana University Northwest regularly offers summer sessions. These sessions are for students who want to study on the graduate level, to supplement courses taken during the regular year, or to speed up the completion of university study. They also allow high school graduates to enter the university immediately and to continue their education

without interruption. Admission, orientation, and testing can thus be completed before the fall semester opens. Students admitted to the College of Health and Human Services may be required to enroll in summer session courses. These students should consult with their program directors for further information.

Overseas Study Programs

Indiana University Program

Credit earned in overseas study programs sponsored by Indiana University or participated in by Indiana University on a consortium basis is considered Indiana University credit, not transfer credit. Consequently, university scholarships and loans are applicable to fees for these programs. Credit usually satisfies Indiana University degree requirements and meets the senior residency requirement. Programs are not restricted to language majors. Indiana University's programs include academic year programs in Bologna (Italy), Canterbury (Britain), Hamburg (Germany), Jerusalem (Israel), Lima (Peru), Madrid (Spain), Nagoya (Japan), Paris (France), São Paulo (Brazil), Seoul (South Korea), Aix-en-Provence (France), and Zomba (Malawi); semester programs in Beijing (China), Belize, Hangzhou (China), Leiden (Netherlands), St. Petersburg (Russia), Ljubljana (Slovenia), London (Britain), Maastricht (Netherlands), Moscow (Russia), Rennes (France), Rome (Italy), Rotterdam (Netherlands), Seville (Spain), and Singapore; summer programs in Costa Rica, Dijon (France), Florence (Italy), Graz (Austria), Guanajuato (Mexico), St. Petersburg (Russia), Quebec (Canada), Salamanca (Spain), and Mexico City (Mexico).

Other Study-Abroad Programs

Overseas study programs sponsored by institutions and organizations other than Indiana University are of varying quality. University policy on the acceptability of transfer credit from such programs is as follows:

- Transfer credit will be granted in accordance with usual Indiana University policy for credit earned in programs administered by a regionally accredited U.S. college or university or by a foreign institution that is recognized by the Ministry of Education of the country as a university-level institution.
- Transfer credit will similarly be granted for university-level course work completed at institutions or agencies that have been officially evaluated by Indiana University.
- Transfer credits may in certain cases be granted for university-level course work completed at nonaccredited overseas institutions and agencies that have not been evaluated by Indiana University but for which an academic record with grades is issued, but the maximum quantity will be 1 Indiana University credit hour for each 2 credit hours (or the equivalent) appearing on the transcript of the institution or agency. In many cases, despite the issuance of a transcript, no transcript credit will be granted.
- No credit will be granted for work completed in programs for which no grades or transcripts are issued.

Other Policies

- In all transfer cases, the quantity of credit awarded by Indiana University will never exceed the number of credit hours that can be earned at an Indiana University campus in the same amount of time.
- Many courses completed in study abroad programs fall into a sequential pattern among Indiana University departmental offerings. In all cases where sequential-type courses are involved, the respective academic departments may at their discretion require examinations before any transfer is granted.
- In order to avoid misunderstanding, students who plan to participate in overseas study programs that are not sponsored by Indiana University are strongly urged to consult their major departments or schools before making any commitment.
- None of the preceding affects in any way the procedures for establishing credit by examination outlined in this bulletin.

For further information, contact the campus international programs coordinator in the Department of Modern Languages.

Admissions

- The Office of Admissions is one of several offices on campus for prospective students to begin learning about the university.
- Students may secure admissions applications, academic brochures, and other information about admissions and enrollment.
- Prospective students may talk with an admissions counselor and be given a tour of the campus, which can provide students the opportunity to meet with professors in their area of interest.
- Application Priority Dates:
 - Fall Semester: July 1
 - Spring Semester: December 1
 - Summer Session I: April 1
 - Summer Session II: June 1

Office of Admissions
IU Northwest
Hawthorn Hall 100
3400 Broadway
Gary, IN 46408-1197
(219) 980-6991

Contact the Office of Admissions (admit.iu.edu) for additional contact information.

Early Start Program Admission

Qualified high school seniors and juniors may be given permission to enroll in appropriate on-campus freshman courses while completing their high school courses. Students may qualify for early admission under the following conditions:

1. Junior or senior class status in high school
2. 3.0 or higher cumulative GPA out of a 4.0 scale in high school classes completed
3. Possess a positive recommendation from high school principal (or designee)
4. Consent from parent or guardian

Visit www.northwest.iu.edu/high-school-students for more information.

Dual Credit/Concurrent Enrollment/Advance College Project

IU Northwest has partnered with many high schools in northwest Indiana to offer dual credit/concurrent enrollment programs. These programs offer high schools juniors and seniors an opportunity to earn college credit, potentially completing an Indiana College Core certificate or a Next Level Programs of Study pathway, when enrolled in designated high school courses. For more information, contact your high school guidance counselor or <https://northwest.iu.edu/admissions/high-school-students/index.html>.

Undergraduate Admissions

Application Process for Freshman Students

Each freshman applicant must submit the following:

1. The completed undergraduate admission application (online application preferred)
2. An official high school transcript plus official college transcripts if dual credit has been earned with a C or better from a non-IU campus.
3. Current high school seniors have the option to submit SAT and/or ACT test scores.
4. A \$15 application fee if applying through the Comon App (or 21st Century Scholar or SAT/ACT fee waiver if applicable)
5. AP Credit by examination scores, if applicable
6. Criminal Activity Disclosure statement, if applicable
7. Joint Services Transcript, JST or Community College of the Air Force, CCAF, if veteran (for credit granting purpose only)

IU Northwest supports the State of Indiana Core 40 curriculum. Indiana residents graduating from high school in 2011 or thereafter must complete Core 40 to satisfy the minimum requirement for admission. Out-of-state applicants are expected to complete an equivalent college preparation curriculum. Students not completing Core 40 can prove they are prepared to succeed in college coursework by successfully completing at least twelve credit hours of college-level courses with at least a "C" average or at least the equivalent in each course and applying to IU Northwest as a transfer student.

Indiana University has adopted the following admissions policies to insure that undergraduate students are prepared for university work. Applicants for admission to Indiana University will be expected to meet the following criteria.

Persons applying for admissions to degree programs should have graduated from a state-accredited high school and completed, before they matriculate, the following 40 credits:

1. Eight credits of English, including a balance of literature, composition and speech.
2. Six credits of social studies, including U.S. history, world history/civilization, economics, U.S. government

3. Six credits of math including four credits of algebra and two credits of geometry or an equivalent six credits of integrated algebra and geometry
4. Six credits of laboratory science, including biology, chemistry or physics, or integrated chemistry-physics
5. Five credits in some combination of world languages, fine arts or career-technical
6. Two credits of physical education and one credit of health
7. Six elective credits which are recommended to be of college-preparatory nature

If the requirements of an out-of-state applicant's high school diploma preclude satisfying these course requirements, then alternate college-preparatory courses may be substituted where necessary.

Applicants are expected to have at least a cumulative GPA of 2.0 on a 4.0 scale, rank in the top half of their class (if applicable).

Students without a high school diploma may submit a GED/TASC certificate showing an average score of at least 50 (before January 1, 2003), 500 (after January 1, 2003 and before January 1, 2014) or 500 on each subject section (effective January 1, 2014).

Transfer Students

Each transfer applicant must submit the following:

1. The completed undergraduate admission application (online application preferred)
2. Official transcripts from every college/university attended.
3. Official high school transcript if less than 26 hours of college level has been successfully completed with a "C" or better
4. AP Credit by examination scores, if applicable
5. A \$15 application fee if applying through the Common App only
6. Criminal Activity Disclosure statement, if applicable
7. Joint Services Transcript, JST or Community College of the Air Force, CCAF, if veteran (for credit granting purpose only)

Applicants for admission as a transfer student must be in good standing with their previous college(s) and have a cumulative GPA of at least a 2.0 on a 4.0 scale.

Transfer applicants must request and submit official transcripts from ALL regionally accredited colleges/universities attended. IU Northwest accepts electronic transcripts directly from the institution or through secure transcript agencies such as the National Student Clearinghouse. IU credit will not be given at a future date for credit previously earned from a school that is not listed at the time of application.

IU Northwest accepts credit from regionally accredited institutions for college-level courses in which the student has received a grade of C or better. Institutional test credit and courses graded pass/fail or credit/no credit without an associated grade are not transferable. In general, there is no time limit for transferability of credit; however, some departments have established time limitations for transferring specific courses due to their nature. The initial equivalency of credit is processed by the Office

of Admissions, based on the Indiana Core Transfer Library, articulation agreements, or previously determined equivalencies by the faculty. A student has the right to appeal the initial conversion of credit by contacting the department faculty chair and providing additional proof of equivalency, such as syllabus, course content and textbook information.

A list of courses that will transfer among Indiana public college and university campuses can be found at Indiana Core Transfer Library, <https://transferin.net/earned-credits/core-transfer-library/>

Transfer Articulation Pathways (TSAPs)

Completion of an eligible AS or AA degree at Ivy Tech or Vincennes University may put you on a Single Articulation Pathway to a BA or BS at IU Northwest. You can follow a single articulation pathway from an Indiana community college to a corresponding degree here, at IU Northwest, without a loss of credit hours. The undergraduate degrees include: biology, business administration, chemistry, criminal justice, nursing, social work, elementary education, informatics, psychology, sociology, and secondary education (math and science).

Visiting Students

Visiting applicants do not intend to seek a degree at IU Northwest (or any Indiana University campus) but want to earn academic credits at IU Northwest for a limited period of time, usually one semester, to transfer to their home institution. *These students are not eligible for financial aid.*

Each applicant must submit the following:

1. The completed admission application (online application preferred)
2. An official college/university transcript showing good standing with a "C" or better or a letter from the school indicating good academic standing; GED or high school transcript showing average or above average achievement
3. A \$15 application fee if applying through the Common App only
4. Criminal Activity Disclosure statement, if applicable

Adult Non-Degree Seeking Students

This admission status is designed to serve adults who do not want to earn a degree at this time, but want to earn academic credits. *These students are not eligible for financial aid.*

An adult nondegree student may be admitted upon submission of the following:

1. The admission application. (online preferred)
2. An official high school transcript or GED showing average or above average achievement or a transcript. *Note:* The applicant who is not eligible for regular admission will also be denied admission in this category.
3. \$15 application fee if applying through the Common App only.
4. Criminal Activity Disclosure statement, if applicable.

Note: The applicant who is not eligible for regular admission will also be denied admission as a visiting student or an adult non-degree seeking student.

International Applicants

All non-United States citizens and those educated in countries other than the United States who want to study any program at any level are required to complete the online application as an international applicant for Admission. The online application, along with a \$65 application fee, must be completed and appropriate educational records, must be forwarded to the IU Northwest Office of Admissions, where it will be evaluated and processed in coordination with International Services at the Bloomington campus. For more information, please contact the Office of Admissions at 219/980-6991.

Intercampus Transfer Students

Students attending other IU campuses who wish to transfer temporarily or permanently to IU Northwest may submit their intercampus transfer application at northwest.iu.edu/apply.

Bachelor Degree Holders Applying for a Second Degree

Each applicant must submit the following (online preferred)

1. The completed undergraduate admission application (online application preferred)
2. Official transcripts from every college/university attended. Transcript must show completion of a bachelor degree.
3. A \$15 application fee if applying through the Common App only.
4. Criminal Activity Disclosure statement, if applicable
5. Joint Services Transcript, JST or Community College of the Air Force, CCAF, if veteran (for credit granting purpose only).

Returning Students (previously attended at IUN)

If your last attendance at an Indiana University campus has been **MORE** than a calendar year, regardless of if you have attended another college or university, complete the application at northwest.iu.edu/apply.

You will also need to supply a transcript from each college or university you have attended since enrolling at IU Northwest or another IU campus. Send transcripts electronically to admit2@iu.edu or mailed to IU Northwest, Office of Admissions, Hawthorn Hall 100, 3400 Broadway, Gary, IN 46408.

Veteran/Military Students

In granting credit on the basis of education gained through military service, schools, and experience, IU Northwest Office of Admissions follows the American Council on Education's Guide to Evaluation of Educational Experiences in the Armed Services.

To receive credit for your military service background, you must submit your Joint Services Transcript, JST or Community College of the Air Force, CCAF, or university/college transcript.

Indiana University Northwest limits academic residency to no more than twenty-five percent of the degree requirements for undergraduate degrees for **active-duty service members** as part of the Servicemembers Opportunity Colleges Consortium. Academic residency can be completed at any time while active-duty service members are enrolled. Reservists and National Guardsmen on active-duty are covered in the same manner. Students must contact an academic advisor to create a plan for accommodating the need to activate the waiver in order to maintain the integrity of their Indiana University degree. The IU Northwest School of Nursing is excluded from Consortium membership and so not bound by these rules.

Notice of Admission Status

All applicants who follow the guidelines will receive notification of their admission status within 2 weeks of the receipt of all materials. *Admission to an academic division as a pre-major does not indicate admission into the program, i.e., Pre-Nursing, Pre-Dental Education, Pre-Radiography or Pre-Radiologic Science, or Pre-Health Information Management students must submit a departmental application to and be admitted into the program by the respective departments.*

21st Century Scholars

The 21st Century Scholars program specialist offers direct support to 21st Century Scholars, connects students to on-campus resources, provides informational sessions and success related programming. The four goal areas of support are: academic performance and persistence; student engagement and enrichment; career exploration and preparation; and financial literacy and debt management.

Placement Testing

The university requires that all new students not transferring in college level English or math are placed in courses commensurate with their academic abilities. English placement testing is completed online and can be done from any computer off or on campus. Based on standardized test scores (SAT or ACT), many students are placed in a math level without having to complete testing, but students without standardized test scores or college level math credit may still be required to complete math placement. Students who have experience in a foreign language in high school are encouraged to take the Foreign Language Placement Test. Tests are offered in French, German, and Spanish and permit the awarding of special credit. There is a \$13.80 fee for each test.

For more information about the placement test and eligibility requirements, please visit: www.northwest.iu.edu/placement-testing.

New Student Orientation

New Student Orientation is mandatory for all new freshmen and transfer students. Multiple orientation programs are offered during the year and are designed to give students the tools to transition successfully into IU Northwest. Students will have an opportunity to learn more about the campus community through interactions with faculty, staff and current students during NSO and there will be opportunities for academic advising, registration and tours. Parents and guests are welcome to attend orientation and parent programming is

provided. Reservations can be made through New Student Orientation or by contacting the Office of Academic Success and Achievement Programs at (219) 981-4296 or new2iun@iu.edu.

Graduate Programs

Students seeking graduate degrees must apply using the graduate application located at Indiana University Graduate CAS | Applicant Login Page Section (liaisoncas.com). Each college or school that awards graduate degrees has its own admission policies and procedures. The appropriate dean or graduate advisor must officially approve a student's enrollment in graduate courses. If students register for graduate credits without school approval, they do so without assurance that credit for such work may be applied toward fulfilling requirements for an advanced degree.

Nondiscrimination Policy

Indiana University is committed to equal opportunity for all persons and provides its services without regard to gender, age, race, religion, ethnicity, sexual orientation, veteran status, or disability. The university director of affirmative action is responsible for carrying out the affirmative action program for units in central administration. In addition, there is an affirmative action officer on each campus who develops and administers the program locally.

To consult with the Accessibilities Service Coordinator for students with disabilities at IU Northwest, contact the Office of Student Support Services, (219) 980-6941. The coordinator of Title IX for Women's Rights and Issues at IU Northwest is housed within the Office of Equal Opportunity and Affirmative Action Programs, (219) 980-6705.

Determining Resident Status

Rules Determining Resident and Nonresident Student Status for Indiana University Fee Purposes

<https://policies.iu.edu/policies/vpss-07-rules-determining-resident-nonresident-student-status/index.html>

Financial Information

Basic Costs

Expenses for attending Indiana University Northwest for an academic year, including in-state fees for 30 credit hours, books, and supplies, total approximately \$9,768.00. Expenditures for clothing, travel, entertainment, and personal items are not included in this estimate.

Fees

Tuition and fees are determined by the Indiana University Board of Trustees and are subject to change by action of the trustees. Students are advised to consult the Indiana University Northwest Office of Student Accounts to determine the current fees and due dates for any given semester.

Deferment Plans

In accordance with Indiana University Northwest's commitment to provide quality education at a reasonable cost, deferment plans are offered to eligible students. Eligibility is based on the total amount of a student's assessed tuition and fees for a semester and past

payment history with the university. To participate in a deferment/payment plan, the minimum amount due on your bill must be paid by the due date. The minimum amount due consists of approximately 25-35 percent of the total bill. A deferment fee is charged for this service. During the fall and spring semester, up to 4 payments can be made. Each payment must be made by the pre-determined due dates for each semester. Contact the Office of the Bursar for specific details.

Refund of Student Fees

When a student withdraws from a course or courses, a refund will be made for most courses involved according to the refund policy stated in the campus *Schedule of Classes*. Full refund of fees is given only during the first week of classes. Students are advised to consult the Indiana University Northwest Office of Student Accounts Web site or contact the Office of the Bursar for more detailed information regarding the refund of student fees.

Special Credit

Any student who is full-time (12 cr.-18 cr.) does not need to pay for special credits under the banded tuition fees for full-time students, regardless of their Freshman to Senior status. Transfer and new students in their first year who are part time are also exempt from charge for special credits. All others must pay a per credit rate for eligible special credits. Each academic unit determines in which courses, if any, special credit by examination may be earned.

Financial Aid & Scholarships

In addition to developing local scholarship assistance programs, Indiana University Northwest participates in the full variety of federal and state-sponsored programs. The financial aid program serves students from diverse parts of society. Every student who applies for financial aid and has demonstrated financial need is assured some type of financial assistance.

In order to be considered for financial assistance, a student must submit a Free Application for Federal Student Aid (FAFSA). The application can be completed on line at www.studentaid.gov. The FAFSA applications should be completed by April 15 for the following academic year to meet the state grant deadline.

Financial assistance, in various forms, is available for students attending any Indiana University campus. Because scholarship and grant funds are limited, the student's entire need for funds cannot always be met from these sources. Therefore, several types of financial aid may be combined to meet the student's financial need. It is not uncommon for a student, particularly with a large financial need, to receive assistance in the forms of scholarships, grants, loans, and employment earnings, or some combination of these sources.

Scholarships

Most scholarships are awarded on the basis of the applicant's academic achievement and potential for college success. Some scholarships also require demonstrated financial need.

Local Scholarships

Scholarship funds, established and provided by individuals, organizations, business, industry, and other private organizations in the area, are available to students attending IU Northwest. These may be offered in addition to the scholarships awarded by the university which can be viewed at the Office of Financial Aid and Scholarships, Scholarships page.

Financial Aid for Military and Public Safety Officers Services Indiana

Indiana residents who are children of disabled or wounded veterans, who are children of missing-in-action or prisoner-of-war veterans of Vietnam, or who are children of law enforcement officers or firefighters killed in the line of duty are eligible for a partial fee remittance. Students must meet general financial aid guidelines for eligibility for the Military and Public Safety Officer's Program. Inquire at the Office of Financial Aid and Scholarships at IU Northwest.

Federal College Work-Study Program

The federal government has provided funds to stimulate and promote part-time employment of students in institutions of higher education. To be eligible for this program, students must be enrolled during the semester in which they wish to be employed. The student must also verify a need for financial assistance. Under this program, employment is limited to an average of 20 hours per week whenever regular classes are in session.

Federal Direct Student Loans

Direct Loans are low-interest loans for students and parents to help pay for the cost of a student's education after high school. The lender is the U.S. Department of Education (the Department) rather than a bank or other financial institution. Students must meet general guidelines for eligibility for federal aid, and must be enrolled at least half time. Repayment begins six months after the student completes the program or is enrolled below a half-time status. Graduate students may be eligible for up to \$20,500 per year in the Federal Direct Student Loan Program and undergraduate students may be eligible for up to \$12,500 depending on dependency status and grade level. If graduate program official costs of attendance exceeds the Direct Loan limit, credit-worthy students may borrow the additional amount up to cost of attendance in the Graduate PLUS Program.

Federal Pell Grant

The federal Pell Grants program provides financial assistance to those who need it to attend post-secondary educational institutions. Grants are intended to be the "floor" of a financial aid package and may be combined with other forms of financial aid in order to meet the full cost of education. The amount is determined by the student's and/or the family's financial resources.

Federal Direct PLUS Loan (Parents' Loans for Undergraduate Students)

The PLUS loan allows parents to borrow on behalf of their dependent undergraduate children who are enrolled at least half time. Loans to parents of dependent

undergraduate students are made for up to the full cost of the student's education less the student's financial aid.

Federal Supplemental Educational Opportunity Grants

All undergraduate students admitted to the university are eligible for this award on the basis of high financial need. The amount of the grant is determined by the student's financial need for funds. First preference must be given to Federal Pell Grant recipients.

Vocational Rehabilitation

A person with a disability may qualify for financial assistance through the Vocational Rehabilitation Program. Application must be made directly to the Vocational Rehabilitation Services located in the student's community.

Federal Direct Graduate PLUS Program

Graduate or professional students are now eligible to borrow under the PLUS Loan Program up to their cost of attendance minus other estimated financial assistance. The terms and conditions applicable to Parent PLUS Loans also apply to Graduate/Professional PLUS Loans.

Satisfactory Academic Progress

To be eligible to continue to receive any Federal, State of Indiana, or IU Northwest financial aid, a student must demonstrate satisfactory academic progress (SAP) toward an approved certificate or degree. The financial aid SAP standards may differ from requirements set forth by IU Northwest academic schools and departments. The measure of SAP must include all college course work attempted at IU Northwest and elsewhere. SAP is applied to all attempted courses that appear on the student academic transcript, whether or not financial aid was received for all attempted courses. SAP is monitored once a year, at the end of the spring semester. Students are expected to understand the SAP policy and comply with it.

To demonstrate SAP, students are expected to earn credit for at least 67 percent of the credits they attempt. Students are therefore not eligible to receive any further financial aid once they have attempted 150 percent of the credits that are needed to complete their particular academic program. In addition, undergraduate students must maintain a minimum 2.00 program grade point average and graduate students must maintain a minimum 3.0 program grade point average.

Students who fail to meet the Satisfactory Academic Progress policy are considered not meeting SAP and are no longer eligible for financial aid. A student can appeal their SAP status through the Office of Financial Aid and Scholarships. Students not meeting SAP will be sent an email informing them of the steps they need to take in order to submit a SAP appeal. Complete appeals must consist of the appeal form completed and signed by both academic advisor and student, along with all relevant documentation.

Withdrawing after the Awarding of Financial Aid

Should a student withdraw from a class or classes, once financial aid has already been credited to the student's bursar account for the dropped class or classes, some recalculation of the financial aid may be necessary. Students should *always* consult with a Financial Aid Counselor *before* withdrawing from any class or classes, especially once financial aid has already been credited to the student's bursar account.

Policies & Procedures

The Student's Responsibility

All colleges establish certain academic requirements that must be met before a degree is granted. These regulations concern such things as curricula and courses, majors and minors, and campus residence. Advisors, directors, and deans will always help a student meet those requirements, but the student is responsible for fulfilling them. At the end of a student's course of study, the faculty and the 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. *For that reason it is important: (1) for students to acquaint themselves with all regulations and remain informed throughout their college careers; and (2) for students to realize that while IU Northwest establishes certain minimum standards that apply to its students, other standards may be established by its various academic divisions. Therefore, students should refer to the appropriate section(s) of this bulletin for a more complete statement of academic policy.*

Academic Standing

Candidates in Good Standing for Baccalaureate Degrees

Students are considered to be candidates in good standing for an Indiana University baccalaureate degree when their academic grade point averages are not less than a C (2.0) average for the last semester's work and when the cumulative average is not below this same level.

Class Standing

Class standing is based on the number of credit hours completed: freshman, fewer than 30; sophomore, 30-59; junior, 60-89; senior, 90 or more.

Student Load

Students may register for a single course or for up to a full-time college program. Students who register for 12 or more credit hours per semester (12 or more across the summer sessions) are full-time students. It is not recommended that a person employed full time take more than 6 credit hours of academic work during each regular semester, either in residence or in absentia, or more than 3 credit hours in each summer session.

Students who expect to graduate in four academic years, not counting summer sessions, should carry at least 15 credit hours during each semester of the regular academic year. Except with special permission from the College/School, a student is not permitted to carry more than 18 credit hours.

Chancellor's List

Students carrying 12 letter-grade credit hours or more who earn a 4.0 grade point average for the semester are placed on the Chancellor's List. Part-time students enrolled in a degree or certificate program will be placed on the Chancellor's List provided they carry 12 letter-grade credit hours or more during the regular academic year (August to May) and earn a 4.0 grade point average.

Dean's List

Students carrying 12 letter-grade credit hours or more who earn a 3.3 grade point average or higher for the semester are placed on the Dean's List. Part-time students enrolled in a degree or certificate program will be placed on the Dean's List provided they carry 12 letter-grade credit hours or more during the regular academic year (August to May) and earn a 3.3 or higher grade point average.

Absence

Illness is usually the only acceptable excuse for absence from class. Absences must be explained to the satisfaction of the instructor, who will decide whether omitted work may be made up. The instructor will report a student's excessive absence to the chairperson of the academic division in which the student is majoring.

A student who misses a final examination and who has a passing grade up to that time may be given a grade of Incomplete until the instructor or the division chairperson has had an opportunity to review the reason for the absence.

Probation

Students are placed on probation whenever their cumulative grade point average is below 2.0 unless their academic program has established a higher standard. A student on probation remains on probation until their cumulative GPA is 2.0 or higher. The ramifications of probation on a student's status at the University depend upon the academic unit in which the student is enrolled.

Students who are placed on probation should discuss it with their academic advisor as soon as possible, to learn what is necessary to be allowed to continue with the academic program.

Dismissal

Students are dismissed from the university when they have ceased to make adequate progress toward their degrees. A student who has failed to earn a C average in any two semesters and whose cumulative average is below 2.0 is considered to be making insufficient progress toward the degree. A student earning less than a D average (1.0) for a semester, and whose cumulative grade point falls below a C (2.0) average, is dismissed by the academic unit. **If this is the first dismissal, the student may petition the academic unit for reinstatement.**

Depending on the academic program, a student who has been reinstated by petition may be required to earn more than a C average in order to be considered to be making satisfactory progress toward the degree.

Reinstatement

Dismissed students must remain out of their academic program for at least one regular semester during or after which they may petition their academic divisions for

reinstatement. Reinstatement after a second dismissal will rarely be approved.

Applications for reinstatement must be received no later than **August 1 for the fall semester, December 1 for the spring semester, April 1 for the first summer session, and May 1 for the second summer session.** Those dates serve as a general guideline, but students should check with the appropriate academic unit office for special unit deadlines.

Academic Renewal Policy

Undergraduate students who have not attended Indiana University for at least two years, are pursuing their first bachelor's degree, and are returning to IU Northwest for the fall semester, 2010 or later, may request academic renewal. Renewal 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 renewal may be requested for no more than two terms of IU coursework. Two consecutive summer sessions may be considered a single academic term for purposes of this policy. The petition must be submitted upon application for admission to a degree-granting unit. If the student has not yet been admitted to a degree-granting unit, the student should submit a notification of intent to petition for academic renewal as part of the academic advising process. Academic renewal may be invoked only once in a student's academic career. Academic renewal is inapplicable to any grades issued as a result of academic dishonesty. Academic renewal petition forms are available from your academic school or division.

Beginning with the Fall 2010 semester, after approval of the Academic renewal petition, the original grades will remain on a student's academic record (official and unofficial transcripts), but the GPA and hours earned calculations will be adjusted appropriately in the Program statistics.

Academic renewal does not impact/change the Indiana University earned hours or GPA calculations. The policy does impact the Student Program statistics in order to provide academic units at IU Northwest with statistics that support awarding an IU Northwest degree(s). Academic renewal is campus-specific. Semesters renewed at IU Northwest need not be forgiven at any other IU campus. Academic renewal only applies to students who have not completed a bachelor's degree. Invocation of academic renewal does not preclude a student using other available, course-specific grade replacement options, subject to each academic unit's rules and procedures. The Academic Renewal Policy does not circumvent any specific additional admissions or grade policies by particular schools/divisions.

On the Degree Progress report, a text statement will be placed above the semester approved for forgiveness that reads: "Academic courses for this term are forgiven by IU Northwest, mm/dd/yyyy." In addition, under each course forgiven, there will be a text statement that reads: "Attention: No Academic Program Credit or GPA (Forgiven)."

Addition of Courses after Semester Start

No student is permitted to enroll in any regularly scheduled course or for any additional hours of credit in any course after the first week of a semester or session unless the instructor of the course approves that an exception be made and the request is approved by the student's advisor.

Withdrawals from Courses

A student may withdraw from a course during the first 12 weeks of the semester (fourth week of a summer session) and will receive a grade of W. After the twelfth week (fourth week of a summer session), the grade shall be W or F as determined by the instructor.

This is an electronic process. Please see northwest.iu.edu/registrar/students/reg-add-drop-course.html for more details.

Withdrawals during the automatic W period require the approval of the academic advisor. After the automatic withdrawal period, a student may withdraw only with the permission of his or her dean. This approval is given only for urgent reasons relating to extended illness or equivalent distress. To qualify for the grade of W, a student must be passing the course on the date of withdrawal. If the student is failing, the grade recorded on the date of withdrawal will be F.

Students who alter their original class schedules, whether by personal incentive or by university directive, must do so officially by the procedure outlined above. Students who do not assume this responsibility are jeopardizing their records by the possibility of incurring an F in a course not properly dropped or not receiving credit in a course improperly added.

Students who simply stop attending classes without formally withdrawing will jeopardize their student status, will become liable for repayment of all federal financial aid and tuition and fees.

Grades

The official grading system of the university is as follows: A, B, C, D, F, I (Incomplete), W (Withdrawn), P (Passed), S (Satisfactory), R (Deferred Grade), and FX (Failure Removed from GPA Calculations). The University Faculty Council has passed a resolution that permits the use of plus and minus grades. The faculty council has also established a formula that attaches varying weights to these grades in computing grade point averages: A+ or 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; F = 0.0.

The legislation was framed in general terms and applies to instructors teaching graduates and undergraduates on all campuses of Indiana University. Within the policy, individual instructors and academic units can elect to require its faculty to assign

1. only straight letter grades;
2. any combination of plus, minus, and straight letter grades; or
3. Pass/Fail in clinical or other phases of course work, or to permit individual students in specified courses to elect Pass/Fail options.

The weights assigned by the registrar will be those specified above. It is the responsibility of the academic unit to adopt procedures for electing options, implementing the decision, and announcing its decision to faculty and students.

The quality of a student's work is indicated by the following grades:

- A = Unusual degree of academic excellence
- B = Above average achievement
- C = Average achievement
- D = Passing work but below desired standards
- F = Failure in a course
- S = Satisfactory
- P = Passed (Pass/Fail Option)
- W = Withdrawn
- I = Incomplete
- R = Deferred Grade
- FX
- Credit by Examination
- Veterans Credit
- Grade Appeals

Withdrawn

The grade W is given when the student, with the approval of the academic advisor, officially withdraws during the first 9 weeks of a semester or the first four weeks of a summer session. Thereafter, it is given only when the student withdraws with the approval of the instructor and the division chairperson and if the student is passing on the date of withdrawal.

Passed (Pass/Fail Option)

Students may elect to take one course each semester with a grade of P (Pass) or F (Fail), with a maximum of two such courses each school year, including summer sessions. The student must exercise the election of this option within the first three weeks of the semester or first two weeks of the summer sessions. Required courses and courses used to meet concentration requirements may not be taken under this option. The responsibility for approval, as well as special regulations affecting the option, rests with the chairperson of the student's College/School under procedures that the division establishes. A grade of P is not counted in the cumulative grade point average, but a grade of F is included. A grade of P cannot be subsequently changed to a grade of A, B, C, or D.

Satisfactory

Certain courses are offered under the S/F grading policy. Credits earned with the grade S count toward graduation but are not computed in the grade point average. In any course in which the grade S is used, the only other grade permitted will be F.

Deferred Grade

Used on the final grade report, the R indicates that the nature of the course is such that the work of the student can be evaluated only after two or more terms. The grade R is appropriate only so long as there is work in progress. The deferred grade procedure can be used only with approval of the academic unit and the willingness of the student to take the extended course before receiving a grade.

Removal of a Deferred Grade At the end of the second term of a deferred grade course, the instructor will submit the student's grade through the eGrade change process.

If work is interrupted because of extenuating circumstances, a special arrangement between student and instructor must be made on a term-to-term basis. If a student drops out of a course before the work is complete, the instructor must assign a regular grade (A, B, C, W, etc.) for the course.

Incomplete

The grade I may be given only when the work of the course is substantially completed and when the student's work is of a passing quality. When an Incomplete is assigned, a record must be maintained in the department in which the grade was given. The record will include the reason for recording the Incomplete, the course number and hours of credit, the signature of the instructor, and a guide for its removal, with a suggested final grade in the event of the departure or extended absence of the instructor from the campus.

The time allowed for the removal of an Incomplete is one calendar year from the date of its recording, however the chairperson of the student's College/School may authorize adjustment of this period in exceptional circumstances. By assigning an Incomplete, the instructor implicitly authorizes and requires the I to be changed to an F at the end of the appropriate time period, if that instructor does not otherwise act to remove the I. The registrar will automatically change the I to an F at the end of the appropriate time period. A grade of Incomplete may be removed if the student completes the work within the time limit or if the student's chairperson authorizes the change of the Incomplete to W. Students may not reregister in a course in which they have a grade of Incomplete.

Extended-X

Applied retroactively from Spring 2017 forward-any prior grade, not otherwise excluded by this policy, is eligible for replacement by grades earned in Spring 2017 and beyond.

Since the inception of the Best repeat rule, the primary benefit of Extended-X is to mask previous lower grades as a grade of X.

Undergraduate students who receive a grade lower than an A may be eligible, upon retaking the course, to remove the earlier grade from their grade point average (GPA). The original grade will be replaced on the transcript with the letter grade followed by an X (e.g., a D would be replaced with a DX, a C with a CX, etc.) and the new grade will be recorded in the semester the course was retaken. Students wishing to exercise this option must request the change from their academic unit who will complete the appropriate form and send to the Registrar.

Please note the following restrictions:

- Students may apply for an Extended-X for a maximum of 3 courses or 10 credits, whichever comes first.
- A student may use the Extended-X option only once for a given course.
- A student receiving a grade of W or I will not qualify for removal of the original grade.
- Courses repeatable with different content are not eligible for replacement under this policy unless an academic unit

chooses to permit this by means of a specific authorization procedure.

- Students must complete the Extended-X process prior to graduation.
- Graduate students are not eligible for an Extended-X. (This applies to solely graduate students, not to graduate courses)
- A student who has failed a course due to academic dishonesty may not retake that course for grade replacement under this policy.
- Not all schools recognize the Extended-X policy in the same manner. Students should refer to their school's web site, advisors or records office to determine their eligibility for application of this policy.
- Students planning to apply to professional or graduate schools should consult their advisor as many programs manually recalculate applicants' GPAs, and the originally received grade will still be published on the student's transcript.
- Transfer courses are not eligible attempts under this policy. Only graded courses taken at IU are eligible prior attempts.

Credit by Examination

The student may receive credit for certain courses by specific scores on College Board Achievement (AP) Tests; by specific scores on College-level Examination Program tests (CLEP); by specific scores on International Baccalaureate (IB) tests; by specific scores on Cambridge International Advanced A or AS level tests; by outstanding performance on advanced placement examinations given before the beginning of each academic year in French, German, and Spanish; and by successful performance on appropriate examinations while at Indiana University. Students who believe they are eligible for special credit because of superior preparation or independent study are urged to accelerate their college programs in this manner. Please see the Office of Admissions for more details.

Where credit by examination is awarded by the university, that credit will be recorded simply with the grade S on the student's transcript unless the examination clearly merits an A grade. Failure to pass the examination carries no penalty and is not recorded. See "Special Credit" under "Financial Information."

Veterans Credit

Veterans of military service are eligible for academic credit as a result of their military training and experience. The university follows the provisions of the American Council on Education (ACE) *Guide for the Evaluation of Educational Experiences in the Armed Services* in granting credit. In general, this provides that a student who has completed from six months to one year is eligible for 2 credit hours, equivalent to first-year ROTC; and a veteran of more than one year is eligible for 4 credit hours, equivalent to two years of ROTC, and 2 credit hours for one year of freshman physical education, less any physical education or basic ROTC credit previously earned. Additional credit as may be justified is awarded for special training programs. Copies of official discharge or separation papers or transcripts must be submitted as a basis for granting credit. The Office of Admissions administers evaluation of service credit.

Students attending the university with educational assistance from the G.I. Bill should note that for full-time

monthly payment 12 hours of credit must be taken. Three-quarter-time benefit is paid for 9 to 11 hours of credit; half time consists of 6 to 8 credit hours or the equivalent.

Grade Appeals

Academic units should not consider petitions for change of grade from concluded courses older than 5 years. Academic units may choose to use a shorter time period than the campus limit. For the situation where a student believes there was an error in the calculation or assigning of a course grade or they are seeking a withdrawal, it is the responsibility of the student to contact the course instructor to discuss the grade and make his or her case to have the grade changed. If the course instructor declines to support the student's request for a change of grade or in situations where the instructor cannot be contacted, the student may appeal the course grade following the procedures established by the awarding academic unit.

The Change of Grade Request requires course information (course title, semester taken) and a reason for the requested change. Additional documentation to substantiate the reason may be required. If the student's performance or withdrawal was medically related, the student should provide appropriate supporting documentation. Decisions on grade changes are made within the schools. If the request is supported, the school will notify the Office of the Registrar of the new grade. If the request is denied, students will be so notified by the school. The student may then appeal to the Academic Affairs Committee of the Faculty Organization.

General Education Requirements

Undergraduate Programs

The general education program guides the achievement of excellence in undergraduate education at IU Northwest. It describes university level capabilities, knowledge across disciplines, and awareness of diversity that we believe every undergraduate at IU Northwest should attain. This program embraces learning experiences that prepare students for lifelong learning, ethical practices, successful careers, and effective citizenship. It serves as a way for students to achieve vital foundational skills that prepare them for advanced study within our baccalaureate degree programs.

Foundations for Effective Learning and Communication

Fluency in reading, writing, and oral communication; mastery of the basic principles of logical, mathematical, and scientific reasoning; and literacy in information resources and learning technologies.

Reading and Writing - Students will:

- Read actively and critically, analyzing and evaluating a writer's ideas and assumptions, use of illustrations, examples and evidence, and the effectiveness of the structure and style of challenging written texts.
- Analyze and evaluate the relationship between a writer's central purpose in a text and the rhetorical means-ethical, emotional, and logical-used to advance that purpose.
- Use the writing process as a tool of inquiry to discover, explore, test, and develop ideas.
- Draft and revise written texts that provide readers with effectively organized and clearly integrated

support-in the form of illustrations and examples, relevant and sufficient data, and other pertinent sources of information and ideas-of a well-formulated thesis.

- Incorporate the words and ideas of others correctly and effectively, as support of the text's thesis.
- Edit written texts for clarity and appropriateness of style, precision of language, and correctness in grammar and punctuation, and adhere to the expectations of an appropriate documentation style.

Oral Communication - Students will:

- Demonstrate a clearly defined purpose through an effective delivery of oral presentations that manifest logical organization, proper grammar, appropriate word choices, and coherent sentence structure.
- Present a central idea, clearly reasoned arguments, and an audience-centered perspective that takes account of communicative differences across cultures.
- Engage in ethical practices that include citation of credible sources.
- Demonstrate effective use of media and technologies that enhance the presentation.

Mathematical Reasoning - Students will:

- Use mathematical models such as formulas, graphs, tables to draw inferences.
- Represent mathematical information symbolically, visually, numerically, and verbally.
- Demonstrate the ability to effectively use arithmetic, algebraic, geometric, logical and/or statistical methods to model and solve real world problems.

Scientific Reasoning - Students will:

- Demonstrate the ability to identify and explain how scientific theories are formulated, tested, and validated.
- Demonstrate the ability to integrate and apply scientific methods which include defining parameters of problem, seeking relevant information, subjecting proposed solutions to rigorous testing, and drawing conclusions based on the process.

Information Literacy - Students will:

- Determine the nature and extent of the information and the information sources needed.
- Access the information efficiently from a diverse set of information sources.
- Evaluate the information sources critically and incorporate selected information into papers and projects.
- Utilize information sources ethically and effectively document and communicate acquired information to accomplish a specific purpose.

Diversity - Students will:

- Demonstrate understanding of cultural diversity in a variety of contexts.
- Demonstrate understanding of the relationships between social structures, social justice, and human rights.

- Demonstrate understanding of racial minority experiences and diverse worldviews and the manner in which they shape U.S. culture and the world.

Broad and Integrative Knowledge

Mastery of the core concepts, principles, and methods in arts and humanities, the social and behavioral sciences, and the mathematical, physical, and life sciences.

Humanistic and Artistic Ways of Knowing - Students will:

- Articulate how intellectual traditions from diverse parts of the world shape present cultures.
- Demonstrate an understanding of a broad range of significant literary, philosophical, historical, linguistic, or religious works and approaches.
- Demonstrate an understanding of how the fine, performing or creative arts contribute to many aspects of human experience.
- Demonstrate knowledge about diverse cultures and societies.
- Demonstrate knowledge of the experiences and worldviews of groups defined by ethnicity, race, social class, language, religion, age, gender, sexual orientation, or disabilities.
- Analyze the interconnectedness of global and local concerns or explain how political or historical processes shape civilizations.

Social and Behavioral Ways of Knowing - Students will:

- Explain the methods of inquiry used by social or behavioral scientists.
- Explain behavior using social or behavioral science theories and concepts.
- Explain the factors that influence how different societies organize themselves or how individual differences influence various spheres of human activity.
- Demonstrate knowledge about diverse cultures and societies.
- Demonstrate knowledge of the experiences and worldviews of groups defined by ethnicity, race, social class, language, religion, age, gender, sexual orientation, or disabilities.
- Analyze the interconnectedness of global and local concerns or explain how political or historical processes shape civilizations.

Scientific and Mathematical Ways of Knowing

- Students will:

- Use mathematical models such as formulas, graphs, tables to draw inferences.
- Represent mathematical information symbolically, visually, numerically, and verbally.
- Use arithmetic, algebraic, geometric, logical, and/or statistical methods to model real world problems.
- Recognize and understand how scientific theories are formulated, tested, and validated.
- Approach problems using scientific methods, which include: defining parameters of problem, seeking relevant information, subjecting proposed solutions to rigorous testing, and drawing conclusions based on the process.

Emergency Closings

Occasionally, Indiana University Northwest is forced to close because of weather emergencies. In the case of severe storms that occur overnight, every effort is made to assess conditions early enough in the day to notify the mass media of a campus closing in time to alert students, faculty, and staff members before they set out for the campus. In periods of very bad winter weather, students are urged to monitor northwest Indiana radio stations for closing announcements as well as Indiana University Northwest's Web page (northwest.iu.edu).

Graduation Procedures

Degree Requirements

Each Program sets its own degree requirements. Students, therefore, should be sure that they are fully informed as to the requirements of the College/School from which they expect to receive their degree.

Students are responsible for understanding all requirements for graduation and for completing them by the time they expect to graduate. Information about a specific school or college can be found in their section of the bulletin.

Requests for deviation from department, program, or school requirements may be granted only by written approval from the respective chairperson, director, and dean (or a designated administrative representative). Disposition at each level is final.

Credit Deadline

All credit of candidates for degrees, except that for the work of the current semester, must be on record at least one month prior to the conferring of the degrees.

Application for Degree

Each College/School sets its own dates and procedures for filing applications for degrees. Students, therefore, should be sure that they are fully informed about the dates and procedures used in the College/School from which they expect to receive their degree.

Degrees Awarded with Distinction

To graduate with academic distinction, baccalaureate and associate degree candidates must rank within the highest 10 percent of the graduating class of their respective degree-granting College/School. Additionally, baccalaureate degree candidates must have completed a minimum of 60 credit hours at Indiana University. Associate degree candidates must have completed at least half the hours required for their degree at Indiana University. Each degree-granting College/School determines the appropriate GPA requirements for the three levels of recognition: distinction, high distinction, and highest distinction.

Transfer to Other Indiana University Campuses

The policy stated below concerning transfer credit pertains to undergraduate students only.

Each campus has established one office to serve as the central information source for intercampus transfers. Some campuses have priority dates for students to

declare an interest in making an intercampus transfer. Even if a campus has no priority date, it is important to start investigating the transfer requirements as early as possible to assure the best possibility of enrolling in your desired courses.

Consult the intercampus transfer Web site at Intercampus Transfers - Indiana University Northwest for detailed information and a listing of campus contacts and intercampus transfer policies. You can also initiate an intercampus transfer by completing the form on the web site.

Students who want to transfer from one Indiana University campus to another campus should follow these procedures:

1. Meet with your home campus advisor to discuss academic preparation, grades, and other eligibility issues. You can get a general idea of how your classes may apply to another degree by using the Academic Advising Report (AAR), a computerized degree-audit system available on the Web through One.IU.edu. While the advising capacity of the AAR is qualified by each individual's circumstances, it can help you learn how courses will apply toward different degrees.
2. Consult the intercampus transfer office at the proposed new campus if academic and/or eligibility questions remain. Remember that application for intercampus transfer does not guarantee admission to the campus or a specific school on the campus. Campuses may provide additional information and contact points for questions*.
3. If applicable, talk to the financial aid offices at the present and proposed campuses. Your aid eligibility does not transfer automatically from one campus to another.
4. 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. Some campuses may also require that you attend a special orientation program or take placement examinations.
5. If you decide to proceed with the transfer, complete the intercampus transfer form. The receiving campus will respond to you and your home campus. If you decide later not to transfer, you should notify both campuses.

*Some academic programs require specific qualifications in addition to those enumerated in this policy.

Other Transfer Policies

- In all transfer cases, the quantity of credit awarded by Indiana University will never exceed the number of credit hours that can be earned at an Indiana University campus in the same amount of time.
- Many courses completed in study abroad programs fall into a sequential pattern among Indiana University departmental offerings. In all cases where sequential-type courses are involved, the respective academic departments may at their discretion require examinations before any transfer is granted.
- In order to avoid misunderstanding, students who plan to participate in overseas study programs that are not sponsored by Indiana University are strongly

urged to consult their major departments or schools before making any commitment.

- None of the preceding affects in any way the procedures for establishing credit by examination outlined in this bulletin.

Student Rights and Responsibilities

The IU Code of Student Rights, Responsibilities, and Conduct (the Code), which is published online at <https://studentcode.iu.edu/index.html> ensures that students' rights are protected. While they're entitled to respect and civility, they also have responsibilities to the campus community. The Code outlines these responsibilities and the university's expectations for students' behavior. It also explains the processes that IU Northwest follows when a student is believed to have violated the Code.

Nondiscrimination Policy

Non-Discrimination: Policies: University Policies: Indiana University

Services

Student Affairs and Enrollment Management

Under the leadership of the Associate Vice Chancellors for Student Affairs and Enrollment Management, the Office of Student Affairs and Enrollment Management provides a variety of co-curricular programs and services designed 1) to help prospective students become members of the IU Northwest community, and 2) to assist current students to successfully complete their programs of study. The units reporting to the Associate Vice Chancellors work together to support the mission of the university and bring the needs of the students to the attention of the faculty and administration.

The following offices report to the Associate Vice Chancellor for Student Affairs and Enrollment Management: Academic Success and Achievement Programs (ASAP), Career Services, Counseling Services, Dean of Students, Student Activities, RedHawk Athletics, Student Support Services, Admissions, Financial Aid and Scholarships, and the Registrar.

Dean of Students

An important resource for the entire IU Northwest community, the Dean of Students helps students negotiate campus policies and procedures and, as the primary administrator of the Indiana University Code of Student Rights, Responsibilities, and Conduct, plays a key role in ensuring that student behavior does not interfere with the educational mission of the University. The Dean also advises and assists faculty and staff when confronted with challenging student situations. The Dean of Students is a good person to go to when you don't know where to go to for assistance.

Student Advising Center

The Student Advising Center provides academic information and services to exploratory students (students who have not declared a major) in the College of Arts and Sciences (COAS), Pre-health students in the College of Health and Human Services (CHHS), and all majors within COAS and the School of the Arts. The SAC serves as a resource for all undergraduate students. We offer

clarification of degree requirements, registration and academic program assistance, and serve as an advising resource for faculty and staff.

For more information or to make an appointment, please call (219) 980-6890 or email advisenw@iu.edu.

Academic Success and Achievement Programs (ASAP)

The ASAP Office provides programs and activities to help students take an active role in their success at IU Northwest. For more information about ASAP, contact 219-981-4296 or e-mail asapnw@iu.edu.

Supplemental Instruction

Supplemental Instruction (SI) is an academic support program that offers peer assistance in historically challenging academic courses by scheduling twice-weekly study sessions. SI study sessions are study groups in which students compare notes, discuss readings, develop organizational tools, practice test items, and learn study skills that will help in both current and future courses. The sessions are facilitated by SI leaders, students who have previously and successfully taken the course, and been recommended by the instructor. Supplemental Instruction is offered to enrolled students at no cost. For further information, contact ASAP at (219) 981-4296 or asapnw@iu.edu.

Redhawk Scholars

A program with a series of high-impact support practices offered during the first year including:

- dedicated success coaches
- exclusive social opportunities and off-campus events
- priority registration for Summer Bridge (fall starting students) and New Student Orientation

As a participant in the program, you'll take part in the following activities which promote your success:

- Summer Bridge (fall starting students) in your major field of interest
- a general FYE course in your 1st semester and a major specific FYE course in your 2nd semester
- success coaching
- block scheduling

Additional support services for ACES participants include the Writing Center (219) 980-6502, the Math Assistance Center (219) 980-6590, and Career Services (219) 980-6650. For further information, contact ASAP in Hawthorn 425 or call (219) 981-4296.

Accessibility Services

Under the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973, the office of Accessibility Services coordinates accommodations for students with disabilities based on documentation from a medical professional. Each of our students receive a plan developed for their specific needs. We strive to meet the instructional, environmental, and learning needs by providing accommodations, resources and referrals, and programs to assist students in reaching academic success. Contact the coordinator at 219-980-6941.

Student Support Services

Student Support Services is a TRIO federally funded retention and degree completion program sponsored by the U.S. Department of Education designed to assist disadvantaged undergraduate students who show potential for success in college but who need individual help, encouragement and guidance. Student Support Services facilitates adjustment to and success in college by providing the following services:

- Academic Tutoring
- Cultural Event Outings
- Educational Workshops
- Leadership Development
- Graduate School Assistance
- Financial Literacy Education

Eligibility Criteria

To be eligible for Student Support Services, students must be seeking a bachelor's degree and be a U.S. citizen or permanent resident. Students must also meet at least one of the following criteria:

- Be a first-generation college student (neither parent has a four-year degree)
- Meet U.S. Department of Education income guidelines
- Have a documented disability
- Academic Need

Student Activities

The Office of Student Activities energizes co-curricular life at IU Northwest. We provide a supportive environment that encourages student engagement in programs and opportunities to lead, learn, serve and inspire. Student Activities serves as the central university resource for student clubs, organizations, intramurals and fitness.

We offer professional assistance to students forming new clubs, joining established clubs or seeking participation in a variety of fun and informative events. Student Activities also supports leadership organizations, such as Student Government Association, Student Activities Board, Board of Advisors Leadership Program, and memberships in IUN's chapter of the National Society of Leadership & Success. Participation in student clubs and organizations develops social, educational, and cultural appreciation, and provides creative expression through such publications as Spirits Literary Magazine.

Athletics

The Indiana University Northwest Athletic Program functions as an integral part of the academic and social environment within our university. We offer student-athletes an opportunity to continue their educational and athletic experiences at the intercollegiate level. RedHawks Athletics promote the development of individual leadership qualities and interpersonal skills in preparation for life beyond graduation. We are committed to recruiting student-athletes who value self-discipline, integrity, teamwork, commitment, and determination in both competition and in the classroom.

Effective fall 1998, the RedHawk Athletic Program became a member of the National Association of Intercollegiate Athletics (NAIA). IU Northwest currently sponsors seven

varsity sports: Men's Basketball, Men's Cross Country, Men's Soccer, Women's Basketball, Women's Cross Country, Women's Soccer, and Women's Volleyball. Co-ed club cheerleading is also offered. In 2019, the RedHawks became part of the Chicagoland Collegiate Athletic Conference (CCAC) which competes nationally in the NAIA.

Please visit our athletics website <http://www.iunredhawks.com> to find more information about our varsity programs and club sports opportunities within the Office of Athletics.

Diversity, Equity and Multicultural Affairs

The mission of the Office of Diversity, Equity and Multicultural Affairs (ODEMA) is to promote, sustain, and advance the Indiana University Northwest commitment to diversity, equity, and inclusion, by enhancing student and employee capabilities and competencies through diversity research, trainings, support, collaboration, environmental activities and best practices.

We value diversity in all its dimensions and the pursuit of equitable and socially just practices to promote an inclusive community in which individuals are respected, supported, and learn from one another.

To implement this mission and achieve these goals, ODEMA has undertaken the following activities:

- Leadership of the Diversity Advisory Council;
- Coordination of the Diversity Programming Series;
- Implementation of the Diversity Fellows Program;
- Coordination of the Brother 2 Brother Program (B2B);
- Coordination of the Minority Opportunity for Research Experiences Program (MORE);
- Updating the Diversity Library Resources;
- Developing the campus Community Center in Hawthorn Hall room 200 as a vibrant location for student engagement surrounding issues of diversity and inclusion;
- Service as a resource to the community for diversity trainings;
- And finally, to provide logistical support for diverse student groups in planning campus activities.

For more information about ODEMA programs and services, please visit Hawthorn Hall room 234, or contact the office at (219) 980-6596.

Counseling Services

The Office of Counseling Services (OOCs) provides a range of therapeutic interventions and outside referrals to promote the improved mental health and emotional well-being of students. When students face developmental, personal, and academic challenges during their college experience, OOCs offers a professional, safe, judgment free, and confidential environment to address emotional problems that might hinder academic progress towards graduation. The office is staffed with licensed clinical counselors and social workers. Individual counseling is provided on a voluntary basis to any enrolled eligible student based upon clinical appropriateness. Students are eligible to use counseling for ten (10) sessions per academic year including the

initial session which is considered an intake assessment session. Individual sessions are provided in person or via telehealth. The following concerns are examples of issues addressed through the OOCS: depression, anxiety, stress management, relationship issues, family problems, developmental challenges associated with being a young adult. The Office of Counseling Services also incorporates a modality of intervention of psycho educational and support groups for students. The types of groups offered are based upon trends and needs that are consistent with identified client problems that are suitable to peer support interventions. The attendance and participation in groups is voluntary and groups are offered during the academic year. The OOCS also provides a variety of outreach and wellness programming to the campus community throughout the academic year.

To schedule an intake session, you can either come to the office to fill out paperwork in person or email the office to complete paperwork online. The office is located in Hawthorn Hall 201/203A. The main office phone number is 219-980-6741. The OOCS email is iunocs@iu.edu

Dental Clinic Services

The Dental Education Department on the IU Northwest campus offers dental services to students, faculty, and surrounding communities during the academic year and first summer session.

These services include:

- Dental examination
- Dental prophylaxis (scaling and polishing of teeth)
- Caries preventive treatments (application of fluorides)
- Preventive periodontal treatment (treatment of minor gum disorders)
- Dental X-rays
- Sealants

Depending on patient treatment needs, all services are provided by qualified dental hygiene or dental assisting students under the direct supervision of licensed dental professionals. Contact the Dental Education Clinic at (219) 980-6772 for an appointment.

Health and Wellness Center

The IU Northwest campus Health Clinic offers a variety of medical services to registered students, staff, and faculty at a low price. Staffed by a licensed Nurse Practitioner, the clinic is equipped to manage sick visits, chronic illnesses, physicals, and gynecologic exams/birth control. Immunizations, TB testing, and laboratory services are also available. The Nurse Practitioner is authorized to write prescriptions, except for narcotics.

Call (219) 980-7250 to schedule an appointment.

Bookstore

The campus bookstore, located in the Savannah Student Center, carries textbooks, supplies, IU apparel and gifts. Textbook lists and prices can be obtained by accessing IUN Bookstore - IU Northwest Apparel, Merchandise, & Gifts (bkstr.com).

Office of the Registrar

The Office of the Registrar has primary responsibility for planning, implementing, and managing schedules

of classes, registrations, and course changes. Other functions include student record maintenance, grade processing, student information reporting, enrollment certifications, and transcript services. Questions concerning veterans' affairs may be addressed to the Office of Military and Veteran Services. The Office of the Registrar is also responsible for scheduling meeting rooms and classrooms for activities other than classes.

Official Academic Transcript

Official no fee transcripts are available from the Office of the Registrar. Requests are submitted online. Transcripts cannot be ordered via e-mail or phone for security reasons.

To request a transcript, please visit Indiana University Transcripts at transcript.iu.edu.

Confidentiality of Records

In accordance with federal statutes and regulations, the Family Educational Rights and Privacy Act (FERPA), student records are confidential and available for disclosure to persons other than the student only under stated exceptions. An exception to the act exists that permits disclosure to school officials, including collection agencies.

Further details about the provisions of the privacy act and a list of offices where student records are kept may be found in the *Code of Student Rights, Responsibilities, and Conduct*. Copies are available in the Office of Student Life, Savannah Center, Room 217.

Veteran Services

Hawthorn Hall 106
(219) 980-6830

As a special service to current and former members of the armed forces, complete information on veterans' educational benefits may be obtained at the IU Northwest Office of Veteran Services or e-mail Daniel Riordan, Veteran Services Coordinator at dsriorda@iu.edu.

APPLYING FOR VA EDUCATION BENEFITS

In compliance with 38 USC 3679(e) as amended by the Veteran's Benefits and Transition Act of 2018, IU Northwest allows covered individuals to attend and participate in their course of education, beginning when it is scheduled to start, per the published Schedule of Classes, and 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 Northwest 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 a covered person's inability to meet their financial obligations to the university due to delayed disbursement of funds from the VA under Chapters 31 or 33.

National Guard Members

National Guard soldiers will need to complete Form 22-1990, Application for VA Education Benefits, and have

it approved by their unit commander. This form can be downloaded from www.gibill.va.gov. Paper copies of this form can also be obtained from the unit's education counselor or the IU Northwest Office of Veteran Services. Completed forms will be processed by the Department of Veterans Affairs and eligibility letters will be mailed directly to the student.

Non-National Guard Members

Soldiers, sailors, marines and airmen can visit www.gibill.va.gov to apply for education benefits online.

From this website, applicants should click Apply for Benefits and follow the on-screen prompts. Veterans are encouraged to submit their application online through the Department of Veterans Affairs website, but on an individual basis, paper copies of this application from the IU Northwest Office of Veteran Services. Please be advised, paper applications take longer to process.

Completed applications will be processed by the Department of Veterans Affairs and eligibility letters will be mailed directly to the student.

Post 9/11

This benefit provides financial support for education and housing to current and former members of the armed services or their eligible dependents if one of the criteria listed below is satisfied:

- Honorably discharged veterans who served a minimum of 90 active-duty days after September 10, 2001
- Honorably discharged disabled veterans who served a minimum of 30 active-duty days after September 10, 2001

Yellow Ribbon Program

Current and former members of the armed services or eligible dependents that qualify for Post 9/11 benefits and are classified as nonresidents for fee paying purposes may be eligible for this program if one of the criteria listed below is satisfied:

- Honorably discharged veterans who served a minimum of 36 months of active-duty after September 10, 2001
- Honorably discharged veterans with a 30 percent or more service connected disability and who served a minimum of 30 active-duty days after September 10, 2001

Students who plan on using VA education benefits at IU Northwest will need to submit a copy of their DD214 and eligibility letter to the Office of Veteran Services.

Military Science

Army ROTC (Reserve Officers' Training Corps) is one of the best leadership courses in the country and is part of Indiana University Northwest's curriculum. During classes, leadership labs, physical training and field training exercises, you will learn firsthand what it takes to lead others, motivate groups, and conduct missions as an Officer in the Army. Upon graduation from Army ROTC, you will earn the bar of a Second Lieutenant and be commissioned into the Active Army, Army Reserve, or Army National Guard and become a leader for life.

The Army Reserve Officer Training Corps strives to be the premier leader development program in the world. Army ROTC produces 75% of all Army officers and has produced 500,000 lieutenants since its founding in 1916.

In addition, Army ROTC is a college elective you can try out for up to two years with no obligation. Unlike traditional college programs, Army ROTC gives you a wide range of experiences while you work toward a degree. You'll combine classroom time with hands-on experience, learning skills that will give you an edge over your peers when it comes time to look for a job. Whether you're planning a career in the Army or the corporate world, Army ROTC is a smart elective course to take.

Whether you're in high school, college, or already in the Army, you can become an officer in today's Army. It's an experience that you can't get anywhere else, and your leadership skills will be challenged every day.

Information concerning admission, scholarships, and commitment requirements for this program can be obtained by contacting the Military Science Department on the campus of IU Northwest, 3400 Broadway, Gary, IN 46408, telephone (219)980-7110.

Army ROTC Curriculum: Basic Course

The Basic Course takes place during your first two years in college as elective courses. It normally involves one elective class and lab each semester along with the requisite physical training and field training exercises. You will learn basic military skills, the fundamentals of leadership and start the groundwork toward becoming an Army leader. You can take Army ROTC Basic Courses without a military commitment. Electives classes include:

- Military Science 101: Leadership and Personal Development
- Military Science 102: Foundations in Leadership
- Military Science 201: Fundamentals of Leadership, Organization and Planning
- Military Science 202: Leadership in a Changing Environment

Leader's Training Course

LTC is four weeks of intense classroom and field training held in the summer at Fort Knox, KY. This course is an accelerated version of the two years of leadership development training Cadets receive in the Basic Course. By transforming yourself through this rigorous training, you will qualify for enrollment in the Army ROTC Advanced Course on campus-provided you have two years of college remaining (undergraduate or graduate).

Army ROTC Advanced Course

The Advanced Course takes place during your last two years in college as elective courses. It normally includes one elective class and lab each semester in addition to the requisite physical training and field training exercises, plus a summer leadership camp. You will learn advanced military tactics and gain experience in team organization, planning and decision-making. To benefit from the leadership training in the Advanced Course, all Cadets must have completed either the Basic Course or have attended the Leader's Training Course. Entering the Advanced Course requires a commitment to serve as

an Officer in the U.S. Army after you graduate. Electives classes include:

- Military Science 301: Organizational Leaders
- Military Science 302: Military Operations and Tactics
- Military Science 401: Developing Adaptive Leaders
- Military Science 402: Leadership in a Complex World

Leader Development & Assessment Course

Every Army ROTC Cadet who enters into the Advanced Course attends the Leader Development and Assessment Course. It's a five-week summer course to evaluate and train all Army ROTC Cadets. This course normally takes place between your junior and senior years of college, and is conducted at Fort Lewis, Washington.

Career Services

The staff of Career Services is committed to working with Indiana University Northwest students and all IU alumni in making informed academic and career decisions. The Office of Career Services enables students and alumni to make career decisions, investigate career options, take career inventories that will reflect their areas of interest, set appropriate goals, network, and create opportunities to meet those goals by using the services we offer.

Career Assessments

Identify your personal strengths and even a potential major through career counseling assessment inventories including the Vita Navis Super Strong Assessment.

Career Counseling and Planning

We provide career counseling sessions to assist you through your career development process, which may include assistance with choosing a specific career field of interest or major, resume and cover letter writing, interviewing skills (mock interviews), job search strategies, and exploring graduate schools (test dates and applications).

Career/Job Fairs, Online Job Board, and Events

Check your e-mail for job and internship opportunities. Or visit the Career Services website www.northwest.iu.edu/career-services for job postings, upcoming dates for our annual Job Fairs, and a listing of other local job fair events, on-campus interview and employer recruiting events, and roundtable information sessions.

Federal Work-Study Program

Learn about the application process, post-award paperwork, orientation, benefits of work-study, and identifying work-study opportunities on and off campus.

Internship Program

Let us assist you with finding quality internships to help you grow as a professional and become more marketable upon graduation. We work closely with local employers that provide on-the-job training for paid and nonpaid internships. Possible academic credit may be available upon approval of your academic division.

Programs and Workshops

Topics include Resume and Cover Letter Writing, Effective Job Searching, Interviewing Skills, How to Have a Successful Job Fair Experience, The Art of Professional Networking, Identify Soft Skills for the Workplace, Internship Planning & Preparation, and Work-Study Orientation. In addition, we offer in-class presentations on various topics related to career development processes. Workshop topics, dates, times, and locations are announced via e-mail to students and are posted on job boards located in the Moraine Student Center, Marram Hall, and the Dunes Medical Professional Building.

Exploratory Program

Achieving some clarity of direction regarding majors & career options that make sense for you will take some time and effort. Meet with a Career Counselor to navigate your academic and career path with use of assessment tools.

Professional Clothing Closet

In need of professional attire or advice on what to wear for a professional interview? The Office of Career Services can help. Professional clothing available for career related events, based on need and availability. For more information, contact Career Services at (219) 980-6650.

Alumni Resources

Alumni are encouraged to take advantage of our free life-time services, which are designed exclusively for IU Northwest graduates. Whether you are exploring careers or graduate school, seeking a new opportunity, or looking to expand your professional network. The Office of Career Services and the Alumni Engagement Office is committed to helping you achieve your professional goals.

We can assist you with the following services:

Resume & Cover Letter Writing, Interviewing Skills, Job Search Assistance, Professional Networking, Career Planning/Change, and Graduate School Information and provide Professional Clothing items.

IU Alumni Career Job Search Site Handshake: iun.joinhandshake.com (IUN Students and Alumni only)

For more information, contact Career Services at (219) 980-6650.

Online Recruiting

Internships and job postings are available online. Visit the online Job Board-Handshake: iun.joinhandshake.com

Phone: (219) 980-6650

College of Arts and Sciences Bulletin 2024-26

Administrative Officers

Mark Hoyert, Ph.D., *Dean College of Arts and Sciences*
David Klamen, M.F.A., *Dean School of the Arts*
Kris Huysken, Ph.D., *Associate Dean*
Jonathyne Briggs, Ph.D., *Associate Dean*
Mary Hackett, *Director of Finance and Planning*

Sherri Sosh, *Courses and Contracts Manager*

Web site: www.northwest.iu.edu/coas

Telephone: (219) 980-6729

Overview

Mission

At the heart of IU Northwest is the College of Arts and Sciences. We provide undergraduate and graduate education in a broad range of arts and sciences disciplines that prepare students for rewarding careers of their choice. We also provide the academic coursework that is the foundation for success in majors across the university. The college is dedicated to helping our students develop the communication, reasoning, and analytic skills necessary to succeed in a rapidly changing world. The skills and content offered in the college are the core of what it means to be educated in the 21st Century. We invite all of our students to delve into the vast offerings of the College with the expectation that expanding your knowledge of the liberal arts and sciences will lead to better lives and more successful and fulfilling careers.

At the core of our programs, many unique to the region, are the analytical, cognitive, and expressive skills needed to assimilate and advance knowledge. An arts and sciences education focuses on an understanding of the human condition—past and present—and the world in which we live. It emphasizes a humanistic and aesthetic appreciation of cultural life as well as valuing of science and its methodology in which intellect, logical processes, ethical perspectives, and problem solving are vital. The strong research and creative activities of our faculty encourage students toward a life of learning and reflection.

Intrinsic to a liberal arts and sciences education is preparing graduates to appreciate, contribute to, and thrive in a diverse, culturally rich, technologically, and scientifically advanced society with a compelling history, a promising future, and a capacity for transformation. Through our teaching, research, creative arts, and professional and community services, we engage in the vitality of Northwest Indiana. An informed, educated population is not only democracy's strongest, best hope, it is also society's wisest investment. That, more than anything else, is the endeavor of the faculty and staff of the College of Arts and Sciences.

At present, the college consists of 11 departments and one school offering baccalaureate degrees in the following areas: Actuarial Science, African American and African Diaspora Studies, Anthropology, Applied Science, Applied Statistics, Biology, Biochemistry, Chemistry, Communication, Computer Information Systems, Computer Science, Data Science, Digital Media and Storytelling, Economics, English, Fine Arts, French, General Studies, Geology, History, Informatics, Mathematics, Neuroscience, Philosophy, Political Science, Psychology, Sociology, Spanish, Sustainability, and Theatre. Courses are offered in all those fields plus Astronomy, Canadian Studies, Comparative Literature, Geography, Journalism, Latino Studies, Linguistics, Music, Physics, Religious Studies, Telecommunications, and Women's and Gender Studies.

The College offers interdepartmental majors that lead to baccalaureate degrees in Graphic Design, Environmental Science, and Computer Information Systems and Mathematics as well.

In addition to undergraduate education leading to the bachelor's degree, which prepares students for citizenship as well as for professional training and graduate study, the programs of the College of Arts and Sciences provide students in the College of Health and Human Services, the School of Business and Economics and the School of Education with courses that are a foundation for those professional programs.

Postbaccalaureate certificates are offered in Computer Information Systems, Community Development and Urban Studies, and Race-Ethnic Studies to students who already hold a baccalaureate degree.

The college offers a Master of Liberal Studies degree for students who hold a bachelors degree and wish to pursue a broad interdisciplinary program of study, a Master of Science in Computer Information Systems, an Master of Science in Actuarial Science, a Master of Arts in English, History, and Political Science. The college offers a series of Graduate Certificates and Masters of Arts for Teachers primarily for high school teachers who want or need additional education in particular fields. These include: Graduate certificates in Biology, Chemistry, English, History, Mathematics, Political Science, and Spanish. The College offers a Master of Arts for Teachers in Biology, Chemistry, French, History, Mathematics, and Political Science.

Contact Information

College of Arts and Sciences
IU Northwest
Hawthorn Hall, Room 225
3400 Broadway
Gary, Indiana 46408
(219) 980-6729

Contact the College of Arts and Sciences for additional contact information.

Accreditation

The undergraduate and graduate degree offerings of the College of Arts and Sciences are accredited by the Higher Learning Commission on the Open Pathway.

Policies & Procedures

Students in the College of Arts and Sciences are encouraged to familiarize themselves with "General Academic Regulations and Policies". See IU Northwest Bulletin Policies and Procedures

Distinctions & Opportunities

Scholastic Honor Society

Omicron Sigma Delta is a liberal arts scholastic honorary society based on the same criteria as those used by the prestigious national honorary scholastic society, Phi Beta Kappa. Candidates are selected from the college's juniors and seniors on the basis of high scholarship and good character.

Graduation with Distinction

Recognition for excellence in scholarship is awarded at graduation by identifying such students in three categories

of distinction. These are, with their corresponding minimum overall grade point averages:

- Distinction (3.60)
- High distinction (3.75)
- Highest distinction (3.89)

The number of students so recognized will not exceed 10 percent of the graduating class in the college for that year. Students considered for this recognition must have completed at least 60 graded credit hours at Indiana University.

Career Information

Each department and its faculty members can advise students about graduate school and career opportunities. Information and advising regarding preprofessional programs is available in a separate section of the COAS bulletin.

Undergraduate

Administrative Officers

Mark Hoyert, Ph.D., *Dean College of Arts and Sciences*
 David Klamen, M.F.A., *Dean School of the Arts*
 Kris Huysken, Ph.D., *Associate Dean*
 Jonathyne Briggs, Ph.D., *Associate Dean*
 Mary Hackett, *Director of Finance and Planning*
 Sherri Sosh, *Courses and Contracts Manager*

Website: <http://www.northwest.iu.edu/coas>
Phone: (219) 980-6729

Admission

Entering the College of Arts and Sciences

Incoming freshmen generally are admitted directly to the College of Arts and Sciences. Freshmen are encouraged to visit departments in which they are interested to discuss possible programs with faculty and advisors. Additional information is available in the College of Arts and Sciences offices, Hawthorn Hall, Room 225.

General Requirements

The following requirements pertain to IU Northwest only. Students contemplating transfer to other campuses should consult the appropriate bulletins and the Academic Advising Report (AAR) electronic system.

Baccalaureate Degrees

Professional and faculty advisors from the student's major department provides academic counseling for each student in the College of Arts and Sciences prior to each semester's enrollment. Although academic counseling is intended to provide effective guidance and every student is encouraged to seek the counsel of a faculty advisor, *all students are responsible for planning their own programs and for meeting the following degree requirements by the time they expect to graduate. Students who have been awarded a baccalaureate degree cannot at a later date change the degree to include additional majors and/or minors. (Note: Degree requirements are not the same at every campus of Indiana University.)*

- Minimum of 120 credit hours. At least 105 credit hours must be in courses in the College of Arts and Sciences unless a student pursues a minor or a certificate in another division of the university

that grants degrees. If so, the 105 credit hour minimum in Arts and Sciences may be reduced sufficiently to allow the student to fulfill the minimum number of credit hours for the other division's minor or certificate, providing that all other Arts and Sciences requirements are met. Under these specific circumstances, the credit hour minimum can be no lower than 86 credit hours. If no such non—Arts and Sciences minor or certificate is pursued, the remaining 15 credit hours may be taken in the College of Arts and Sciences or in other divisions in the university.

- Minimum cumulative grade point average of 2.0.
- Minimum of 3 COAS Intensive Writing courses totalling at least 9 credit hours for the B.A. and the B.F.A. degrees. For all other degrees a minimum of 2 COAS Intensive Writing courses totaling at least 6 credit hours are required. (A complete list of courses that fulfill these requirements is located in and can be searched through the Matrix App at www.northwest.iu.edu/coas/student-tools/index.htm.)
- Minimum of 36 credit hours in courses at the 300-400 (junior-senior) level.
- Minimum of 25 credit hours with grades of C- or higher in the major field and a cumulative grade point average of at least 2.0 in the major field.
- 15-20 credit hours with grades of C- or higher in the minor field and a cumulative grade point average of at least 2.0 in the minor field.
- Twenty-six (26) credit hours of the work of the senior year must be completed while in residence at the IU Northwest campus. At least 10 credit hours of course work in the major field must be completed on the IU Northwest campus.
- To meet Intensive Writing, IIIA Lab, or IIIC Lab requirements, IU Northwest COAS students must complete classes and sections offered through IU Northwest and authorized by the College as an IW, IIIA Lab, or IIIC Lab. These designations will appear under the classes in the schedule of classes. For example, if a particular upper level history class is offered by IU Northwest and indicates that it carries IW credit, that class section will carry IW credit. If a second section of the same class is offered from either IU Northwest or through a different campus and it is not identified as carrying IW credit, then none will be assigned.
- Work for credit in the College of Arts and Sciences may be done at Bloomington or other Indiana University campuses.
- Not more than 60 credit hours earned in accredited two-year institutions of higher education, nor more than 90 credit hours from accredited four-year institutions of higher education, may be applied toward a degree.
- A student who fails to complete a degree within 10 years of matriculation will forfeit the automatic right to use the requirements in effect at the time of matriculation. In such cases, the dean, in consultation with the student's major department chair, will determine which set of requirements, or what particular combination of old and new requirements, will be appropriate for the student.

- All credit of candidates for degrees, except that of the current semester, must be on record at least six weeks prior to the conferring of degrees.
- An application for a degree must be filed in the Office of the College of Arts and Sciences no later than July 1 for December graduation. *May and August graduates must file the application for graduation by October 15.* Degrees are conferred in May, August, and December. Commencement is held only in May.

Goals of the Curriculum

A well-rounded college graduate must have knowledge and skills that span a variety of fields. For this reason, the requirements for IU Northwest's Arts and Sciences degrees are designed to expose students to a broad range of subjects and methods. The four groups of requirements promote the development of foundational skills, breadth of knowledge, and appreciation for diversity.

Group I: Foundation Courses: English, Mathematics, Public Speaking, and First Year Seminar

Successful graduates must express themselves clearly and effectively in English. They must be able to write documents and deliver presentations that display logical organization, proper grammar, and appropriate word choices. Thus, all College of Arts and Sciences students are required to complete both an English and a Public Speaking requirement.

Students must also cultivate a set of basic mathematical skills. These are essential for logical reasoning and have wide applications in a variety of fields of study. The Mathematics requirement ensures that all students develop their quantitative skills and learn to interpret—and draw conclusions from—data presented in tables and graphs.

The first year seminar considers interesting topics and helps students make the transition from high school, or community college to college.

Group II: Foreign Languages

Learning a foreign language increases the effectiveness of cross-cultural communication. It connects students with the world in ways that are not always available locally. The Foreign Language requirement for Bachelor of Arts degrees is designed to give each student a working knowledge of a second language. The benefits are not only cultural but also practical: knowledge of a foreign language is a vital skill for those who pursue careers in business, education, social services, health care, government, and many other fields.

Group IIIA, Mathematics and Physical/Life Sciences

Courses in this group train students in the use of the scientific method. They expose learners to forms of inquiry that rely on observation, measurement, and the rigorous experimental testing of hypotheses. Typical Group IIIA disciplines include, but are not limited to, Anthropology, Astronomy, Biology, Chemistry, Computer Science, Geology, Mathematics, Neuroscience, Psychology, and Physics.

Since learning an experimental science is not just a theoretical, but also a practical endeavor, students

must take at least one course that includes a laboratory experience.

Group IIIB, Social and Behavioral Sciences

The social and behavioral sciences focus on the systematic and objective study of human behavior and social institutions. These disciplines apply rigorous methods to the observation and analysis of a broad range of human activities and interactions. Group IIIB includes courses in disciplines such as African-American and African Diaspora Studies, Anthropology, Communication, Geography, Political Science, Psychology, Sociology, and Women's and Gender Studies.

Group IIIC, Humanities

Courses in the humanities help students reflect on the complexity of the human experience, appreciate the range of human thought and emotion, learn about aesthetic expression across artistic fields, and grapple with moral issues. Such courses focus on language, literature, history, art, theater, religion, philosophy, and related fields. The approach may be comparative, historical, or analytical, but the emphasis is always on strengthening the students' interpretive, critical, and writing skills.

Since the development of creativity is an essential component of the humanities, students must take at least one Group IIIC course that incorporates a laboratory experience.

Group IV: Diversity

An appreciation for the value of diversity is one of the essential qualities of an educated person. The Group IV requirements are designed to help students deepen their understanding of how diversity contributes to the cultural, social, and intellectual growth of individuals and societies.

Group IVA: History

Students working towards a Bachelor of Arts degree are required to take at least one history course chosen from a set that includes U. S. History, Western Civilization, and World History. The goal of the requirement is to help students place important events in their proper historical context and appreciate the many ways in which the past still shapes our present decisions, institutions, and ways of life.

Group IVB: Racial Minority Experience in the United States

The goal of this requirement is to expand our students' understanding of the many racial, linguistic, cultural, and ethnic diversities that exist in the United States. In addition to their primary focus on a racial minority experience in the United States, courses in this group have a secondary focus on cultural histories, injustice, and the interconnectedness of communities.

Group IVC. Additional Diversities (social class, language, religion, gender, sexual orientation, age, disabilities, nonwestern culture)

Students pursuing a Bachelor of Arts degree are also required to explore diversity from the perspective of social class, religion, gender, sexuality, age, or ability. Group IVC courses focus on special populations and

communities, exploring their complex relationship with—and contributions to—society at large.

Academic Forgiveness Policy

Undergraduate students who have not attended any IU campus for at least two years, are pursuing their first bachelor's degree, and are enrolling at IU Northwest for the fall semester 2012, or later, may request academic renewal. Renewal 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. This policy will affect only the student's College of Arts and Sciences record. Academic renewal may be requested for no more than two terms of IU coursework, consecutive or not. Two consecutive summer sessions may be considered a single academic term for purposes of this policy. The petition must be submitted within the first two semesters after the two year hiatus.

Students may petition the COAS office to request application of the Academic Renewal Policy. Students may apply for renewal in anticipation of entering COAS if they otherwise fit the guidelines. Students will need to provide evidence that would indicate a significant change in their ability to succeed in academic work. A semester of good grades after the hiatus and before the petition can constitute such evidence. Reevaluation of fundamental skills may be required by the Dean before the student can proceed.

Academic renewal may be invoked only once in a student's academic career. Academic renewal is inapplicable to any grades issued as a result of academic dishonesty. The original grades earned by the student will remain on a student's academic record (official and unofficial transcripts), but the GPA and hours earned calculations will be adjusted appropriately in the Program statistics. Academic renewal does not change the Indiana University earned hours or GPA calculations.

Academic renewal is IUN and COAS specific. Semesters forgiven at IU Northwest need not be forgiven at any other IU campuses (nor by another IUN college, school, or division).

List of Degrees and Programs Offered

Bachelor of Arts Degrees

African-American and African Diaspora Studies
 Anthropology
 Biology
 Biochemistry
 Chemistry
 Communication
 English
 Fine Arts
 French
 Geology
 History
 Mathematics
 Neuroscience
 Philosophy
 Political Science
 Psychology
 Sociology
 Sustainability
 Spanish
 Theatre - currently not accepting students

Bachelor of Science Degrees

Actuarial Science
 Applied Statistics
 Biology
 Biochemistry
 Chemistry
 Computer Information Systems
 Computer Science
 Data Science
 Digital Media and Storytelling
 French
 Geology
 Informatics
 Mathematics
 Neuroscience
 Psychology
 Spanish

Interdepartmental Majors

CIS and Mathematics
 Environmental Science (Biology, Chemistry, Geology)
 Graphic Design (CIS and Fine Arts)

Bachelor of General Studies

Bachelor of Applied Science

Post-Baccalaureate Certificates

Community Development/Urban Studies
 Computer Information Systems
 Race-Ethnic Studies
 Women's and Gender Studies

Graduate Certificates

Graduate Certificate in Biology
 Graduate Certificate in Chemistry
 Graduate Certificate in Composition Studies
 Graduate Certificate in Language and Literature
 Graduate Certificate in Literature
 Graduate Certificate in Communication Studies
 Graduate Certificate in Computer Science
 Graduate Certificate in History
 Graduate Certificate in Mathematics
 Graduate Certificate in Political Science
 Graduate Certificate in Spanish

Masters Degrees

Master of Liberal Studies
 Master of Science in Actuarial Science
 Master of Science in Computer Information Systems
 Master of Arts in English
 Master of Arts in History
 Master of Arts in Political Science
 Master of Arts for Teachers in Biology
 Master of Arts for Teachers in Chemistry
 Master of Arts for Teachers in Computer Science
 Master of Arts for Teachers in French
 Master of Arts for Teachers in History
 Master of Arts for Teachers in Mathematics
 Master of Arts for Teachers in Political Science

Minors

African-American and African Diaspora Studies
 Anthropology
 Biology

Biochemistry
 Canadian Studies
 Chemistry
 Communication
 Computer Information Systems
 Cybersecurity
 Economics
 English
 Fine Arts
 French
 Geology
 History
 Latino Studies
 Mathematics
 Medical Humanities
 Music
 Neuroscience
 Philosophy
 Physics
 Political Science
 Pre-Law
 Psychology
 Race-Ethnic Studies
 Sociology
 Spanish
 Theatre
 Women's and Gender Studies

Other Programs

Astronomy
 Comparative Literature
 Computer Science
 Geography
 Journalism
 Linguistics
 Music
 Pre-Dentistry
 Pre-Medicine
 Pre-Optometry
 Pre-Pharmacy
 Pre-Podiatry
 Pre-Veterinary
 Religious Studies
 Speech
 Telecommunications

Bachelor of Arts

The Bachelor of Arts degree programs provide students with a broadly based education. The BA requires fewer credits that are directly linked to a particular major. Instead, students complete courses across a wide range of disciplines. This provides a great deal of flexibility to customize their education to reach their individual goals and interests. The BA programs help students develop strong written and verbal communication skills, reasoning skills, the ability to solve complex problems, to work well with others, and to adapt to a changing workplace. Students learn how to think independently, how to make sound judgments, how to discover new perspectives, and acquire the tools to defend your point of view. These are the most valuable skills of an educated person in the 21st Century.

Specific Requirements

In addition to the general requirements for all degrees in the university, candidates for the B.A. degree must

complete Groups I-V of the distribution requirements. Students may elect to follow the requirements currently in effect or the requirements that were in effect when they matriculated.

Classes may be attributed towards satisfying all designated requirements across Groups I, II, III, IV, V and the minor. For instance, a student may complete a designated mathematics course and use that to satisfy a requirement within Group I, within Group IIIA, within Group V or within the minor. No more than 9 credit hours within a single discipline will be counted across Groups I, II, III, and IV.

The list of disciplines and courses designated for each requirement group can be searched through the Matrix App at www.northwest.iu.edu/coas/student-tools/index.htm.

Group I: Foundation Courses **English Composition**

Every student must demonstrate the ability to use correct, clear, effective English. The student may satisfy this requirement in the following way:

- By completing ENG W131 Elementary Composition I (3 cr.), with a grade of C (2.0) or higher

Mathematics

May be fulfilled in one of the following ways:

- By completing, with a grade of C (2.0) or higher, one of the following courses: MATH M100, MATH M111, MATH M118, MATH M119, MATH M125, MATH M127, or MATH M215.
- By exemption (without credit) through an appropriate examination as determined by the Department of Mathematics.

Intensive Writing

Intensive writing courses totalling at least 9 credit hours must be completed *after* completing the ENG W131 requirement:

- By completing intensive writing courses at the 200 level or above in the English department, or
- By completing "Intensive Writing Courses" in any arts and sciences department. If so designated, the course may also be counted toward fulfilling other arts and sciences degree requirements (e.g., distribution, major, 300-400 level).

An intensive writing course is one in which the writing component is fully integrated with the content and objectives of the course. Thus, a student would not be able to pass the course without fulfilling the intensive writing component and, conversely, it would be equally impossible for a student to pass the intensive writing component and not receive a passing grade in the course.

Oral Communication

Every student must demonstrate the ability to deliver presentations with logical organization, proper grammar, appropriate word choices, coherent sentence structure, and that take the characteristics of the audience into account. Students may satisfy this requirement by

completing SPCH S121 Public Speaking with a grade of C (2.0) or higher.

First Year Seminar

The first year seminar is required for students who have just begun college, those who are transferring fewer than 30 credits from a four-year college, and those transferring in from a two-year college (including TSAP students). The student may satisfy this requirement in the following way:

- By completing a "First-Year Seminar" course in any arts and sciences department. If so designated, the course may also be counted toward fulfilling other arts and sciences degree requirements.
- By completing and transferring at least 30 credits (not counting dual credits) from an accredited four-year college or university.

All entering students should take a First-Year Seminar when they enter the university. In the rare occasion in which a student reaches upper-class standing without completing the First-Year Seminar, those classes will not help them. In that case students should:

1. Complete a study abroad experience.
2. Complete an internship/externship/practicum experience.
3. Complete a service-learning class (with presentation at the COAS Research Conference).
4. Complete a Senior-level careers course that will aid their transition to the workforce or next educational step.

Group II: Foreign Language

The College of Arts and Sciences entrance requirement is two courses at the 100 level in a foreign language. Students admitted to Arts and Sciences without this background will be required to complete these courses. The requirement may be met by examination or by successful completion of the courses taken. (Two years of good high school work in a foreign language should enable a student to place out of the first 8 credit hours and into 200-level courses.)

The B.A. degree requirement of foreign language may be fulfilled in the following ways:

- By completing satisfactorily 6 credit hours of course work (200 and 250) or the equivalent in a foreign language.
- By completing the 200 level course and two semesters of designated culture courses taught in English from the same language base.
 - These culture courses may be taken at any point during the student's program of study of a foreign language.
 - The two semesters of culture courses taken in lieu of 250 will only be counted under Group II and cannot simultaneously be counted in any other Group distribution. See online Matrix located on the COAS webpages for a list of acceptable classes.
- By attaining a placement test score sufficient for placement in courses at the first- semester third-year level or above in a foreign language.

- If a student places into the 250 level, she will need only to complete that class to meet the Group II requirement.

SPECIAL CREDIT AS A RESULT OF PLACEMENT TEST

Special credit may be awarded for the two highest courses a student tests out of (100, 150, 200, or 250), up to a maximum of 8 credits.

Any student who is full-time (12cr. – 18cr.) does not need to pay for special credits under the banded tuition fee for full-time students, regardless of their freshman to senior status. Transfer and new students in their first year who are part-time are also exempt from charge for special credits. All others must pay a per credit rate for eligible special credits.

For more information about the placement test and eligibility requirements, please visit:

Proficiency Examinations

A student may complete the language requirement by taking a proficiency examination administered by the department concerned. Please note that no credit is conferred through this process. Students with a background in a language other than those taught at IU Northwest may take an examination from the relevant department at IU Bloomington. Such examinations will be given after the student has petitioned the IU Bloomington department and received the consent of the department.

Native Speakers of a Foreign Language

Students are considered "native speakers of a foreign language" if they have completed secondary (high) school in that language. They may not earn credit for any courses at the first or secondary-year level in their native language but they may be exempted from the foreign language requirement. If the student did not complete secondary (high) school in another language, he or she may take the placement test.

For more information about the placement test and eligibility requirements, please visit: <http://www.northwest.iu.edu/placement-testing/modern-languages/index.htm>

For questions, please contact the Department of Modern Languages at 219-980-6714.

Group III: Distribution

Students must take 12 credit hours in each of the three categories from at least two disciplines within each category.

A complete list of courses that fulfill these requirements is located and can be searched through the Matrix App at www.northwest.iu.edu/coas/student-tools/index.htm.

A course used to satisfy requirements within Group III can also be used to satisfy requirements in Groups I, II, IV, V, or the minor.

IIIA. Mathematics, physical sciences, and life

sciences - A student must take at least one science course in Group III A that includes a laboratory (at least 4 credit hours).

IIIB. Social and behavioral sciences

IIIC. Humanities - A student must take at least one studio arts/performing arts/creative writing lab course in the humanities (at least 3 credit hours).

Group IV: Diversity

Students must take one 3 credit hour course in each of these three categories. No course can be used more than once in Group IV. A course used to satisfy requirements within Group IV can also be used to satisfy requirements in Groups I, II, III, V, or the minor.

IVA. Select one History course from the IVA list. (A complete list of courses that fulfill these requirements is located in and can be searched through the Matrix App at www.northwest.iu.edu/coas/student-tools/index.htm.)

IVB. Racial Minority Experience in the United States. Students must complete one course from the list of Group IV B courses. (A complete list of courses that fulfill these requirements is located in and can be searched through the Matrix App at www.northwest.iu.edu/coas/student-tools/index.htm.)

IVC. Additional Diversities (social class, language, religion, gender, sexual orientation, age, disabilities, non-western culture). Students must complete one course from the list of Group IV C courses (A complete list of courses that fulfill these requirements is located in and can be searched through the Matrix App at www.northwest.iu.edu/coas/student-tools/index.htm.)

Group V: Requirements for the Major

Students should plan a tentative outline of their academic program in their major with their advisors in their academic department as soon as they matriculate or declare a major.

The following are minimum requirements for any major. Further and detailed requirements are to be found in the departmental statements in this bulletin. The specific departmental requirements that must be fulfilled by each student are those published in the bulletin current at the time the major is declared, or those in the bulletin current at the time of graduation, whichever the student chooses.

Group Va: Courses within the Major

- At least 25 credit hours must be taken in the major subject area. For B.A. programs, no major department may require more than 42 credit hours in the major. (This stipulation does not apply to interdepartmental majors.)
- The cumulative grade point average of courses used to satisfy the major (Group Va) must be at least 2.0.
- Any course in which the student receives a grade below C- (1.7) may not be used to fulfill requirements for the major. However, any non-repeated course that the student passes will count toward the 120 credit hour total.
- A course used to satisfy requirements for the major (Group Va) can be used to satisfy requirements in Groups I, II, III, and IV.
- At least 10 credit hours within the major discipline must be completed while in residence at IU Northwest.
- Individual departments may require a minor of 15 to 20 credit hours in another subject. Any course

taken to satisfy the requirements of a minor must be completed with a grade of C- or higher; and the cumulative grade point average of all courses taken in the minor must be at least 2.0 (C). At least 6 credit hours of courses in the minor must be taken in residence at IU Northwest. (See the individual departmental listings.)

- Students must take 3 credit hours of capstone course work. The course may also be counted toward fulfilling other arts and sciences degree requirements (e.g., intensive writing, major, 300-400 level). Consult departmental advisors for details.

Group Vb: Ancillary Courses Required by the Major

- Departments may require a set of ancillary courses taught outside of the major discipline to support learning within the discipline (for example, a chemistry major needs a background in calculus to succeed within chemistry).
- Any course in which the student receives a grade below C- (1.7) may not be used to satisfy an ancillary (Group Vb) requirement. However, any non-repeated course that the student passes will count toward the 120 credit hour total.
- A course used to satisfy ancillary requirements for the major (Group Vb) can be used to satisfy requirements in Groups I, II, III, IV, or a minor. They cannot be used to satisfy requirements within the major (Group Va).

For procedure regarding change of major, see the Student Ombudsperson in the College Office.

Degree Completion Chart for Bachelor of Arts

The Checklist for BA Core Requirements for the Bachelor of Arts Degree in the College of Arts and Sciences can be found at <http://www.northwest.iu.edu/coas/student-tools/index.htm> under the heading "Core requirements checklist".

Minors (Optional)

A minor shall consist of 15-20 credit hours with a grade of C- or higher and a cumulative grade point average of at least 2.0 in the minor. (A minimum of 2 courses totaling at least 6 credit hours must be taken while in residence at IU Northwest.) Up to three courses (9cr. max) taken to satisfy the major (Group Va) may be used to satisfy requirements for the minor.

Students may pursue a minor in a different discipline than their major. For instance, a French major may pursue a sociology minor, but a French major cannot pursue a French minor. Students may have more than one minor. Students' major(s) and minor(s) may be listed on their transcripts. Students must advise the College of Arts and Sciences Office of the minor(s) and receive advisement from the minor department.

Students who have been awarded a baccalaureate degree cannot at a later date change the degree to include additional majors and/or minors.

Bachelor of Science

The Bachelor of Science degree programs are designed to provide an in depth education about a specific field. As such, they could be thought of as a specific purpose degree. The programs are focused on learning a great deal about the specific subject matter. They typically require more credits that are directly linked to the major. Students are expected to concentrate their academic

energies on mastering the technical and practical facets of their field. They have fewer opportunities to explore topics outside of their major. Many students pursuing BS degrees use these credentials to enter specific careers or to prepare for specific graduate programs.

Specific Requirements

In addition to the general requirements for baccalaureate degrees of the university, candidates for the B.S. degree must complete the group requirements as follows. Students may elect to follow the requirements currently in effect or the requirements that were in effect when they matriculated.

Classes may be attributed towards satisfying all designated requirements across Groups I, II, III, IV, V, and the minor. For instance, a student may complete a designated mathematics course and use that to satisfy a requirement within Group I, within Group IIIA, and within Group V. No more than 9 credit hours per discipline will be counted across Groups I, II, III, IV, and the minor.

The list of disciplines and courses designated for each requirement group may be found in Appendix I in the Bulletin and can be searched through the Matrix App at www.northwest.iu.edu/coas/student-tools/index.htm.

Minors

Group I: Foundation for Effective Learning English Composition

Students must demonstrate the ability to use correct, clear, effective English. The student may satisfy this requirement by completing:

- ENG-W 131 Elementary Composition I (3 cr.), with a grade of C (2.0) or higher.

Oral Communication

Every student must demonstrate the ability to deliver presentations with logical organization, proper grammar, appropriate word choices, coherent sentence structure, and that take the characteristics of the audience into account. Students may satisfy this requirement by completing

- SPCH-S 121 Public Speaking with a grade of C (2.0) or higher.

Mathematics

Every student must demonstrate mathematical reasoning. Students may satisfy this requirement in either of the following ways:

- By completing, with a grade of C (2.0) or higher, one of the following courses: MATH-M 100, MATH-M 111, MATH-M 118, MATH-M 119, MATH-M 125, MATH-M 127, MATH-M 215. This course can sometimes be used to satisfy requirements within the major. For example, the Mathematics and Chemistry majors require MATH-M 215.
- By exemption (without credit) through an appropriate examination as determined by the Department of Mathematics.

First Year Seminar

The first year seminar is required for students who have just begun college, those who are transferring fewer than 30 credits from a four-year college, and those transferring in from a two-year college (including TSAP students). The student may satisfy this requirement in the following way:

- By completing a "First-Year Seminar" course in any arts and sciences department. If so designated, the course may also be counted toward fulfilling other arts and sciences degree requirements.
- By completing and transferring at least 30 credits (not counting dual credits) from an accredited four-year college or university.

All entering students should take a First-Year Seminar when they enter the university. In the rare occasion in which a student reaches upper-class standing without completing the First-Year Seminar, those classes will not help them. In that case students should:

1. Complete a study abroad experience.
2. Complete an internship/externship/practicum experience.
3. Complete a service-learning class (with presentation at the COAS Research Conference).
4. Complete a Senior-level careers course that will aid their transition to the workforce or next educational step.

Group II: Intensive Writing

Two intensive writing courses (totalling at least 6 credit hours) must be completed *after* completing the ENG W131 requirement:

- By completing intensive writing courses at the 200 level or above in the English department, or
- By completing one or two "Intensive Writing Courses" in any Arts and Sciences department. If so designated, the course may also be counted toward fulfilling other arts and sciences degree requirements (e.g., distribution, major, 300-400 level).

An intensive writing course is one in which the writing component is fully integrated with the content and objectives of the course. Thus, a student would not be able to pass the course without fulfilling the intensive writing component and, conversely, it would be equally impossible for a student to pass the intensive writing component and not receive a passing grade in the course.

Group III: Distribution

IIIA. Mathematics, physical sciences, and life sciences.

A student must take at least one science course in Group IIIA that includes a laboratory (at least 4 credit hours of the lab and associated lecture). Departments may require additional math and science courses. These can be found in Group Vb of the major when applicable.

IIIB. Social and behavioral sciences. A student must take a total of 18 credit hours listed under the categories of Group IIIB and IIIC with a minimum of 6 credit hours and at least 2 disciplines completed in each category.

IIIC. Humanities. A student must take a total of 18 credit hours listed under the categories of Group IIIB and IIIC

with a minimum of 6 credit hours and at least 2 disciplines completed in each category.

The list of disciplines and courses designated for each requirement group may be found in Appendix I in the Bulletin and can be searched through the Matrix App at www.northwest.iu.edu/coas/student-tools/index.htm.

Group IV: Diversity

Students must take one 3 credit hour course in Racial Minority Experience in the United States. (Any one course from the list of Group IVB courses.) A complete list of the courses that fulfill this requirement can be found in the College of Arts and Sciences B.A. section of this bulletin.

Group V: Requirements for the Major

Students should plan a tentative outline of their academic program in their major with their advisors in their major department as soon as they matriculate or declare a major.

The following are minimum requirements for any major. Further and detailed requirements are to be found in the departmental statements in this bulletin. The specific departmental requirements that must be fulfilled by each student are those published in the bulletin current at the time the major is declared, or those in the bulletin current at the time of graduation, whichever the student chooses.

Group Va: Courses within the Major

- At least 25 credit hours must be taken in the major subject area. For B.S. programs, no major department may require more than 48 credit hours in the major. (This stipulation does not apply to interdepartmental majors.)
- The cumulative grade point average of courses used to satisfy the major (Group Va) must be at least 2.0.
- Any course in which the student receives a grade below C- (1.7) cannot be used to fulfill requirements within the major. However, any non-repeated course that the student passes will count toward the 120 credit hour total.
- At least 10 credit hours within the major discipline must be completed while in residence at IU Northwest.
- Students may pursue a minor. Departments may require a minor. Minors typically require 15 to 20 credit hours outside of the major subject area. Any course taken to satisfy the requirements of a minor must be completed with a grade of C- (1.7) or higher; and the cumulative grade point average of all courses taken in the minor must be at least 2.0 (C). At least 6 credit hours of coursework in the minor must be taken in residence at IU Northwest. (See the individual departmental listings.)
- Students must take 3 credit hours of capstone course work. The course may also be counted toward fulfilling other arts and sciences degree requirements (e.g., intensive writing, major, 300-400 level). Consult departmental advisors for details.

Group Vb: Ancillary Courses Required by the Major

- Departments may require a set of ancillary courses taught outside of the major discipline to support learning within the discipline (for example, a chemistry major needs a background in calculus to succeed within chemistry).

- Any course in which the student receives a grade below C- (1.7) may not be used to satisfy an ancillary (Group Vb) requirement. However, any non-repeated course that the student passes will count toward the 120 credit hour total.

- A course used to satisfy ancillary requirements for the major (Group Vb) can be used to satisfy requirements in Groups I, II, III, IV, or a minor. They cannot be used to satisfy requirements within the major (Group Va).

Minors (Optional)

A minor shall consist of 15 to 20 credit hours with a grade of C- or higher and a cumulative grade point average of at least 2.0 in the minor. (A minimum of 2 classes totaling at least 6 credit hours must be taken while in residence at IU Northwest.)

For procedure regarding change of major, see the Student Ombudsperson in the College Office.

Degree Completion Chart for Bachelor of Science

The Checklist for BS Core Requirements for the Bachelor of Science Degree in the College of Arts and Sciences can be found at <http://www.northwest.iu.edu/coas/student-tools/index.htm> under the heading "Core requirements checklist".

Minors (Optional)

A minor shall consist of at least 15 credit hours with a grade of C- or higher and a cumulative grade point average of at least 2.0 in the minor field. (A minimum of 2 courses totaling at least 6 credit hours must be taken while in residence at IU Northwest.) Up to three courses (9 cr. max) taken to satisfy the major (Group Va) may be used to satisfy requirements for the minor.

Students may pursue a minor in a different discipline than their major. For instance, a French major may pursue a Chemistry minor, but a Chemistry major cannot pursue a Chemistry minor.

Students may have more than one minor. Students' major(s) and minor(s) may be listed on their transcripts. Students must advise the recorder in the College of Arts and Sciences of the minor(s) and receive advisement from the minor department.

Bachelor of Fine Arts

College of Arts and Sciences/School of the Arts Bachelor of Fine Arts

The College of Arts and Sciences at IU Northwest offers instruction leading to Bachelor of Fine Arts degree in Studio Art.

Specific Requirements

In addition to the general requirements for baccalaureate degrees of the university, candidates for the B.F.A. degree must complete the group requirements.

Students may elect to follow the requirements currently in effect or the requirements that were in effect when they matriculated.

Classes may be attributed towards satisfying all designated requirements across Groups I, II, III, IV, and V and the minor. For instance, a student may complete a designated mathematics course and use that to satisfy a requirement within Group I, within Group IIIA, and within

Group V. No more than 9 credit hours per discipline will be counted across Groups I, II, III, and IV.

The list of disciplines and courses designated for each requirement group may be found in Appendix I in the Bulletin and can be searched through the Matrix App at www.northwest.iu.edu/coas/student-tools/index.htm.

Group I: Foundation Courses

English Composition

Students must demonstrate the ability to use correct, clear, effective English. The student may satisfy this requirement by completing

- ENG-W 131 Elementary Composition I (3 cr.), with a grade of C (2.0) or higher.

Oral Communication

Every student must demonstrate the ability to deliver presentations with logical organization proper grammar, appropriate word choices, coherent sentence structure, and that take the characteristics of the audience into account. Students may satisfy this requirement by completing

- SPCH-S 121 Public Speaking with a grade of C (2.0) or higher.

Mathematics

Every student must demonstrate mathematical reasoning. Students may satisfy this requirement in either of the following ways:

- By completing, with a grade of C (2.0) or higher, one of the following courses: MATH – M 100, MATH-M 111, MATH - M118, MATH – M 119, MATH – M 125, MATH-M 127, MATH – M 215.
- By exemption (without credit) through an appropriate examination as determined by the Department of Mathematics.

First Year Seminar

The first year seminar is required for students who have just begun college, those who are transferring fewer than 30 credits from a four-year college, and those transferring in from a two-year college (including TSAP students). The student may satisfy this requirement in the following way:

- By completing a "First-Year Seminar" course in any arts and sciences department. If so designated, the course may also be counted toward fulfilling other arts and sciences degree requirements.
- By completing and transferring at least 30 credits (not counting dual credits) from an accredited four-year college or university.

All entering students should take a First-Year Seminar when they enter the university. In the rare occasion in which a student reaches upper-class standing without completing the First-Year Seminar, those classes will not help them. In that case students should:

1. Complete a study abroad experience.
2. Complete an internship/externship/practicum experience.
3. Complete a service-learning class (with presentation at the COAS Research Conference).

4. Complete a Senior-level careers course that will aid their transition to the workforce or next educational step.

Group II: Intensive Writing

Three intensive writing courses (totalling at least 9 credit hours) must be completed *after* completing the ENG W131 requirement:

- By completing intensive writing courses at the 200 level or above in the English department, or
- By completing "Intensive Writing Courses" in any Arts and Sciences department. If so designated, the course may also be counted toward fulfilling other arts and sciences degree requirements (e.g., distribution, major, 300-400 level).

An intensive writing course is one in which the writing component is fully integrated with the content and objectives of the course. Thus, a student would not be able to pass the course without fulfilling the intensive writing component and, conversely, it would be equally impossible for a student to pass the intensive writing component and not receive a passing grade in the course.

Group III: Distribution

A student must take a total of 27 credit hours listed under the categories of Group IIIA, IIIB and IIIC with a minimum of 6 credit hours and at least 2 disciplines completed in each category.

(A complete list of courses that fulfill these requirements is located in and can be searched through the Matrix App at www.northwest.iu.edu/coas/student-tools/index.htm.)

IIIA. Mathematics, physical sciences, and life sciences.

A student must take at least one science course in Group IIIA that includes a laboratory (at least 4 credit hours of the lab and associated lecture).

IIIB. Social and behavioral sciences

IIIC. Humanities

Group IV: Diversity

Students must take one 3 credit hour course in each of these three categories. No course can be used more than once in Group IV. A course used to satisfy requirements within Group IV can also be used to satisfy requirements in Groups I, II, III, and V.

- **IVA. Select one History course** from the IVa list. (A complete list of courses that fulfill these requirements is located in and can be searched through the Matrix App at www.northwest.iu.edu/coas/student-tools/index.htm).
- **IVB. Racial Minority Experience in the United States.** Students must complete one course from the IVb list. (A complete list of courses that fulfill these requirements is located in and can be searched through the Matrix App at www.northwest.iu.edu/coas/student-tools/index.htm).
- **IVC. Additional Diversities** (social class, language, religion, gender, sexual orientation, age, disabilities, non-western culture). Students must complete one course from the IVc list. (A complete list of courses that fulfill these requirements is located

in and can be searched through the Matrix App at www.northwest.iu.edu/coas/student-tools/index.htm).

Group V: Requirements for the Major

Students should plan a tentative outline of their academic program with their advisors in their major department as soon as they matriculate or declare a major. They should continue to revise and update their plan each year as they progress through their education.

The following are minimum requirements for any major. Further and detailed requirements can be found in the departmental statements in this bulletin. The specific departmental requirements that must be fulfilled by each student are those published in the bulletin current at the time the major is declared, or those in the bulletin current at the time of graduation, whichever the student chooses.

Admission to the B.F.A. Program

Admission to the B.F.A. program is based upon a portfolio and transcript review at the end of the sophomore year. Prerequisites for admission include:

1. Completion of the following courses:

- A101 and A102 art history (6 cr.)
- Fundamental studio (9 cr.)
- Two, 200 level studio classes
- English W131 (3 cr.)
- One of the following math courses: M100, M118, M119, M125 or M215

2. Portfolio review by departmental committee

Requirements Va (57 cr.)

- Fundamental Studio (9 cr.)
- Studio courses above 100 level (48 cr.) must include a minimum of three and a maximum of six of the introductory (200) level courses
- FINA-S497 Independent Study in Studio Art, Capstone, for the Spring semester during the final year. (1 cr.)

Requirements Vb (14 cr.)

- FINA-A101 and FINA-A102 art history (6 cr.)
- Two 300 level art history (6 cr.)
- FINA-A435 Art Theory, Capstone, for juniors and seniors, taken in the Fall semester (2 cr.)

During the final year, each student must assume full responsibility for mounting a personal exhibit that will include terminal and representative work in the major field and, if applicable, in the minor field as well. To meet this requirement, the student must:

- File in the departmental office an "Intent to Graduate" one calendar year prior to the intended completion date. You must meet with your principal teacher to determine if you are prepared to enroll in FINA-S 497.
- Submit a portfolio of the most recent and best work in the major discipline to the departmental office before the completion of the fall semester, prior to enrolling in FINA-S 497. The studio program in the final year shall be coordinated with the evaluation of the portfolio.

- Prepare the exhibit under the principal teacher's guidance. This will include drafting a descriptive statement about the work in the exhibit: goals, intent, approach, techniques, etc.
- Be prepared to exhibit in accordance with the departmental schedule at any time during the final semester. FINA-A 435 and FINA-S 497 fulfill the capstone requirement.
- Graduating Senior Exhibit
- Students must also complete the general requirements of the College of Arts and Sciences
- The final grade for FINA-S497 will be based on the Senior Exhibit, and will be determined by a faculty committee.
- At least 71 credit hours must be taken in the major (Fine Arts and Art History), and the cumulative grade point average of courses used to satisfy the major (Group Va) must be at least 2.0.
- Any course in which the student receives a grade below C- (1.7) may not be used to fulfill requirements for the major. However, any non-repeated course that the student passes will count toward the 120 credit hour total.
- At least 10 credit hours within the major discipline must be completed while in residence at IU Northwest.
- Individual departments may require a minor of 15 to 20 credit hours in another subject. Any course taken to satisfy the requirements of a minor must be completed with a grade of C- or higher; and the cumulative grade point average of all courses taken in the minor must be at least 2.0 (C). At least 6 credit hours of courses in the minor must be taken in residence at IU Northwest. (See the individual departmental listing.)
- Online Fine Arts studio classes cannot be used to fulfill Fine Arts degree requirements at IU Northwest.
- Students must take 3 credit hours of capstone course work. These courses may also be counted toward fulfilling other arts and sciences degree requirements (e.g., intensive writing, major, 300-400 level). Consult departmental advisors for details.

For procedure regarding change of major, see the Student Ombudsperson in the College office.

Degree Completion Chart for Bachelor of Fine Arts

The Checklist for BFA Core Requirements for the Bachelor of Fine Arts Degree in the College of Arts and Sciences can be found at <http://www.northwest.iu.edu/coas/student-tools/index.htm> under the heading "Core requirements checklist".

Minors (Optional)

A minor shall consist of at least 15 credit hours with a grade of C- or higher and a cumulative grade point average of at least 2.0 in the minor field. (A minimum of 2 courses totaling at least 6 credit hours must be taken while in residence at IU Northwest.) Up to three courses (9 cr. max) taken to satisfy the major (Group Va) may be used to satisfy requirements for the minor.

Students may pursue a minor in a different discipline than their major. For instance, a French major may pursue a sociology minor, but a French major cannot pursue a French minor.

Students may have more than one minor. Students' major(s) and minor(s) may be listed on their transcripts. Students must advise the recorder in the College of Arts and Sciences of the minor(s) and receive advisement from the minor department.

Certificates

The College of Arts and Sciences offers undergraduate and post-baccalaureate certificates in the following areas:

- Computer Information Systems
- Community Development/Urban Studies
- Race-Ethnic Studies
- Women's and Gender Studies

Second Bachelor's Degree

Normally the holder of a baccalaureate degree who wishes to pursue a further educational goal is encouraged to become qualified for admission to a graduate degree program. In certain cases, however, the dean may admit a baccalaureate degree holder to candidacy for a second baccalaureate degree. When such admission is granted, candidates must earn at least 26 additional credits-in-residence and meet the requirements of the College of Arts and Sciences and of the department in which they are candidates.

Interdepartmental Major

Interdepartmental majors are available to students who wish to combine two disciplines or subjects into an interdepartmental concentration area. Such students are required to complete a minimum of 40 credit hours in the interdepartmental major. Students must also fulfill the following requirements:

- The 40 credit hour concentration need not be equally divided between the two disciplines, but a program designed to give substantial knowledge should be planned in each discipline.
- Each of the two areas should include a minimum of four 300- or 400-level courses for a minimum of 12 credit hours in each area.
- Students must have two advisors, one from each department in which they propose to study.
- The program of studies must be approved by both departments and by the college.
- Students who are pursuing an Interdepartmental major may also pursue a minor. However, they cannot pursue a minor in either of the disciplines or subjects that combine to create their Interdepartmental Major.

The following interdepartmental majors are available in the College of Arts and Sciences:

- Computer Information Systems and Fine Arts - Graphic Design
- Computer Information Systems and Mathematics
- Biology, Chemistry and Geosciences - Environmental Sciences

Preprofessional Curricula

The Pre-Health Professions Program is home to students who wish to pursue medicine, dentistry, veterinary, pharmacy, physical therapy, occupational therapy, optometry, physician assistant, podiatry, chiropractic therapy, speech and hearing therapy as well as other health professions as careers. To gain admission

into those professions, students typically complete a bachelor's degree followed by considerable advanced study. At the undergraduate level, students may select and complete any major. However, students need to enroll in a specified sequence of courses to prepare them for professional school entrance examinations and to satisfy professional school prerequisite requirements. The particular sequence of courses is unique to each professional school. The Pre-Health Professions Program provides students with comprehensive advice and guidance from the time they first express an interest in a health profession (even before they matriculate at IU Northwest) through graduation and successful transition into a professional school. The program helps ensure that the students' education is of the highest quality, helps them identify the medical and health careers that fit their aspirations, helps them develop a tailored sequence of courses that will help them reach their goals, and helps them prepare applications that present them at their best.

Dentistry

Students may be admitted to the School of Dentistry upon receipt of their baccalaureate degrees or at the end of three years in the College of Arts and Sciences.

A student entering the School of Dentistry after completing 90 credit hours in the College of Arts and Sciences, exclusive of military training and physical education, who has satisfied the Group I through V requirements, may apply 32 credit hours earned the first year in dentistry as electives and at the end of this year earn the B.A. degree. Students expecting to do this should consult with their major departments since IU Northwest awards the B.A. degree.

Pre-Dental Requirements

The following classes are recommended to fulfill prerequisite requirements for most dental schools:

- BIOL-L 101 (4 cr.)
- BIOL-L 102 (4 cr.)
- BIOL-M 310 (4 cr.)
- CHEM-C 105 & C 125 (5 cr.)
- CHEM-C 106 & C-126 (5 cr.)
- CHEM-C 341 (3 cr.)
- CHEM-C 343 (2 cr.)
- CHEM-C 342 (3 cr.)
- CHEM-C 344 (2 cr.)
- CHEM-C 484 (3 cr.)
- PHSL-P 261 (4 cr.)
- PHSL-P 262 (4 cr.)
- Select one of the following physics series:
 - PHYS-P 201 and P 202 (10 cr.)
 - PHYS-P 221 and P 222 (10 cr.)
- Psychology or sociology (3-6 cr.)
- ENG-W 131 (3 cr.)

For further information regarding programs, the Dental Aptitude Test, and applications, contact the health professions advisor at (219) 980-7106.

Law

Admission to law schools requires a baccalaureate degree and a Law School Admission Test (LSAT) score. The degree may be in any discipline. Students preparing for law school are advised to take courses in logical

thought, American history, American politics, business, and criminal and civil law. While no specific courses are required, Indiana University offers an interdisciplinary prelaw minor for students interested in attending law school.

The minor includes six courses totaling 18 credit hours. Students in the School of Public and Environmental Affairs, the School of Business and Economics, and the College of Arts and Sciences could double-count courses that are required for their major or concentration, but they are required to take at least four courses or 12 credit hours outside of their major or concentration. The structure of the minor is as follows:

- HIST-H 106 American History II (Twentieth Century) (3 cr.)
- PHIL-P 150 Elementary Logic (3 cr.)
- BUS-L 201 Legal Environment of Business (3 cr.)
- SPEA-J 101 American Criminal Justice (3 cr.)
- POLS-Y 103 Introduction to American Politics (3 cr.)
- One elective (3 cr.)

Students may pick from the following courses for the elective:

- ECON-E 201 Introduction to Microeconomics (3 cr.)
- HIST-H 105 American History I (3 cr.)
- SPEA-J 301 Substantive Criminal Law (3 cr.)
- SPEA-J 303 Evidence (3 cr.)
- SPEA-J 306 The Criminal Courts (3 cr.)
- BUS-A 201 Introduction to Financial Accounting (3 cr.)
- HIST-A 313 Origins of Modern America (3 cr.)
- HIST-A 315 Recent U.S. History (3 cr.)
- SPEA-H 441 Legal Aspects of Health Care Administration (3 cr.)

The prelaw advisor can approve an elective that is not on this list if it meets the educational objectives.

The university provides prelaw counseling for interested students. Contact the prelaw advisor at (219) 980-6841 or (219) 980-6636, or (219) 980-6655.

Medicine

A student may be admitted to the School of Medicine upon receipt of the baccalaureate degree with a major in any department in the College of Arts and Sciences provided courses required by the School of Medicine are included.

The following classes are recommended to fulfill prerequisite requirements for most medical schools:

- BIOL-L 101 (4 cr.)
- BIOL-L 102 (4 cr.)
- CHEM-C 105 & C 125 (5 cr.)
- CHEM-C 106 & C 126 (5 cr.)
- CHEM-C 341 (3 cr.)
- CHEM-C 343 (2 cr.)
- CHEM-C 342 (3 cr.)
- CHEM-C 344 (2 cr.)
- CHEM-C 484 (3 cr.)
- Select one of the following physics series:
 - PHYS-P 201 and P 202 (10 cr.)
 - PHYS-P 221 and P 222 (10 cr.)
- PSY-P 103 (3 cr.)

- SOC-S 161 (3 cr.)
- Many schools require English composition (ENG- W 131 and W 231) (6 cr.)

For additional information about the Medical College Admission Test, the American Medical College Application Service, programs, and application procedures, contact the Health Professions Advisor at (219) 980-7106.

Occupational Therapy

Indiana University offers a six-year program leading to a master's degree in occupational therapy (four years preoccupational therapy leading to a bachelor's degree with a major in any department in the College of Arts and Sciences, and then two years in the master's program offered by Indiana University on the IUPUI campus). IU Northwest offers the courses required for entry into master's programs in occupational therapy. Upon completion of the bachelor's degree, students must apply for entry to a school of occupational therapy for their professional training. Admission to an occupational therapy program also requires documented volunteer or paid experiences in health care settings.

Requirements for occupational therapy programs can vary considerably. The following classes are recommended to fulfill prerequisite requirements for most occupational therapy schools:

- BIOL-L 101 (4 cr.)
- BIOL-L 102 (4 cr.)
- CHEM-C 101 (3 cr.)
- CHEM-C 121 (2 cr.)
- PHSL-P 261 (4 cr.)
- PHSL-P 262 (4 cr.)
- MATH-M 118 or higher (3 cr.)
- ENG-W 131 and W 231 (6 cr.)
- Basic statistics (K 300) (3 cr.)
- Introductory sociology (SOC-S 161) (3 cr.)
- Introductory psychology (PSY-P103) (3 cr.)
- Abnormal psychology (PSY-P 324) (3 cr.)
- Development psychology (PSY-B 310) (3 cr.)
- Medical terminology (1-3 cr.)
- Electives (12-13 cr.)

For further information contact the health professions advisor at (219) 980-7106.

Optometry

Indiana University offers a seven-year program leading to a degree in optometry (three years preoptometry, four years in the School of Optometry). IU Northwest offers courses required for entry in a doctor of optometry program. Upon completion of their bachelor's degree, students must apply to an optometry program for admission.

The following classes are recommended to fulfill prerequisite requirements for most optometry schools:

- BIOL-L 101 (4 cr.)
- BIOL-L 102 (4 cr.)
- BIOL-M 310 with lab (4 cr.)
- plus one additional advanced Biology course (3 cr.)
- CHEM-C 105 & C125 (5 cr.)
- CHEM-C 106 & C 126 (5 cr.)
- CHEM-C 341 & C-343 (5 cr.)

- CHEM-C 484 (3 cr.)
- PHSL-P 261 (4 cr.)
- PHSL-P 262 (4 cr.)
- MATH-M 215 (5 cr.)
- PHYS-P 201 (5 cr.)
- PHYS-P 202 (5 cr.)
- PSY-P 103 (3 cr.)
- PSY-K 300 (3 cr.)
- ENG-W 131 (3 cr.)
- one additional intensive writing course (3 cr.)
- Arts and humanities (6 cr.)
- Social and behavioral sciences (6 cr.)
- Proficiency equivalent of foreign language (6 cr.)

For applications and additional information contact the health professions advisor at (219) 980-7106.

Pharmacy

IU Northwest does not grant a degree in pharmacy, but students may complete prepharmacy courses on this campus. The following plan of study is for students who will apply for admission to the School of Pharmacy and Pharmacal Sciences at Purdue University, West Lafayette campus. (The information is subject to change as a result of action by federal and/ or state governments, the Trustees of Purdue University, the administration of Purdue University, and the faculty of the School of Pharmacy and Pharmacal Sciences.)

The application for admission should be submitted to Purdue University before January 5 to ensure consideration for the fall semester. Students who decide to transfer to another institution may have to adjust their program.

Pre-Pharmacy Requirements

The following classes are recommended to fulfill prerequisite requirements for Purdue School of Pharmacy:

- BIOL-L 101 (4 cr.)
- BIOL-L 102 (4 cr.)
- BIOL-M 310 with lab (4 cr.)
- BIOL-L 321 (3 cr.)
- CHEM-C 105 & C 125 (5 cr.)
- CHEM-C 106 & C 126 (5 cr.)
- CHEM-C 341 & C 343 (5 cr.)
- CHEM-C 342 & C 344 (5 cr.)
- CHEM-C 484 (3 cr.)
- PHSL-P 261 (4 cr.)
- PHSL-P 262 (4 cr.)
- MATH-M 215 (5 cr.)
- MATH-M 216 (5 cr.)
- PHYS-P 201 or PHYS-P 221 (5 cr.)
- Basic statistics (K 300) (3 cr.)
- ECON- E 103 or E 104 (3 cr.)
- ENG- W 131 and W 231 (6 cr.)
- SPCH-S 121 (3 cr.)

Students who complete prepharmacy at IU Northwest can apply for admission to the School of Pharmacy at Purdue and should schedule PHPR200 (Pharmacy Orientation) after transferring. High school and college records will be considered in determining eligibility for admission. A student should also have at least a B+ average for all courses previously taken. In addition, the grade in each

course must be at least a C for the credit to transfer. Grades are not transferred; only credit in the course is recorded. Purdue University does not automatically accept advanced credit that is granted by other universities. A similar program is now in place with the Chicago College of Pharmacy and its 2+3 program.

For further information on the health professions and pharmacy contact the health professions advisor at (219) 980-7106.

Physical Therapy

Indiana University offers a seven-year program leading to a degree in physical therapy (four years prephysical therapy leading to a bachelor's degree with a major in any department in the College of Arts and Sciences, three years in the doctoral physical therapy program offered by Indiana University on the IUPUI campus). IU Northwest offers the courses required for entry into a doctoral program in physical therapy. Upon completion of the bachelor's degree, students must apply for entry to a school of physical therapy for their professional training. Admission to a physical therapy program also requires documented volunteer or paid experiences in health care settings.

Pre-Physical Therapy Requirements

The following classes are recommended to fulfill prerequisite requirements for most physical therapy schools:

- BIOL-L101 (4cr.)
- BIOL-L 102 (4 cr.)
- CHEM-C 105 & C 125 (5 cr.)
- CHEM-C 106 & C 126 (5 cr.)
- Select one of the following physics series:
 - PHYS-P 201 and P 202 (10 cr.)
 - PHYS-P 221 and P 222 (10 cr.)
- PHSL-P 261 (4 cr.)
- PHSL-P 262 (4 cr.)
- Basic statistics (K 300) (3 cr.)
- Introductory psychology (PSY-P103) (3 cr.)
- PSY-B 310 (3 cr.)
- Social science or humanities electives (6 cr.)

This plan of study will satisfy most of the requirements of other institutions. Applicants seeking admission to a physical therapy program should contact the school they are interested in attending for up-to-date information on specific prerequisites and admission requirements.

For further information contact the health professions advisor at (219) 980-7106.

Physician Assistant

Indiana University now offers a degree program in physician assistant studies. The courses needed for admission are available at IU Northwest. Admission to most programs requires a minimum of 3 years (90 credit hours) of study at an accredited college or university. Some programs that offer a master's degree in physician assistant studies also require a bachelor's degree. The course requirements vary quite a bit, although most have similar general requirements.

Pre-Physician Assistant Requirements

The following classes are recommended to fulfill prerequisite requirements for the IU Masters of Physician Assistant program.

- BIOL-L101 (4cr.)
- BIOL-L 102 (4 cr.)
- BIOL-M 310 with lab (4 cr.)
- CHEM-C 105 & C 125 (5 cr.)
- CHEM-C 106 & C 126 (5 cr.)
- CHEM-C 341 & C 343 (5 cr.)
- CHEM-C 342 & C 344 (5 cr.)
- PHSL-P 261 (4 cr.)
- PHSL-P 262 (4 cr.)
- Introductory psychology (PSY-P103) (3 cr.)
- Basic statistics (K 300) (3 cr.)
- Medical terminology (1 cr.)

Admission to a physician assistant program generally requires volunteer or paid experience in a health care setting. Applicants seeking admission to a physician assistant program should contact the school they are interested in attending for up-to-date information on specific prerequisites and admission requirements.

For further information contact the health professions advisor at (219) 980-7106.

Podiatry

Indiana University does not have a degree program in podiatry. However, the courses needed for admission are available at IU Northwest. The minimum requirement for admission to a school of podiatry is completion of three academic years (90 credit hours) of study at an accredited college or university. Applicants are strongly encouraged to obtain a baccalaureate degree before entering a college of podiatry.

Pre-Podiatry Requirements

The following classes are recommended to fulfill prerequisite requirements for all podiatry schools:

- BIOL-L 101 (4 cr.)
- BIOL-L 102 (4 cr.)
- CHEM-C 105 & C125 (5 cr.)
- CHEM-C 106 & C 126 (5 cr.)
- CHEM-C 341 & C-343 (5 cr.)
- CHEM-C 342 & C-344 (5 cr.)
- Select one of the following physics series:
 - PHYS-P 201 and P 202 (10 cr.)
 - PHYS-P 221 and P 222 (10 cr.)
- ENG- W 131 and W 231 (6 cr.)

In addition to the above prerequisite classes, most podiatry schools list recommended classes that students should consider taking.

Science courses must include laboratories.

Further information on the health professions and podiatry may be obtained by contacting the health professions advisor at (219) 980-7106.

Veterinary

Indiana University does not have a degree program in veterinary medicine. However, the courses needed to

apply for admission to such a program are available at IU Northwest.

Candidates must complete a minimum of 70 credit hours of course work before taking the Graduate Record Exam.

Pre-Veterinary Science Requirements

The following classes are recommended to fulfill prerequisite requirements for Purdue University College of Veterinary Science:

- BIOL-L101 (4cr.)
- BIOL-L 102 (4 cr.)
- BIOL-L 311 (4 cr.)
- BIOL-M 310 with lab (4 cr.)
- CHEM-C 105 & C 125 (5 cr.)
- CHEM-C 106 & C 126 (5 cr.)
- CHEM-C 341 & C 343 (5 cr.)
- CHEM-C 342 & C 344 (5 cr.)
- CHEM-C 484 (3 cr.)
- Select one of the following physics series:
 - PHYS-P 201 and P 202 (10 cr.)
 - PHYS-P 221 and P 222 (10 cr.)
- MATH-M 215 (5 cr.)
- ENG- W 131 (3 cr.)
- SPCH-S 121 (3 cr.)
- Humanities electives - 3 classes (9 cr.)
- Nutrition (animal based)
- Careers in Veterinary Science (if available)

If an animal nutrition course is not available at the undergraduate campus, a student may take this course after admission to the program.

Further information on the health professions and veterinary medicine may be obtained by contacting the health professions advisor at (219) 980-7106.

Courses Outside the College of Arts and Sciences

A candidate for a baccalaureate degree in the College of Arts and Sciences must complete satisfactorily at least 105 credit hours in courses in the College of Arts and Sciences unless a student pursues a minor or a certificate in another division of the university that grants degrees. If so, the 105 credit hour minimum in Arts and Sciences may be reduced sufficiently to allow the student to fulfill the minimum number of credit hours for the other division's minor or certificate, providing that all other Arts and Sciences requirements are met. If no such non-Arts and Sciences minor or certificate is pursued, the remaining 15 credit hours may be taken in the College of Arts and Sciences or in divisions of the university that grant degrees. Any credits in excess of 120 will appear on the academic transcript and will be credited to the academic record.

Courses Outside IU Northwest

Current IU Northwest COAS students who seek to take additional courses at another college or university that are specifically required for their IU Northwest major are strongly advised to seek prior approval by their departmental chair, the chair of the department offering the course, and the dean of COAS before those courses are taken to ensure the transfer of those courses back to IU Northwest and the acceptance of those courses for their degree requirements.

Students who leave IU Northwest for a semester or longer, take courses elsewhere, and return to IU Northwest at a later date must go through the usual transfer of credit process as required for students new to IU Northwest; their department chairs and Dean have the right to deny approval of the acceptance of those courses by IU Northwest. Prior approval is advised.

Double Majors and Double Degree

Often, students are passionate about more than one field, are ambitious, and want to improve their marketability. In that case, students may complete the requirements of two (or more) majors and their associated distribution requirements to complete two majors, qualify for two degrees, and receive two diplomas. That is, a student may pursue a BA in History and a BS in Geology and if the student completes both sets of major and both sets of requirements, will receive two degrees and two diplomas. Students pursuing a double degree may use courses in either or both degrees to satisfy designated distribution requirements.

School of the Arts

Phone: (219) 980-6810

Webpage: <http://www.northwest.edu/arts>

About the School of the Arts

The IU Northwest School of the Arts offers degrees in communication, digital media and storytelling, fine arts, and theatre.

We prepare creative and civic professionals to thrive in a fast-paced field of arts, entertainment, and media. We are a center of innovation and multidisciplinary engagement with internationally recognized faculty and a direct pipeline to public and private sector opportunities in Northwest Indiana, Chicago, and beyond.

Highlights include two state-of-the-art theaters, a radio station, light-drenched artist studios, a sculpture garden, and two galleries featuring rotating works by local, national, and international artists.

Communication

Phone: 219-980-6810

Website: <http://www.northwest.iu.edu/communication/>

About the Department of Communication

The communication program provides students with an opportunity to investigate communication processes as they occur within and among individuals, groups, organizations, and societies. Students analyze the human communication process, develop communication skills, and learn how to facilitate the communication of others. Communication is one of the core national areas and IUN recognizes this need by requiring and/or providing the basic SPCH-S121 Public Speaking course across campus curriculums. For purposes of organization and utility, courses in speech, communication, public relations, journalism, and telecommunications have been combined into a single administrative unit within the department.

The major in communication provides the student with a broad-ranged understanding of human communication processes and the ability to apply basic principles, methods, and findings of human communication behavior and research in a variety of settings. The major serves as a foundation for professional fields such as nonprofit and

profit public relations, personnel, sales, and training as well as providing excellent preparation for graduate study in communication, law, the ministry, public administration, public relations, and business.

Communication (COMM), Journalism (JOUR), Speech (SPCH), and Telecommunications (TEL) courses are alpha clustered listed within separate emphasis sections.

Major in Communication

Learning Outcomes

LOC #1: Describe the Communication discipline and its central questions

LOC #2 : Employ Communication theories, perspectives, principles, and concepts

LOC #3 : Engage in Communication inquiry

LOC #4 : Create messages appropriate to the audience, purpose, and context

LOC #5 : Critically analyze messages

LOC #6 : Demonstrate the ability to accomplish communicative goals (self-efficacy)

LOC #7: Apply ethical communication principles and practices

LOC #8 : Utilize communication to embrace difference

LOC #9: Influence public discourse

Requirements

1. A minimum of 30 credit hours, with grades of C- or higher, in courses labeled SPCH, COMM, JOUR, or TEL.
2. As part of the 30 credit hours, students must take SPCH-S 122, SPCH-S 424, SPCH-S 400 (must have 21 credit hours completed in the major before taking capstone course), and Tel-C 200 or COMM-M215.
3. Seniors completing 21 credit hours in the major must take SPCH-S 400 (the capstone course).
4. Communication majors must take a minimum of three additional course designated as intensive writing courses. The Department of Communication offers a choice for the second intensive writing course:
 - SPCH-S405
 - SPCH-S427
 - COMM-J429
 - SPCH-S450
5. A minimum of 15 credit hours must be taken at the 300-400 level within the major. 36 hours required overall.
6. Communication majors are required to augment their academic program in communication with a minor (a minimum of 15 credit hours) in another discipline. The student selects the minor area in consultation with a faculty advisor.

Most of the courses fall into one of three interest areas:

Interest Areas for Communication Majors

Cultural & Relational Communication

- COMM-J 219 Introduction to Public Relations (3 cr.)
- COMM-M 460 Culture and Mass Communication (3 cr.)
- SPCH-S 122 Interpersonal Communication (3 cr.)

- SPCH-S 322 Advanced Interpersonal Communication (3 cr.)
- SPCH-S 405 Human Communication Theory (3 cr.) (*intensive writing course*)
- SPCH-S 450 Gender and Communication (3 cr.) (*intensive writing course*)

Business Communication and Public Relations

- COMM-J 219 Introduction to Public Relations (3 cr.)
- COMM-C320 Advanced Public Speaking (3 cr.)
- COMM-J321 Advanced Public Relations (3 cr.)
- COMM-J429 Public Relations Campaigns (3 cr.) (*intensive writing course*)
- SPCH-S 223 Business and Professional Speaking (3 cr.)
- SPCH-S 405 Human Communication Theory (3 cr.)
- SPCH-S 450 Gender and Communication (3 cr.)

New Media Studies and Mass Communication

- COMM-C215 Media Literacy (3 cr.)
- COMM-J 219 Introduction to Public Relations (3 cr.)
- COMM-C 340 Practicum in Media Production (3 cr.)
- COMM-C 351 TV Production I (3 cr.)
- COMM-C462 Media Theory & Criticism (3 cr.)
- JOUR-J 200 Writing for Mass Media (3 cr.)
- TEL-C 200 Introduction to Mass Communication (3cr.)
- TEL-R 204 Foundations of Telecommunications (3 cr.)
- TEL-R 308 Radio Production and Directing (3 cr.)

Degree Attainment Meets Diverse Scheduling Needs

The Department of Communication is committed to making the communication major available to part-time and working students. Multiple courses are offered in the evening and during the summer to meet diverse scheduling needs. Communication majors must also complete the general education requirements for the Bachelor of Arts degree in the College of Arts and Sciences as well as general university requirements.

Internships

Internships are recommended for communication majors. SPCH-S 490 requirements include minimums of junior or senior standing, 21 credit hours of completed communication courses, a 3.0 grade point average in the major, an overall 2.5 grade point average (or higher), faculty supervision, and departmental approval.

Practicum & Independent Study

There are also practicum and independent study courses such as COMM-C 340 and SPCH-S398 for students wishing to tailor their educational experience.

Major in Digital Media and Storytelling (ONLINE)

The Bachelor of Science in Digital Media and Storytelling is a fully online degree offered by IU Northwest collaboratively with the other regional IU campuses. Students will have the opportunity to develop career-ready skills in digital media and communication by taking a wide range of courses in addition to completing a capstone.

Learning Outcomes

1. Apply theories of mass and mediated communication in the use and presentation of images and information.
2. Critically evaluate and assess information in its credibility, use, and effectiveness in public communication messages.
3. Use digital tools creatively to develop stories, images, and messages.
4. Engage and inform audiences in multiple contexts.
5. Analyze the historical, legal, and ethical dimensions of professional practices.
6. Use a range of skills to work effectively both independently and collaboratively to accomplish goals.
7. Conduct and apply research using methods appropriate to media professions.

To earn the B.S. in Digital Media and Storytelling, students must complete the standard campus-and school-specific degree requirements, including general education, of their campus of enrollment, and the 40 hours B.S. in Digital Media and Storytelling major.

Degree requirements are as follows:

I. Digital Media Storytelling—Core (22cr)

1. Writing (2 courses/6 cr)

i. Complete one of:

ENG-W 203 Creative Writing

ii. Complete one of:

ENG-W 231 Professional Writing

ENG-W 234 Technical Report Writing

ENG-W 270 Argumentative

JOUR-J 200 Reporting, Writing, Editing

NEWM-N 260 Scriptwriting

2. Visual Literacy (3 cr)

Complete one of:

JOUR-J 210 Visual Communication

COMM-M 215 Media Literacy

3. Digital Tools (3 cr)

Complete one of:

FINA-D 210 Digital Art: Survey and Practice

COMM-M 210 Media Message Design

NEWM-N 202 Digital Storytelling

4. Gateway to the Digital Media Storytelling Major (3 cr)

Complete:

JOUR-J 205 Sophomore Seminar Digital Media Storytelling

5. Career Preparation (1cr) (existing courses to be used until new class developed)

Complete one of:

JOUR-J 307 Media Career Planning

JOUR-J 400 Careers in Public Relations

6. One Media Law class (3cr)

Complete one of:

JOUR-J 300 Communications Law

CMCL-C 328 Digital Responsibilities and Rights

7. One Media History class (3 cr)

Complete one of:

COMM-M 370 History of Television
 COMM-M 373 Film and Video Documentary
 FINA-A 477 History of Photography
 FILM-C393 History of European & American Film I
 FILM-C394 History of European & American Film II
 FILM-C 395 History of American Film

II. Digital Media and Storytelling Specializations (15cr)

Complete of the following five course specializations:

A) Public Relations (15cr)

1. Public Relations Core

Complete the following 4 classes:

COMM-J 321/JOUR-J 321/SPCH-S 233 Introduction to Public Relations
 JOUR-J 349/JOUR-J 390/SPCH-S 333/COMM-C 349 Public Relations Writing
 COMM-C 429/JOUR-J 429 Public Relations Campaigns
 JOUR-J 403 Public Relations Research
 2. Theories of Public Relations and Media Culture

Complete one of:

CMCL-C 315 Advertising and Consumer Culture
 CMCL-C 324 /COMM-R 321 Persuasion
 COMM-C 462 Media Theory & Criticism
 COMM-M 462 Television Aesthetics/Criticism
 SPCH-S 303 Propaganda and Persuasion
 JOUR-J 410 Media as Social Institutions

B) Digital Storytelling (15cr)

1. Advanced Making courses (9cr)

Complete courses selected from each of the following three categories.

i. Writing as Making

Complete one of:

ENG-W 301 Writing Fiction
 ENG-W 302 Introduction to Screen Writing
 NEWM-N 260 Script Writing
 ENG-W 303 Writing Poetry
 ENG-W 305/W311 Writing Creative Non-Fiction
 ENG-W 315 Writing for the Web
 ENG-W 318 Finding Your E-Voice
 ENG-W 323 Digital Writing
 ii. Digital, Photography, and Video—Lens-Based Image Construction

Complete:

FINA-S 303 Lens-Based Narrative Construction
 iii. Interactive/Emergent Media

Complete one of:

JOUR-J 301 Social Media Strategies
 JOUR-J 303 Online Journalism
 NEWM-N 485 Social Media Content, Analytic

2. Media Critique and Analysis Course (3cr)

Complete one

CMCL-C 315 Advertising and Consumer Culture

CMCL-C 324 Persuasion

COMM-C 462 Media Theory & Criticism

COMM-M 462 Television Aesthetics/Criticism

COMM-R 321 Rhetoric, Culture & Society

SPCH-S 303 Propaganda and Persuasion

JOUR-J 410 Media as Social Institutions

3. Media Audiences and Platforms

Choose one of:

COMM-C 316 Human Communication in the Digital Age
 SPCH-S 333/JOUR-J 390/JOUR-J 349 Public Relations Writing

ENG-W 315 Writing for the Web

ENG-W 318 Finding Your E-Voice

ENG-W 323 Digital Writing

III. Digital Media Storytelling Capstone

JOUR-J 495 Digital Media and Storytelling Capstone

Interdepartmental Major in African-American and African Diaspora Studies and Communication

The Departments of Communication and Minority Studies offer a thematically integrated major in African-American and African Diaspora and Communication Studies. This interdepartmental major is designed for students who wish to combine substantial African-American and African Diaspora studies with their work in the communication major. (Details available under the "Department of Minority Studies" section of this bulletin.)

Minor in Communication Requirements

- SPCH-S 121 (3 cr.)
- SPCH-S 122 (3 cr.)
- SPCH-S 223 (3 cr.)
- Select a minimum of 6 credit hours at the 300-400 level

With careful planning, it is possible for students to eventually earn a minor through successfully completing required courses offered during a combination of evenings, summer sessions, and weekends.

Graduate Certificate in Communication Studies

The graduate certificate in Communication Studies is taught consorcially by IUPUI, IU East, IU Kokomo, IU Northwest, IU South Bend, and IU Southeast.

The IU Online Graduate Certificate in Communication Studies provides graduate-level instruction in communication strategies, practices, and techniques. It teaches practical communication skills needed in professional, academic, and personal contexts, such as presenting information, arguing a position, promoting a cause, presenting information via social media, designing targeted messages, and managing relations and conflicts.

Degree requirements

The Graduate Certificate in Communication Studies requires completion of six course for 18 credits and provides graduate-level instruction in communication strategies, practices and techniques to students interested in obtaining advanced skills and knowledge.

Requirements:

1. Communication Pedagogy

Complete CMCL-C 545 Pedagogy in Communication and Culture (3 cr.).

2. Communication in Context

Complete three courses chosen from the following list (9 cr.):

COMM-C 510 Health Provider-Consumer Communication
 COMM-C528 Group Communication And Organizations
 COMM-C 544 Advanced Relational Communication
 CMCL-C 500 Intro to Graduate Studies and Research
 CMCL-C 550 Family Communication
 CMCL-C 592 Advanced Health Communication
 CMCL-C 593 Topics in Communication: approved topics
 CMCL-C 594 Communication and Conflict Management in Organizations
 CMCL-C 610 Identity and Difference
 ENG-R 546 Rhetoric and Public Culture
 JOUR-J 522 Political Communication
 SPCH-S 502 Intro to Communication Theory
 SPCH-S627 Studies in Cross Cultural Communication
 SPCH-S633 Studies in Interpersonal Communication
 SPCH-S640 Studies in Organizational Communication

3. Communication in Media

Complete one of the following three course (3 cr.)

CMCL-C 593 Topics in Communication: VT: Social Media and Communication
 CMCL-C 602 Media, Terrorism, and Politics
 CMCL-C 606 Media Criticism
 CMCL-C 621 Social Media and Communication
 COMM-C 530 Communication Criticism
 COMM-C 531 Media Theory and Criticism

4. Communication Studies Elective

Complete an additional course selected from the courses listed above or an MLS approved alternative (3 cr.).

Fine Arts

Phone: (219) 980-6810

Website: <http://www.northwest.iu.edu/fine-arts/>

About Fine Arts

Two types of courses are offered: history of art, taught by illustrated lectures and class discussion; and practice of art, consisting of studio work on creative and technical problems.

Major in Studio Practice - B.A.

The B.A. in studio practice offers a wide-ranging study of the studio arts with an accompanying minor in Art History to prepare students for lifelong visual literacy and employment in the arts. This program exposes students to multiple introductory through advanced-level studio courses while encouraging exploration with new artistic directions, alternative media, or conceptual works.

Requirements

- Minor in Art History
 - FINA-A101 and FINA-A102 (6 cr.)
 - Art history at the 300 and 400 level (9 cr.)
- Fundamental studio (9 cr.)
- Studio courses above the 100 level (minimum of 19 cr.) must include a minimum of three and a

maximum of five of the introductory (200-level) courses

- FINA-A 435 Art Theory for Graduating Seniors (2-3 cr.) must be taken during the fall semester.
- During the final year, students have the option to choose to assume full responsibility for mounting a personal exhibit that will include terminal and representative work in the major field. To participate in the senior exhibition, the student must:
 - File in the departmental office an "Intent to Graduate" one calendar year prior to the intended completion date. You must meet with your principal teacher to determine if you are prepared to enroll in FINA-S 497.
 - Submit a portfolio of the most recent and best work in the major discipline to the departmental office before the completion of the fall semester, prior to enrolling in FINA-S 497. The studio program in the final year shall be coordinated with the evaluation of the portfolio.
 - Enroll in FINA-S 497 Independent Study in Studio Art for the spring semester during the final year. (1-3 cr.)
 - Prepare the exhibit under the principal teacher's guidance. This will include drafting a descriptive statement about the work in the exhibit: goals, intent, approach, techniques, etc.
 - Be prepared to exhibit in accordance with the departmental schedule at any time during the final semester. FINA-A 435 and FINA-S 497 fulfill the capstone requirement.
 - Graduating Senior Exhibit
- Students must also complete the general requirements of the College of Arts and Sciences

Total (45 cr.)

The final grade for FINA-S 497 will be based on Senior Exhibit, and will be determined by a faculty committee.

Transfer Credit in Studio

All incoming students who want to transfer studio credit from another institution must submit a digital portfolio and should include the better work done in each course for which credit transfer is desired. The faculty shall devise a minimal studio program in residence, specifically based upon evaluation of the portfolio, for each transfer student.

Interdepartmental Major: CIS and Fine Arts Bachelor of Arts in Computer-based Graphic Arts

Computer-based graphic artists are sought-after in the job market. The students who graduate with this degree will have a strong background in artistic (fine arts) and computer (CIS) skills. Computer-based graphic arts are widely used tools in business, industry, and the arts.

The student will have two official advisors—one in the Department of Fine Arts and one in Computer Information Systems—who will help plan the course of study in detail and with frequent consultations.

Requirements in Department of Fine Arts Va (25 cr.)

- Select one of the following:

- FINA-F 100 Fundamental Studio-Drawing (3 cr.)
- FINA-F 102 Fundamental Studio-2D (3 cr.)
- FINA-S 250 Introduction to Design Practice (3 cr.)
- FINA-S 351 Typography (3 cr.)
- FINA-S 352 Production for Graphic Design (3 cr.)
- FINA-S 353 Graphic Design IV (3 cr.)
- FINA-S 413 Typography (2 cr.)
- FINA-S 414 Layout and Design (2 cr.)
- FINA-S 415 Package Design (2 cr.)
- FINA-S 451 Graphic Design Problem Solving (3 cr.)
- FINA-S 497 Capstone - Independent Study in Fine Arts (1-3 cr.)

Requirements in Department of Fine Arts Vb (8-9 cr.)

- 3 credit hours in the FINA-A100 series (history of art)
- 3 credit hours of 300 or 400 level art history
- FINA-A435 CAPSTONE Art Theory (2-3 cr.)

Requirements in Computer Information Systems (18 cr.)

- CSCI-A 106 Introduction to Computing (3 cr.)
- CSCI-A 251 Introduction to Digital Imaging Application (3 cr.)
- CSCI-A 348 Mastering the World Wide Web (3 cr.)
- INFO-N 248 Design Principles in Web Design (3 cr.)
- INFO-N 215 Online Document Development (3 cr.)
- Select one of the following:
 - CSCI-A 340 An Introduction to Web Programming (3 cr.)
 - **or** INFO-I 310 Multimedia Arts and Technology (3 cr.)
 - **or** INFO-I 400 Topics in Informatics (3 cr.)
 - **or** CSCI-C 390 Individual Programming Lab (3 cr.)

Total (51 cr.)

In addition to the preceding courses the students are responsible for fulfilling the general requirements of the College of Arts and Sciences.

There is a Bachelor of Science version of this inter-departmental degree. See the Fine Arts Department section for details. schools/coas/departments/computer/major-cis-arts

Major in Studio Practice - B.F.A.

The B.F.A. degree offers an intensive study of the studio arts with an accompanying focus on art history to prepare students for lifelong visual literacy, employment in the arts, and application to graduate programs. This program requires students to master introductory through advanced-level studio courses in a specific medium while encouraging exploration with new artistic directions, alternative media, or conceptual works.

Admission to B.F.A Program

Admission to the B.F.A program is based upon a portfolio and transcript review. Prerequisites for admission include:

1. Completion of the following courses:
 - A101 and A102 art history (6 cr.)
 - Fundamental studio (9 cr.)

- Two, 200 level studio courses
- English W131
- One of the following math courses: M100, M118, M119, M125, or M215

2. Portfolio review by department committee

Learning Outcomes

LOC #1: A BFA level of visual literacy and aesthetic awareness

LOC #2: A familiarity and competency in a chosen artistic medium

LOC #3: An introductory level understanding of aesthetics and art theory

LOC #4: A general understanding of the history of art

LOC #5: The ability to produce and exhibit a personal body of artworks

LOC #6: A competency in writing about art and the ability to produce an artistic statement

Requirements Va (57 cr.)

- Fundamental Studio (9 cr.)
- Studio courses above 100 level (48 cr.) must include a minimum of three and a maximum of six of the introductory (200 level courses)
- S497 Independent Study in Studio Art, Capstone, for the spring semester during the final year (1-3 cr.)
- During the final year, each student must assume full responsibility for mounting a personal exhibit that will include terminal and representative work in the major field and, if applicable, in the minor field as well. To meet this requirement, the student must:
 - Complete the Senior Review degree audit one calendar year prior to the intended completion date. You must meet with your principal teacher to determine if you are prepared to enroll in FINA-S 497.
 - Submit a portfolio of the most recent and best work in the major discipline to the departmental office before the completion of the fall semester, prior to enrolling in FINA-S 497. The studio program in the final year shall be coordinated with the evaluation of the portfolio.
 - Enroll in FINA-S 497 Independent Study in Studio Art for the spring semester during the final year. (1-3 cr.)
 - Prepare the exhibit under the principal teacher's guidance and in consultation with Gallery director. This will include drafting a descriptive statement about the work in the exhibit: goals, intent, approach, techniques, etc.
 - Be prepared to exhibit in accordance with the departmental schedule at any time during the final semester. FINA-A 435 and FINA-S 497 fulfill the capstone requirement.
 - Graduating Senior Exhibit
 - Students must also complete the general requirements of the College of Arts and Sciences

- The final grade for FINA-S497 will be based on the Senior Exhibit, and will be determined by a faculty committee.

Requirements Vb (14 cr.)

- FINA-A 101 and FINA-A 102 art history (6 cr.)
- Two 300 level art history (6 cr.)
- FINA-A 435 (2-3 cr.)

Total (71 cr.)

Transfer Credit in Studio

All incoming students who want to transfer studio credit from another institution must submit a digital portfolio and should include the better work done in each course for which credit transfer is desired. The faculty shall devise a minimal studio program in residence, specifically based upon evaluation of the portfolio, for each transfer student.

Minor in Graphic Design

Working across media, IU Northwest graphic design students gain technical and creative thinking skills while learning design methods and processes essential to a professional career in design. The Minor in Graphic Design will give students an introduction to the standards of a professional design practice while teaching them production and technical skills necessary to pursue a career as a production design or junior designer.

Requirements

Core courses (6 credit hours)

- FINA-S 250 Introduction to Design Practice (3 cr.)
- FINA-S 351 Typography (3 cr.)

Elective courses (9 credit hours)

- FINA-S 352 Production for Graphic Design (3 cr.)
- FINA-S 353 Graphic Design IV (3 cr.)
- FINA-S 413 Typography (2 cr.)
- FINA-S 414 Layout and Design (2 cr.)
- FINA-S 415 Package Design (2 cr.)
- FINA-S 400 Independent Studio Projects (1-6 cr.)
- FINA-S 451 Graphic Design Problem Solving (3 cr.)

Total (15 cr.)

Minor in Fine Arts

Six options: Drawing, Painting, Printmaking, Photography, Sculpture, Ceramics, Graphic Design

Required courses in all options:

- Select one of the following (3 cr.)
 - FINA-F 100
 - FINA-F 101
 - FINA-F 102
- Art history FINA-A 100 level (3 cr.)
- 3 Studio Art classes at the 200 or above level (9 cr.)

Total (15 cr.)

Minor in Art History Requirements

- FINA-A 100 level art history courses (6 cr.)

- 300 or 400 level art history courses, excluding FINA-A 435 (9 cr.)

Total (15 cr.)

Performing Arts

Phone: (219) 980-6810

Website: <http://www.northwest.iu.edu/performing-arts/>

Performing Arts

Performing arts provides academic curricula in music, theatre, and dance for students who seek to develop careers in these areas. Extensive performance programs provide practical experiences that complement classroom study.

Major in Theatre - currently not admitting students

The Department of Performing Arts (THTR) recognizes a symbiotic relationship between theatre production experience and classroom study. Requirements for the Major in Theatre are therefore distributed between practicum, production laboratory, and academic courses in the performing arts.

Requirements (39 cr.)

THEATRE CORE courses (9 cr.)

- THTR-T 120 Acting I (3 cr.)
- THTR-T 228 Design for the Theatre (3 cr.)
- THTR-T 340 Directing I (3 cr.) prerequisites: THTR-T 120 and THTR-T 228 or consent of instructor

PRODUCTION EXPERIENCE (9 cr.)

- THTR-T 168 Practicum (total of 6 cr. required, 1-2 cr. per semester) work on a campus production as a member of the acting company, stage management crew, or production staff
- THTR-T 490 Independent Study in Theatre and Drama (3 cr.) a capstone project planned in advance with a theatre faculty advisor

LABORATORY EXPERIENCE (6 cr.)

- Select two from the following:
 - THTR-T 225 Stagecraft I (3 cr.)
 - THTR-T 230 Costume Design and Technology (3 cr.)
 - THTR-T 335 Stage Lighting Design (3 cr.)

HISTORY, LITERATURE, THEORY (6 cr.)

- THTR-T 470 History of the Theatre I (3 cr.)
- THTR-T 471 History of the Theatre II (3 cr.)

THTR ELECTIVES (9 cr.)

- Select from any THTR courses not listed above

UPPER DIVISION COURSES IN MAJOR (300 level or above) (15 cr.)

Minor in Theatre Requirements (15 cr.)

THEATRE CORE course (3 cr.)

Select one from the following:

- THTR-T 120 Acting I (3 cr.)
- THTR-T 228 Design for the Theatre (3 cr.)

PRODUCTION EXPERIENCE (3 cr.)

THTR-T 168 Practicum (1-2 cr. per semester) work on a campus production as a member of the acting company, stage management crew, or production staff

LABORATORY EXPERIENCE (3 cr.)

Select one from the following:

- THTR-T 225 Stagecraft I (3 cr.)
- THTR-T 230 Costume Design and Technology (3 cr.)
- THTR-T 335 Stage Lighting Design (3 cr.)

HISTORY, LITERATURE, THEORY (3 cr.)

Select one from the following:

- THTR-T 470 History of the Theatre I (3 cr.)
- THTR-T 471 History of the Theatre II (3 cr.)

THTR ELECTIVES (3 cr.)

Music Minor

Requirements (19-20cr):

CORE COURSES (8-9cr)

- MUS-P100 Piano Elective/Secondary (2cr.)

and select 2 from the following:

- MUS-M111 Music Literature (4 cr.)
- MUS-M174 Music for the Listener (3 cr.)
- MUS-T109 Rudiments of Music 1 (3 cr.)

HISTORY AND CULTURE (6 cr) Select one of the following:

- MUS-A190 Arts, Aesthetics, and Creativity (3 cr.)
- MUS-M333 Hip-Hop Music and Culture (3 cr.)
- MUS-M430 Introduction to Contemporary Music (3 cr.)
- MUS-M201 The Literature of Music 1 (2-3 cr.)
- MUS-M202 The Literature of Music 2 (2-3 cr.)
- MUS-M393 History of Jazz (3 cr.)
- MUS-M 400 Undergraduate Readings in Musicology (1-6 cr)
- MUS-Z201 History of Rock and Roll Music (3 cr.)
- MUS-Z315 Music for Film (3cr.)
- MUS-Z373 The American Musical (3 cr.)

CREATIVE PRACTICE (2 cr) Select one of the following:

- MUS-L101 Beginning Guitar (2 cr.)
- MUS-P100 Piano Elective/Secondary (2cr.)
- MUS-V100 Voice Elective/Secondary (2 cr.)

ELECTIVE (3 cr)

Any MUS courses not already applied to the minor

Dance Program

The Department of Performing Arts offers coursework in a variety of dance courses for students who wish to learn a dance style, or further refine their skills.

Dance Courses include

- MUS-J 100 Ballet (2 cr.)
- MUS-J 200 Ballet (secondary) (2 cr.)
- THTR-D115 Modern Dance I (2cr.)
- THTR-D140 Jazz I (2cr.)

- THTR-D205 Choreography (3 cr.)
- THTR-D231 Intro to Dance Studies (3cr.)

Departments

Biology

Phone: (219) 980-6724

Webpage: <http://www.northwest.iu.edu/biology>

About the Department of Biology

Biology is the study of life. The Department of Biology at IU Northwest offers an interdisciplinary program in the life sciences leading to a Bachelor of Science degree, or a Bachelor of Arts degree. Students majoring in other subjects may also earn a Minor in Biology. Our undergraduate programs are designed to interface with the faculty's expertise in biomedical sciences, biotechnology, and environmental and ecological sciences. The programs are diverse, flexible, and designed to accommodate individuals who have a wide range of interests within the life sciences. Courses are available for students seeking preprofessional training in the medical sciences (premedical, pre dental, and allied health sciences), for those pursuing occupations in biotechnology, forensics, and the pharmaceutical industry, for students intending to continue with graduate studies, and for those interested in environment and conservation. We firmly believe that the training of an undergraduate student is enhanced by experience in the "discovery side" of the discipline. Thus, students are encouraged to participate in research with faculty mentors. Our faculty maintain active research programs, offering students the opportunity to engage in research projects across a broad spectrum of life science disciplines.

Each student majoring in biology is encouraged to acquire in-depth knowledge in related scientific disciplines or in other areas of study that use biology or contribute to biological methodologies. Biology students are thus encouraged to consider obtaining a minor in another area of study. The student's advisor will help plan such a program, which may be in disciplines in the College of Arts and Sciences or in other divisions of the university.

Learning Outcomes

1. Students will understand the core and fundamental aspects of living systems.
2. Students will be able to conduct scientific research with emphasis on biological research.
3. Students will be able to communicate effectively their understanding of life.
4. Students will know how to link their training in biology to the common good and the planet.

In addition to course work structured for the biology major, the Biology Department offers an array of classes designed for students majoring in other disciplines who are interested in certain areas of the life sciences.

The Department of Biology sponsors a chapter of Beta Beta Beta, the national biology honor society. Moreover, many of our students belong to student run organizations with faculty advisors such as the Biology Club and the PreProfessional Studies Club. These organizations foster friendships and community among students interested in the biological sciences and other sciences, and offer

outside avenues for learning and gaining experience related to their formal training within the department.

Special Programs for Preprofessional Students in the Health Sciences

Students interested in a preprofessional curriculum for medicine, dentistry, podiatry, optometry, or other health fields should refer to the preprofessional curriculum section in this bulletin. No specific major or degree program is required for preprofessional students. Students desiring a B.S. or B.A. biology degree should consult with the biology faculty and advisor to plan their course work. Most professional schools prefer students who will have completed a B.S. or B.A. degree before actually beginning the professional curriculum.

Options for Special Credit

Course credit may be awarded for high scores on the Advanced Placement and College Entrance Examination Board tests. Please see the Admissions Office and/or the Biology Department for more information.

Major in Biology - B.S.

The Bachelor of Science in Biology degree provides students with a rigorous general background in the field of biology to prepare for graduate or professional school or science-related jobs requiring bachelor's-level training. The requirements in chemistry, mathematics, and physics have been selected to optimize the student's future opportunities. The degree provides a solid foundation in fundamental biology and cognate areas.

Requirements

Students must take the following sequence of classes in the major discipline (Group Va courses):

- BIOL-L 101 (4 cr.)
- BIOL-L 102 (4 cr.) prerequisite* of BIOL-L 101
- BIOL-L 211 (3 cr.) prerequisite* of BIOL-L 101, CHEM-C 105, and CHEM-C 125; CHEM-C 106 and CHEM-C 126 may be taken as prerequisites or co-requisites
- BIOL-L 311 (4 cr.) prerequisite* of BIOL-L 211

*=passing with a grade of C- or better

- At least 25 additional credit hours in Biology upper-level (300-400) courses must be completed.
- Students must complete at least four additional upper level labs.
- BIOL-L 403 (Senior Seminar, 1cr.) must be completed during the senior year.
- A course such as BIOL-L 331, BIOL-L 420, BIOL-Z 466 or BIOL-L 473 will satisfy the capstone requirement.

A minimum of one course must be taken from the three areas listed below (each with example courses):

- Molecular and Cellular Biology
 - BIOL-L 312 (3-4 cr.)
 - BIOL-M 310 (3-4 cr.)
 - BIOL-L 321 (3 cr.)
 - BIOL-L 323 (3 cr.)
- Genetics, Development, Evolutionary Biology
 - BIOL-L 318 (3 cr.)
 - BIOL-L 331 (3 cr.)

- BIOL-Z 317 (3 cr.)

- Ecology, Physiology, and Organismal Biology
 - BIOL-B 351 (3 cr.)
 - BIOL-B 352 (2 cr.)
 - BIOL-Z 406 (3-4 cr.)
 - BIOL-L 473 (3-4 cr.)
 - PHSL-P 431 (4 cr.)

Students should consult with the Biology faculty for additional information concerning prerequisites and course content.

In addition to the required biology courses, the student must complete the following courses outside the major discipline (Group Vb courses):

- The following courses are required:
 - CHEM-C 105 (3 cr.)
 - CHEM-C 125 (2 cr.)
 - CHEM-C 106 (3 cr.)
 - CHEM-C 126 (2 cr.)
 - CHEM-C 341 - Organic Chemistry I (3 cr.)
 - CHEM-C 343 - Organic Chemistry I lab (2 cr.)
 - CHEM-C 342 - Organic Chemistry II (3 cr.)
 - Select one of the following
 - CHEM-C344 - Organic Chemistry II lab (2 cr.)
 - BIOL-L 323 - Molecular Biology lab (3 cr.)
- Select one of the following series of physics classes
 - PHYS-P 201 (5 cr.) and PHYS-P 202 (5 cr.)
 - PHYS-P 221 (5 cr.) and PHYS-P 222 (5 cr.)
- Math-M215 - Calculus (5 cr.)
- PSY-K 300 - Statistics (3 cr.)
- select one of the following computer science classes:
 - CSCI-A 106 (3 cr.)
 - CSCI-C 106 (3 cr.)
 - CSCI-A 201 (4 cr.)
 - CSCI-C 201 (4 cr.)

In addition to the above courses, the student is responsible for fulfilling the general requirements of the Bachelor of Science degree as established by the College of Arts and Sciences.

Major in Biology - B.A.

Requirements

Students must take the following sequence of classes in the major discipline (Group Va courses):

- BIOL-L 101 (4 cr.)
- BIOL-L 102 (4 cr.) prerequisite* of BIOL-L 101
- BIOL-L 211 (3 cr.) prerequisite* of BIOL-L 101, CHEM-C 105, and CHEM-C 125; CHEM-C 106 and CHEM-C 126 may be taken as prerequisites or co-requisites
- BIOL-L 311 (4 cr.) prerequisite* of BIOL-L 211

*=passing with a grade of C- or better

- At least 18 additional credit hours in Biology upper-level (300-400) courses must be completed.
- Students must complete at least two additional upper level labs.
- A course such as BIOL-L 331, BIOL-L 420, BIOL-Z 466 or BIOL-L 473 will satisfy the capstone requirement.

A minimum of one course must be taken from the three areas listed below (each with example courses):

- Molecular and Cellular Biology
 - BIOL-L 312 (3-4 cr.)
 - BIOL-M 310 (3-4 cr.)
 - BIOL-L 321 (3 cr.)
 - BIOL-L 323 (3 cr.)
- Genetics, Development, Evolutionary Biology
 - BIOL-L 318 (3 cr.)
 - BIOL-L 331 (3 cr.)
 - BIOL-Z 317 (3 cr.)
- Ecology, Physiology, and Organismal Biology
 - BIOL-L 300 (3 cr.)
 - BIOL-Z 406 (3-4 cr.)
 - BIOL-L 473 (3-4 cr.)
 - PHSL-P 431 (4 cr.)

Students should consult with the department for additional information concerning prerequisites and course content.

- The following general chemistry courses outside the major discipline (Group Vb courses) are required and should be taken concurrently with BIOL-L 101 and BIOL-L 102
 - CHEM-C 105 (3 cr.)
 - CHEM-C 125 (2 cr.)
 - CHEM-C 106 (3 cr.)
 - CHEM-C 126 (2 cr.)

Students planning on applying to graduate or professional school should take:

- chemistry through CHEM-C 344
- PHYS-P 201
- PHYS-P 202
- mathematics at least through MATH-M 215
- statistics (PSY-K 300 or equivalent)
- computer language / application course.

In addition to the above courses, the student is responsible for fulfilling the general requirements of the Bachelor of Arts degree as established by the College of Arts and Sciences.

TSAP in Biology - B.A. or B.S.

Completion of an eligible AS or AA degree at Ivy Tech or Vincennes may put you on a Single Articulation Pathway to a BA or BS at IU Northwest, without a loss of credit hours.

For more information on the TSAPs in Biology see Single Articulation Pathways - Indiana University Northwest.

Minor in Biology

A biology minor requires a minimum of 18 credit hours in biology. Students must complete one 100 level biology

course (e.g. L100 or P130) and at least four (4) additional biology classes at the 200 level and above. Alternatively, a minor can be earned by taking L101, L102, and at least three (3) additional biology classes at the 200 level and above.

Graduate Certificate in Biology

This 100 percent online, consortial program is taught by IU Bloomington, IU East, IU Kokomo, IU Northwest, IUPUI, and IU Southeast.

As a student in the IU Online Graduate Certificate in Biology, you analyze and explore the nature of life and living organisms at an advanced level. You gain the ability to break down and analyze biological concepts for an undergraduate audience, the ability to develop and analyze hypotheses and experiments, a fluency with scientific literature, and a richer understanding of biology in the natural world around us.

Specific areas of focus include:

- Evolution
- Ecology and environmental biology
- Organismal biology
- Cell and molecular biology, and biochemistry
- Genetics, bioinformatics, and genomics
- Anatomy and physiology
- Developmental biology

Of Special Interest for Dual-credit and Community College Instructors Needing to Meet HLC Standards

The Higher Learning Commission (HLC) requires all high school teachers who teach dual-credit or other college-level courses to hold a master's degree in the field, or to have a master's degree in another area (such as education), plus at least 18 credit hours of graduate coursework in the discipline. The Graduate Certificate in Biology provides these 18 discipline-specific credit hours and prepares you for such careers as:

- Biology dual-credit teacher (high school)
- Biology instructor (community college)

Certificate Requirements

To earn the Graduate Certificate in Biology, you must complete 18 credit hours.

Required Coursework

To earn the Graduate Certificate in Biology students will complete six graduate biology courses that meet the distribution and breadth requirements described below for a total of 18 credits. All courses are three (3) credit hours unless otherwise noted.

1. Evolutionary Biology (3 cr)

GC Biology students complete the following course:

BIOL-T 570 Evolution

2. Molecular-Cellular Biology (6 cr)

GC Biology students complete two (2) courses selected from this list:

BIOL-T 571 Introductory Biochemistry
 BIOL-T 574 The Immune System and Disease
 BIOL-T 575 Molecular Biology

BIOL-T 577 Molecular Genetics and Genomics**3. Organismal Biology (6 cr)**

GC Biology students complete two (2) courses selected from this list:

BIOL-T 582 Advanced Field Zoology

BIOL-T 583 Problems in Genetics - Higher Organisms

BIOL-T 585* Model Organisms in Research (*Counted only once)

BIOL-T 586 Principles of Ornithology

4. GC Biology Capstone (3 cr)

GC Biology students complete one capstone course selected from this list:

BIOL-T 585 Model Organisms in Research

BIOL-T 591 History of Life

BIOL-T 592 Social Implications of Biology

For more information on the Graduate Certificate in Biology see <https://online.iu.edu/degrees/biology-certificate.html>.

MAT in Biology

This 100 percent online, consortial program is taught by IU Bloomington, IU East, IUPUI, IU Kokomo, IU Northwest, IU South Bend, and IU Southeast. This consortial model allows you to take coursework from several campuses and learn from a wide range of faculty.

The IU Online Master of Arts for Teachers in Biology combines coursework in education and biology to prepare you to be a dual-credit instructor at the high school and community college levels.

The educational component of the program teaches you how to apply the science and art of teaching to college-level instruction. Coursework covers instruction and curriculum, assessment, diversity and inclusive teaching, and research.

Students in the MAT in Biology will cover the following content areas -

Evolution

Ecology / Environmental Biology

Organismal Biology

Cell / Molecular Biology / Biochemistry

Genetics / Bioinformatics and Genomics

Anatomy and Physiology

Developmental Biology

Program Learning Outcomes**Biology Component**

Upon completion of the Master of Arts for Teachers in Biology, students will be able to demonstrate:

1. Fluency with scientific literature
2. Expertise (breadth and depth) in Biology
3. Ability to develop and analyze hypotheses and experiments
4. An understanding of the impact of Biology on society.

Education Component

Upon completion of the Master of Arts for Teachers in Biology, graduates will be able to—

1. Engage in the development of rigorous curriculum planning and design;
2. Promote college-level study skills and habits of mind;

3. Use assessment data to inform college-level instructional practices;

4. Prepare dual-credit students for success in college-level assessments;

5. Conduct research to improve dual-credit instruction.

Of Special Interest for Teachers/Instructors Needing to Meet HLC Dual-Credit Standards

The stackable structure of the MAT in Biology is ideal for those who want to teach dual-credit courses and who need to meet Higher Learning Commission dual-credit qualification standards. These standards require teachers wanting to teach dual-credit courses in biology to hold either a master's degree in biology or a master's degree in another discipline (such as education), plus at least 18 credit hours of discipline-specific graduate coursework.

- If you need both discipline-specific coursework and a master's degree, the MAT in Biology meets HLC standards.
- If you already hold a master's degree in a discipline other than biology, you can meet HLC standards by completing the Graduate Certificate in Biology.

MAT Requirements

To earn the MAT in Biology, you must complete 30 credit hours.

The 30 credit MAT in Biology requirements are broken down as follows:

Core course (3 credit hours)

Molecular-cellular electives (6 credit hours)

Organismal electives (6 credit hours)

Capstone Biology course (3 credit hours)

Education component (12 credit hours)

MAT Degree Requirements

I. Biology Component (18 cr)**1. Evolutionary Biology (3 Cr)**

To satisfy this requirement, students will complete:

BIOL-T 570 Evolution

2. Molecular-Cellular Biology (6 Cr)

Students complete 2 courses selected from this list:

BIOL-T 571 Introductory Biochemistry

BIOL-T 574 The Immune System and Disease

BIOL-T 575 Molecular Biology

BIOL-T 577 Molecular Genetics and Genomics

3. Organismal Biology (6 Cr)

Students complete two courses selected from this list:

BIOL-T 582 Advanced Field Zoology

BIOL-T 583 Problems in Genetics - Higher Organisms

4. GC Biology Capstone (3 cr)

GC Biology students complete one capstone course selected from this list:

BIOL-T 585 Model Organisms in Research

BIOL-T 591 History of Life

BIOL-T 592 Social Implications of Biology

II. MAT Biology—Education Component (12 cr)

Most IU collaborative MATs include the same four course/12 credit Coursework in Graduate Education.

To fulfill the Education Component of the MAT in Biology, students complete:

- 1) EDUC-H 520 Education and Social Issues
- 2) EDUC-J 500 Instruction in the Context of Curriculum
- 3) EDUC-P 507 Assessment in Schools
- 4) EDUC-Y 520 Strategies for Educational Inquiry

The Biology component of the MAT in Biology is identical to the curriculum of the stand-alone IU collaborative Graduate Certificate in Biology.

For more information see <https://online.iu.edu/degrees/biology-mat-master.html>.

Courses for Nonmajors

The BIOL-L 100 course offers the nonmajor an opportunity to examine the fundamental principles of biology or to prepare for more advanced courses should the student decide to continue in biology.

The 200-400 level nonmajor courses are designed to acquaint students possessing minimal science background with the basic principles underlying the modern biological sciences.

In addition to BIOL-L 100, the following courses can be taken by nonmajors: BIOL-L 104, PHSL-P 130, BIOL-L 200, BIOL-M 200, BIOL-L 215, PHSL-P 261, PHSL-P 262, PHSL-P 263, BIOL-L 300, BIOL-L 302, BIOL-L 316, BIOL-L 363, BIOL-L 378, BIOL-L 490 and BIOL-L 499

Chemistry, Biochemistry, Physics, and Astronomy

Phone: (219) 980-6740

Webpage: <http://northwest.iu.edu/chemistry/>

Program Learning Outcomes for Chemistry and Biochemistry

Goal 1: Students will achieve a solid foundation in all fields of chemistry.

Goal 2: Students will carry out and perform scientific experiments as well as accurately record, analyze and interpret scientific problems including the ability to master scientific writing in chemistry.

Goal 3: Students will be skilled in problem solving, critical thinking, analytic reasoning, and learn to interpret and evaluate scientific findings.

Goal 4: Students in introductory courses will understand the two basic components of the scientific method: theory and experimentation.

Chemistry and Biochemistry

The chemistry major provides an excellent academic background for graduate school; for a career as an industrial chemist; for acceptance into medical, dental, veterinary or other professional health-related programs; and for positions in chemical instrument sales or chemically related administrative positions. Regardless of which degree track students seek, they are encouraged to take as many chemistry courses as possible above the minimum to enhance their professional skills and employment opportunities.

The biochemistry major, like the chemistry major, has many attractive attributes for potential students. The most significant difference between the chemistry and biochemistry majors is that biochemistry has a focus on chemical aspects of the life sciences in the junior and

senior years. Consequently, the major is an excellent choice for students interested in a combination of chemistry and life science.

All bachelor degrees require a minimum of 120 credits hours. The general education (Core) requirements for the B.A. and B.S. degrees must be satisfied along with the credits for the major.

Honors Track: The Chemistry and Biochemistry B.S. degrees have honors tracks. See department advisor for details.

Recommended Minors (15 to 20 credit hours)

Although a minor is not required, it may enhance professional opportunities. Recommended minors: include biology, geosciences, mathematics and or physics. Consult the chemistry department or the appropriate department for details. The interdisciplinary nature of the B.S. in Chemistry or Biochemistry is such that a student can make substantial progress in one or more of these listed minors.

About the B.S. Chemistry or Biochemistry Degree

The American Chemical Society certifies the IU Northwest ACS Chemistry degree. Graduates of this program will be recommended to the American Chemical Society as having fulfilled requirements of the ACS Committee on Professional Training. The B.S. degree emphasizes science and mathematics courses as major requirements outside of the major required core. An honors sequence is available for the B.S. degree. The Honors Track requires (1) Research, (2) Minimum Chemistry GPA 3.4 and (3) a senior thesis. Consult the department for further detail.

CHEM-C 105, general chemistry, is the introductory chemistry course for science majors. This course has two prerequisites: (1) passing the chemistry placement exam, (2) MATH-M 117 (Intermediate Algebra) with a grade of C or better. Students not meeting these prerequisites will need to take CHEM-C 103 (Principles of Chemistry) and pass it with a grade of C or better or complete the appropriate ALEKS preparatory course before enrolling in CHEM-C 105.

Degree Departmental Requirements

Bachelor of Science

Course	Credits	Chemistry	Biochemistry
CHEM-C 105	3	•	•
CHEM-C 106	3	•	•
CHEM-C 125	2	•	•
CHEM-C 126	2	•	•
CHEM-C 301	1	•	•
CHEM-C 310	5	•	
CHEM-C 341	3	•	•
CHEM-C 342	3	•	•
CHEM-C 343	2	•	•
CHEM-C 344	2	•	•
CHEM-C 361	3	•	
CHEM-C 362	3	•	
CHEM-C 363	2	•	
CHEM-C 409	2	•	•

CHEM-C 410	4	•	
CHEM-C 430	3	•	
CHEM-C 481	3		•
CHEM-C 484	3	•	•
CHEM-C 485	3		•
CHEM-C 487	2		•
CHEMISTRY CREDITS	46		34
PHYS-P 221	5	•	•
PHYS-P 222	5	•	•
PHYSICS CREDITS	10		10
MATH-M 215	5	•	•
MATH-M 216	5	•	•
MATH-M 311	4	•	
MATH CREDITS	14		10
BIOL-L 101	4	•	•
BIOL-L 102	4		•
BIOL-L 211	3		•
BIOL-L 312	3		•
BIOL-L 323	3		•
BIOLOGY CREDITS	4		17
ADDITIONAL STEM CREDITS	13		10

PHYS-P 301 can, on alternate years, be substituted for CHEM-C 362. See department advisor for which courses satisfy STEM credits.

About the B.A. Chemistry or Biochemistry Degree

The B.A. degree is intended for students who desire a degree in chemistry or biochemistry but have an interest in a wider variety of courses in the humanities and social sciences as well as a foreign language.

Degree Departmental Requirements

Bachelor of Arts

Course	Credits	Chemistry	Biochemistry
CHEM-C 105	3	•	•
CHEM-C 106	3	•	•
CHEM-C 125	2	•	•
CHEM-C 126	2	•	•
CHEM-C 301	1	•	•
CHEM-C 310	5	•	
CHEM-C 341	3	•	•
CHEM-C 342	3	•	•
CHEM-C 343	2	•	•
CHEM-C 344	2		•
CHEM-C 361	3	•	
CHEM-C 362	3		
CHEM-C 363	2	•	
CHEM-C 409	2		
CHEM-C 410	4		
CHEM-C 430	3	•	
CHEM-C 481	3		
CHEM-C 484	3		•
CHEM-C 485	3		•
CHEM-C 487	2		•
CHEMISTRY CREDITS	32		29

PHYS-P 221	5	•	•
PHYS-P 222	5	•	
PHYSICS CREDITS	10		5
MATH-M 215	5	•	•
MATH-M 216	5	•	
MATH-M 311	4		
MATH CREDITS	10		5
BIOL-L 101	4		•
BIOL-L 102	4		
BIOL-L 211	3		•
BIOL-L 312	3		
BIOL-L 323	3		
BIOLOGY CREDITS	0		7
ADDITIONAL STEM	0		6

At least one course must be chosen from

- CHEM-C 344
- CHEM-C 362
- CHEM-C 410
- CHEM-C 484

Chemistry and Physics courses for STEM credit.

- CHEM-C 303
- CHEM-C 335
- CHEM-C 431
- CHEM-C 441
- PHYS-P 301
- PHYS-P 309
- PHYS-P 331

Advanced science and mathematics courses can also be used for STEM credit. Please consult the department advisor for details.

Minor in Chemistry

The Minor in Chemistry is available to any student who has passed the following courses with a grade of C- (minus) or better.

Requirements (19 credit hours)

- CHEM-C 105
- CHEM-C 125
- CHEM-C 106
- CHEM-C 126
- CHEM-C 341

plus two additional 300 or 400 level chemistry courses of 3 credit hours or more.

Graduate Certificate in Chemistry

This 100 percent online, consortial program is taught by IU Bloomington, IU East, IU Kokomo, IU Northwest, and IU Southeast.

As a student in the IU Online Graduate Certificate in Chemistry, you analyze and explore the chemical processes and principles of organic and inorganic substances. You develop an understanding of multiple subdisciplines of chemistry, and you adopt a methodological approach to problem solving. When you complete the certificate, you will be able to break down chemical concepts and processes, design experiments

and assignments to teach chemical concepts, and critically analyze chemistry-related press releases and news.

The 18 cr Graduate Certificate in Chemistry offers coursework in the following areas:

Inorganic chemistry
Organic synthesis
Organic spectroscopy
Physical chemistry
Biochemistry
Environmental chemistry
Nuclear chemistry
GC Chemistry Requirements

1. Chemistry Electives (15 cr)

Students complete five classes chosen from the following list of seven course options:

CHEM-T 510 Inorganic Chemistry (3cr)
CHEM-T 520 Organic Synthesis (3cr)
CHEM-T 530 Organic Spectroscopy (3cr)
CHEM-T 540 Physical Chemistry (3cr)
CHEM-T 550 Introductory Biochemistry (3cr)
CHEM-T 555 Survey in Chemistry VT: Organic, Analytical, Inorganic, etc. (3cr)
CHEM-T 560 Environmental Chemistry (3cr)
CHEM-T 570 Nuclear Chemistry (3cr)
CHEM-T 580 Physical Biochemistry (3cr)
2. Chemistry Capstone (3 cr)

Students complete:

CHEM-T 590 Chemistry Capstone (3 cr)

** Students who also need a Master's degree may stack the Graduate Certificate in Chemistry into a MAT in Chemistry. Contact your faculty advisor for information on this process

MAT in Chemistry

This 100 percent online, consortial program is taught by IU Bloomington, IU East, IU Kokomo, IU Northwest, and IU Southeast.

The 30 credit MAT in Chemistries offers coursework in the following areas:

Inorganic chemistry
Organic synthesis
Organic spectroscopy
Physical chemistry
Biochemistry
Environmental chemistry
Nuclear chemistry
The Chemistry component of the MAT in Chemistry is identical to the curriculum of the stand-alone IU collaborative Graduate Certificate in Chemistry.

Program Learning Outcomes

Upon completion of the Chemistry component of the Master of Arts for Teachers in Chemistry, students will be able to demonstrate:

1. Expertise in chemistry Students will be able to:
 - a. Demonstrate the ability to break down and analyze chemical concepts and processes.
 - b. Demonstrate an achievement of breadth of knowledge across a

selection of sub disciplines in Chemistry.

c. Design assignments to teach relevant chemical concepts.

2. Effective oral and written scientific communication skills
Students will be

able to:

a. Retrieve information from the chemical literature.

b. Communicate understanding of literature.

3. Ability to analyze data critically and to design experiments independently
Students will be able to:

a. Develop methodological approaches and solve problems.

b. Critically analyze a journal article.

4. Application of the impact of chemistry on the society
Students will be able to:

a. Analyze processes in everyday life using chemical principles.

b. Demonstrate an awareness of the impact of chemistry on the environment, society, and other cultures outside the scientific community.

c. Evaluate chemistry-related press releases and news media for veracity and best practices in research.

Upon completion of the Education component of the M.A.T. in Chemistry, graduates will be able to—

1. Engage in the development of rigorous curriculum planning and design;
2. Promote college-level studies skills and habits of mind;
3. Use assessment data to inform college-level instructional practices;
4. Prepare dual-credit students for success in college-level assessments;
5. Conduct research to improve dual-credit instruction.

MAT Chemistry Degree Requirements

I. Chemistry Component—consists of six classes divided into two requirements.

1. Chemistry Electives (15 cr)

Students complete five classes chosen from the following list of seven course options:

CHEM-T 510 Inorganic Chemistry (3cr)
CHEM-T 520 Organic Synthesis (3cr)
CHEM-T 530 Organic Spectroscopy (3cr)
CHEM-T 540 Physical Chemistry (3cr)
CHEM-T 550 Introductory Biochemistry (3cr)
CHEM-T 555 Survey in Chemistry VT: Organic, Analytical, Inorganic, etc. (3cr)
CHEM-T 560 Environmental Chemistry (3cr)
CHEM-T 570 Nuclear Chemistry (3cr)
CHEM-T 580 Physical Biochemistry (3cr)

2. Chemistry Capstone (3 cr)

Students complete:

CHEM-T 590 Chemistry Capstone (3 cr)

II. Education Component (12 cr)

Most IU collaborative MATs include the same four course/12 credit Coursework in Graduate Education.

To fulfill the Education Component of the MAT in Chemistry, students complete:

- 1) EDUC-H 520 Education and Social Issues
- 2) EDUC-J 500 Instruction in the Context of Curriculum
- 3) EDUC-P 507 Assessment in Schools
- 4) EDUC-Y 520 Strategies for Educational Inquiry

Other Introductory Chemistry Courses

These courses can be used to fulfill science general education requirements or requirements in health fields such as nursing and dental hygiene. Students in the health fields should contact their program administrators to verify. CHEM-C 101 and CHEM-C 121 are excellent preparatory in courses in chemistry for students majoring in the sciences.

- CHEM-C 100 (The World of Chemistry, 3 cr)
- CHEM-C 103 (Principles of Chemistry, 5 cr)
- CHEM-C 110 (The Chemistry of Life, 3 cr)
- CHEM-C 120 (Chemistry Laboratory, 2 cr)

Courses for ACS Degree (B.S.). Degree

The ACS B.S. degree in chemistry is certified by the American Chemical Society. Students seeking this certification must take at least one semester of biochemistry (CHEM-C484).

TSAP in Chemistry - B.A.

Completion of an eligible AS or AA degree at Ivy Tech or Vincennes may put you on a Single Articulation Pathway to a BA or BS at IU Northwest, without a loss of credit hours.

For more information on the TSAP in Chemistry see Single Articulation Pathways - Indiana University Northwest.

Physics

The Physics program does not offer a major but does offer a minor in physics.

Minor in Physics

Requirements (16 credit hours).

Two sequences are available to the student: calculus and non-calculus. Students seeking the physics minor are encouraged to discuss their course schedule with the department.

Course	Credit	Calculus	Algebra
PHYS-P 201	5		•
PHYS-P 202	5		•
PHYS-P 221	5	•	
PHYS-P 222	5	•	
PHYS-P 301	3	•	•
PHYS-P 309	2	•	•
PHYS-P 406	1 or 2	•	•
Credits		16 or 17	16 or 17

See department advisor for other courses that might apply to the physics minor.

Physics and Astronomy Courses for Non-Majors

The following courses are intended for students not majoring in the sciences. They assume little or no

background in science or mathematics. PHYS-P 101 can serve as an excellent preparatory course for PHYS-P 201 or PHYS-P 221. All courses listed can be used to satisfy divisional distribution requirements as well as prepare students for 200 level general physics.

- PHYS-P 101 (Physics in the Modern World, 4 cr)
- AST-A 100 (The Solar System, 3 cr)
- AST-A 105 (Stars and Galaxies, 3 cr)
- AST-A 200 (Introduction to Cosmology, 3 cr)

Interdepartmental Major in Environmental Science - B.S.

The Interdepartmental major involving Biology, Chemistry, and Geology in Environmental Science provides rigorous interdisciplinary background in the natural science segment of the environmental sciences, combined with a significant background in the allied disciplines of physics and mathematics, and coursework in environmental affairs. Please see Geosciences for further details.

Computer Information Systems

Phone: 219-980-6638

Website: <http://www.northwest.iu.edu/cis/>

B.S. in Computer Information Systems (CIS)

Learning Outcomes

- Apply knowledge of computing appropriate to the discipline.
- Solve problems (programming, networking, database, and Web design) in the Information Technology environment.
- Demonstrate ethical and professional behavior.
- Discuss IT-oriented security issues and protocols.
- Evaluate and maintain network environments.
- Communicate effectively with a range of audiences.

Requirements

Group Va Major—Computer Information Systems Core (45 cr.)

- CSCI-C 106 (3 cr.)
- CSCI-C 150 (3 cr.)
- CSCI-A 106 (3 cr.)
- CSCI-A 247 (3 cr.)
- CSCI-A 285 (3 cr.)

Select one of the following programming options:

- option A
 - CSCI-A 201 (4 cr.)
 - CSCI-A 302 (4 cr.)
- option B
 - CSCI-C 201 (4 cr.)
 - CSCI-C 307 (3 cr.)
- option C
 - CSCI-A 210 (4 cr.)
 - CSCI-A 346 (3 cr.)

All of the following:

- CSCI-C 330 (3 cr.)
- CSCI-C 430 (3 cr.)
- CSCI-C 442 (3 cr.) or INFO-I 421 (3 cr.)
- INFO-I 402 (3 cr.)

Select one of the following for the capstone requirement:

- CSCI-Y 398 (1-6 cr.)
- CSCI-C 390 (1-6 cr.)

CIS Electives to complete 45 credit hours.

Group Vb

- Complete ENG-W231, MATH-M118, and PSY-K 300 (C- or better is required)

Microcomputer Applications Proficiency Test

- A microcomputer applications proficiency test allows students to test out of CSCI-A 106 Introduction to Computing (3 cr.). The test consists of online and written modules that measure the student's ability to perform various tasks upon actual computer files. Achieving a total minimum grade of 70 percent would allow a student to test out of CSCI-A 106. However, in order to receive credit hours for the course, a student must satisfactorily complete either CSCI-A 285 or CSCI-A 213 with a C (2.0) or higher. Such a student will be eligible for 3 credit hours of special credit with a grade of S. It is the responsibility of the student to request that CIS forward this information to his or her division.
- Each module will be graded separately. Achieving a minimum grade of 70 percent for a module would allow a student to test out of that particular module. CIS provides a method for students to receive instruction only in the areas where placement scores indicate that they are deficient by teaching three 1 credit hour courses taught concurrently with CSCI-A 106: CSCI-A 103 (word processing), CSCI-A 104 (spreadsheets), and CSCI-A 105 (relational database).

Group VI: Minor

- Students must select a minor in any area. (A business, SPEA, or Health Information Management minor is very marketable with the computer information systems degree.)

Electives and Internship

- Each student will be required to gain sufficient elective or internship credit to meet the minimum 120 credit hour requirement.
- A maximum of 6 credit hours may be awarded for successful completion of an internship. Credit not given for both COAS-W 398 and CSCI-Y 398 in excess of 6 credit hours. The CSCI-Y 398 Internship is considered a capstone course. While internships are opportunities to learn new skills, CIS interns are often hired based on their cumulative knowledge and ability to provide employers with needed skills.
- Each CIS internship is awarded 1 credit hour per semester.
- Consult the department chairperson for specific details concerning registration requirements, and check with Career Services for internship opportunities.

In addition to the preceding courses the student is responsible for fulfilling the general requirements of the College of Arts and Sciences.

B.S. in Informatics (INFO)

Program Learning Outcomes

1. Foundations of Informatics and Computing

2. Problem solving and programming
3. Analysis and design of large systems
4. Collaboration and teamwork with emphasis on virtual teams
5. Societal and ethical implications of informatics
6. Application of Informatics skills to another area of specialization (cognate)

Requirements

Students must complete the general requirements of the College of Arts and Sciences. This includes at least 120 total credit hours, at least 36 credit hours at the 300 and 400 level, and at least 105 credit hours of COAS courses.

Group Va—Major (55-58 cr.)

The major requirements are organized into three categories:

Informatics Core (34 cr.)
Informatics Electives (6 cr.)
Tract Area (15-18 cr.)

Informatics Core (34 credit hours)

Required (22 cr.)

- INFO-I 101 Introduction to Informatics (4 cr.)
- INFO-I 201 Mathematical Foundations of Informatics (4 cr.)
- INFO-I 202 Social Informatics (3 cr.)
- INFO-I 210 Information Infrastructure I (4 cr.)
- INFO-I 211 Information Infrastructure II (4 cr.)
- INFO-I 308 Information Representation (3 cr.)
- Select two of the following (6 cr.)
 - INFO-I 300 Human-Computer Interaction (3 cr.)
 - INFO-I 303 Organizational Informatics (3 cr.)
 - INFO-I 310 Multimedia Arts and Technology (3 cr.)
 - INFO-I 320 Distributed Systems and Collaborative Computing (3 cr.)
- Select one of the following three capstone options (6 cr.)
 - INFO-I 494 and INFO-I 495 Design and Development of an Information System I/II (3 - 3 cr.)
 - INFO-I 492 and INFO-I 493 Senior Thesis I/II (3 & 3 cr.)
 - INFO-I 491 Capstone Project Internship (1 cr. may be repeated up to 6 cr.)

Total (34 cr.)

Electives (6 cr.)

Tract Area (15-18 credit hours)—Select one Tract Area

Please see the individual departments for specific information on the Tract Area.

Group Vb

Complete the following courses (C- or better required):

- ENG-W 231
- MATH-M 118 or MATH-M 119
- PSY-K 300

In addition to the preceding courses the student is responsible for fulfilling the general requirements of the College of Arts and Sciences.

TSAP in Informatics - B.S.

Completion of an eligible AS or AA degree at Ivy Tech or Vincennes may put you on a Single Articulation Pathway to a BS at IU Northwest, without loss of credit hours.

For more information on the TSAP in Informatics see Single Articulation Pathways - Indiana University Northwest

B.S. in Informatics (INFO) ONLINE

Learning outcomes

The learning outcomes relate to six primary categories:

1. Design and develop solutions to problems.
2. Construct memory-based structures and algorithms.
3. Design and implement databases for discipline-specific problems.
4. Design and evaluate user interfaces, integrating users' needs and requirements.
5. Evaluate social, legal, or ethical issues in Informatics.
6. Demonstrate the skills, behaviors, and attitudes necessary to function as an effective team member.
7. Communicate effectively across multiple contexts.

Degree Requirements

To graduate with the BS in Informatics, you must complete a total of 120 semester credit hours, broken down as follows. You may be able to transfer an associate degree or up to 64 credit hours from a regionally accredited two-year college and up to 90 credit hours from a regionally accredited four-year college or university.

The B.S. Informatics curriculum includes the following five components:

1. Informatics core courses (39 credit hours)
2. Informatics electives (9 credit hours)
3. Track courses (15-18 credit hours)
4. General education courses (30-42 credit hours)
5. General electives (12-27 credit hours)

Required Courses

I. Informatics Core (13 courses/39 credits)

1. INFO-C 100 Informatics Foundations (3 cr.)
 2. INFO-C 112 Tools of informatics: Programming and Databases (3 cr.)
 3. INFO-C 201 Mathematical Foundations of Informatics (3 cr.)
 4. INFO-C 203 Social Informatics (3 cr.)
 5. INFO-C 210 Problem Solving and Programming I (3 cr.)
 6. INFO-C 211 Problem Solving and Programming 2 (3 cr.)
 7. INFO-C 300 Human Computer Interaction (3 cr.)
 8. INFO-C 307 Data Representation and Organization (3 cr.)
 9. INFO-C 399 Database Systems (3 cr.)
 10. INFO-C 413 Web Design and Development (3 cr.)
 11. INFO-C 450 System Design (3 cr.)
 12. INFO-C 451 System Implementation (3 cr.)
 13. INFO-C 452 Project Management (3 cr.)
- ##### **II. Informatics electives (3 courses/9 credits)**

Complete three from the following

INFO-C342 Mobile Application Development
 INFO-C421 Applications of Data Mining
 INFO-C453 Computer and Information Ethics
 INFO-C416 Applied Cloud Computing
 INFO-I303 Organizational Informatics
 INFO-I310 Multimedia Arts and Technology
 INFO-I441 Interaction Design Practice
 INFO-I459 Media and Tech Entrepreneurship

Any 300#or 400 online INFO/CSCI course(s)

III. BS Informatics Track complete one of the following:

Students are required to choose one of the following tracks:

Business track (18 credits)

Coursework will provide instruction in several areas of business and business management, including accounting, bookkeeping, marketing, human resource management, financial management, and supply chain management.

1. Accounting

Complete one of the following

BUS-A201 Introduction to Financial Accounting
 BUS-A202 Introduction to Managerial Accounting
 2. Business Management

BUS-J404 Business and Society

3. Marketing

Complete one of the following

BUS-M300 Introduction to Marketing
 BUS-M301 Introduction to Marketing Management
 4. HR Management

BUS-Z440 Personnel: Human Resource Management

5. Financial Management

Complete one of the following

BUS-F301 Financial Management
 BUS-F302 Financial Decision Making
 6. Operations/Supply Chain Management
 Complete one of the following

BUS-P301 Operations Management

BUS-P421 Supply Chain Management

Health Information Management track (15-18 credits)

Coursework will provide instruction in several areas of health information management, including ethics, communication, confidentiality, and data analysis.

Students will learn to follow standards of a professional healthcare environment, and to effectively and accurately analyze healthcare information.

1. Medical Terminology

Complete one of the following

HIM-M330 Medical Terminology
 HIM-M195 Medical Terminology
 AHLT-M195 Medical Terminology
 AHLT-M330 Medical Terminology

2. Introduction to Health Information Management

Complete one of the following

HIM-M108 Introduction to Health Information Management

HIM-M101 Introduction to Health Records
 AHLT-M192 Introduction to Health Information Management and Reimbursement
 AHLT-M392 Introduction to Health Information Management and Reimbursement
 3. Healthcare Information Requirements and Standards
 Complete one of the following

HIM-M325 Healthcare Information Requirements and Standards I
 HIM-M301 Healthcare Quality and Information Management
 4. Analysis of Health Information
 Complete one of the following
 HIM-M425 Quantitative Analysis of Health Information
 HIM-M107 Computer Applications in Health Information Technology
 5. Pathophysiology & Pharmacology*
 (complete 2)
 HIM-M350 Pathophysiology and Pharmacology for HIM I
 HIM-M351 Pathophysiology and Pharmacology for HIM II
 6. Electronic Health Records*

HIM-M410 Computer Systems in Healthcare
 *Students can choose between either the Pathophysiology & Pharmacology requirement OR the Electronic Health Records requirement

Legal Informatics track (15 credits)

Students will study several skill areas necessary in legal informatics, including specialized technology, handling evidence, information governance, security, privacy, and protection of intellectual property. Students will assist with presenting a legal case in court.

Complete the following five classes:

1. INFO-C401 Foundations in Legal Informatics
2. INFO-C402 Legal and Social Informatics of Security
3. INFO-C403 Electronic Discovery
4. INFO-C404 Litigation Support Systems and Courtroom Presentations
5. INFO-C405 Technology and the Law

Enterprise Resource Planning (ERP) Track (18 credits)

1. Accounting

BUS-A201 Introduction to Financial Accounting
 2. Information Systems

BUS-K321 Management of Information Technology
 3. Functional Areas of Business
 Complete two of the following

BUS-M300 Introduction to Marketing
 BUS-F301 Financial Management
 BUS-P301 Operations Management
 BUS-P421 Supply Chain Management
 4. ERP Operations

BUS-K301 Enterprise Resource Planning
 5. ERP Programming and Configuration
 Complete one of the following

BUS-K440 Business Intelligence
 BUS-S435 Advanced Topics in Computer Information Systems

Sustainability Track (15 credits)

1. Foundations

SUST-S301 Foundations of Sustainability Studies
 2. Science Courses
 Complete one of the following

AHLT-H331 Environmental Health
 GEOL-G185 Global Environmental Change
 GEOG-G315 Environmental Conservation
 GEOL-G400 Energy: Sources and Needs
 GEOL-G476 Climate Change Science
 3. Social Sciences, Cultural, Economics Courses
 Complete one of the following
 BUS-B399 Business and Society
 GEOG-G338 Geographic Information Systems
 PHIL-P306 Business Ethics
 POLS-Y308 Urban Politics
 SOC-S308 Global Society
 SUST-B399 Sustainable Food Systems

4. Practicum
 SUST-S490 Sustainability Practicum

5. Elective

Complete one additional course from either Science Courses or Social Sciences, Cultural, or Economics Courses

Interdepartmental Major: CIS and Fine Arts

Bachelor of Science in Computer-based Graphic Arts

Computer-based graphic artists are sought-after in the job market. The students who graduate with this degree will have a strong background in artistic (fine arts) and computer (CIS) skills. Computer-based graphic arts are widely used tools in business, industry, and the arts.

The student will have two official advisors—one in the Department of Fine Arts and one in Computer Information Systems—who will help plan the course of study in detail and with frequent consultations.

Requirements in Department of Fine Arts Va (25 cr.)

- Select one of the following:
 - FINA-F 100 Fundamental Studio-Drawing (3 cr.)
 - FINA-F 102 Fundamental Studio-2D (3 cr.)
- FINA-S 250 Introduction to Design Practice (3 cr.)
- FINA-S 351 Typography (3 cr.)
- FINA-S 352 Production for Graphic Design (3 cr.)
- FINA-S 353 Graphic Design IV (3 cr.)
- FINA-S 413 Typography (2 cr.)
- FINA-S 414 Layout and Design (2 cr.)
- FINA-S 415 Package Design (2 cr.)
- FINA-S 451 Graphic Design Problem Solving (3 cr.)
- FINA-S 497 Capstone - Independent Study in Fine Arts (1-3 cr.)

Requirements in Department of Fine Arts Vb (8 cr.)

- 3 credit hours in the FINA-A100 series (history of art)
- 3 credit hours of 300 or 400 level art history
- FINA-A435 CAPSTONE Art Theory (2 cr.)

Requirements in Computer Information Systems (18 cr.)

- CSCI-A 106 Introduction to Computing (3 cr.)
- CSCI-A 251 Introduction to Digital Imaging Application (3 cr.)
- CSCI-A 348 Mastering the World Wide Web (3 cr.)
- INFO-N 248 Design Principles in Web Design (3 cr.)

- INFO-N 215 Online Document Development (3 cr.)
- Select one of the following:
 - CSCI-A 340 An Introduction to Web Programming (3 cr.)
 - **or** INFO-I 310 Multimedia Arts and Technology (3 cr.)
 - **or** INFO-I 400 Topics in Informatics (3 cr.)
 - **or** CSCI-C 390 Individual Programming Lab (3 cr.)

Total (51 cr.)

For Bachelor of Science degrees, all students must complete the group VI minor.

In addition to the preceding courses the students are responsible for fulfilling the general requirements of the College of Arts and Sciences.

There is a Bachelor of Arts version of this interdepartmental degree. See the Fine Arts Department section for details. schools.coas/departments/fine-arts/major-cis-arts

Interdepartmental Major: CIS and Mathematics Bachelor of Science in Simulation/Modeling Analysis

The students who graduate with this degree will have a strong background in theoretical (mathematics) and practical (CIS) skills. Modeling and computer simulation are widely used tools in business, industry, and research. Computer simulation allows an investigator to test proposed alterations to existing systems as well as proposed designs for entirely new systems.

Work in this area requires strong mathematical, statistical, and computer skills. This program should appeal to students interested in mathematics, computers, business, and the sciences.

The student will have two official advisors—one in Mathematics and one in Computer Information Systems—who will help plan the course of study in detail.

The general degree requirements are the same as for the Bachelor of Science in Computer Information Systems, except that the Group V major requirements are replaced by the following:

Group V Interdepartmental Major Requirements (43-45 cr.)

Department of Mathematics (22-24 cr.)

- MATH-M 215 (5 cr.)
- MATH-M 216 (5 cr.)
- MATH-M 301 (3 cr.)
- MATH-M 360 (3 cr.)
- MATH-M 447 (3 cr.)
- MATH-M 448 (3 cr.)

Total (22-24 cr.)

Computer Information Systems (21-23 cr.)

- CSCI-C 106 (3 cr.)
- CSCI-C 150 (3 cr.)
- Select one of the following
 - CSCI-C 201 (4 cr.) and CSCI-C 307 (3 cr.)

- CSCI-A 201 (4 cr.) and CSCI-A 302 (4 cr.)

- CIS or Informatics elective @ 300 level or above (3-4 cr.)
- CSCI-C 410 (3 cr.)
- CSCI-C 390 (1-3 cr.)
 - Capstone course requirement
 - Select one of the following: CSCI-C 390 course (1-3 cr.) for which the student will write a complete project-thesis starting with a theoretical model of a problem and then writing a computer program solution in C++, Java, or other appropriate computer language. The possibility of internships (CSCI-Y 398) also exists because the degree is highly application-oriented. An especially rewarding situation would combine the internship and the capstone experience into a single project-thesis.

Total (21-23 cr.)

For Bachelor of Science degrees, all students must complete the Group VI minor.

B.S. in Data Science (ONLINE)

In the Information Age, enormous amounts of data are generated every day in a range of areas, including social media, search engines, insurance companies, healthcare organizations, hospitals, defense, and retail. Data science is now a rapidly growing, high-paying field.

As a student in the IU Online BS in Data Science, you collect, organize, and analyze data to make meaningful conclusions. You write programs to perform data analysis on large, complex datasets. You evaluate the social, legal, and ethical issues that arise from the mass collection of data.

Specific areas of focus include:

- Data acquisition and storage
- Data exploration and curation
- Data modeling and analysis
- Data visualization and presentation
- Data ethics and governance

Your IU Online BS in Data Science prepares you for such careers as:

- Business intelligence analyst
- Data mining engineer
- Data architect
- Data scientist
- Analytics manager
- Research analyst
- Information officer

This 100 percent online, consortial program is taught by IU East, IUPUI, IU Kokomo, IU Northwest, IU South Bend, and IU Southeast. This consortial model allows you to take coursework from several campuses and learn from a wide range of faculty.

Learning Outcomes

1. Data Acquisition and Storage

- Capture and organize different types of data from different sources as performed in a variety of industries.
 - Manage data, data infrastructures, and the data science pipeline.
 - Store and process data using distributed computing, overcoming issues with the process of data extraction, transformation, and loading.
2. Data Exploration and Curation
- Use metadata and indexing for data discovery, description, information retrieval, and reusability.
 - Perform data transformations with justifications.
 - Clean and recode data to prepare it for analysis using a variety of techniques.
3. Data Analysis and Modeling
- Apply quantitative techniques, including probability, statistics, optimization, machine learning, and simulation to deploy models for prediction and analysis.
 - Write programs to perform data analysis on large, complex datasets.
4. Data Visualization and Presentation
- Assess the purpose, benefits, and limitations of visualization as a human-centered data analysis methodology.
 - Design and implement effective visualizations for a variety of data types and analytical tasks to reveal insights and communicate information.
5. Data Ethics and Governance
- Evaluate social, legal, and ethical issues in data science, applying ethical principles to resolve conflicts.
 - Support the ethical and appropriate use of technology by following a code of conduct.

Degree Requirements

To earn the BS in Data Science, you must complete 120 credit hours.

Requirements are broken down as follows:

- Data science core courses, including capstone course (43 credit hours)
- Professional communication courses (6 credit hours)
- Computer science courses (11 credit hours)
- Mathematics courses (9 credit hours)
- Statistics courses (9 credit hours)
- General education courses and electives, as needed to reach 120 credit hours.

General education:

- Students need to follow their home campus's general education requirements (that probably include any requirements related to grade).

Professional Communication (6 cr.)

- *Professional Speaking (3 cr.) Choose one:*
- CMLC-C 122 Interpersonal Communication (3 cr.)
- COMM-C 180 Interpersonal Communication (3 cr.)

- COMM-C 223 Business and Professional Communication (3 cr.)
- SPCH-S 122 Interpersonal Communication (3 cr.)
- SPCH-S 223 Business and Professional Communication (3 cr.)
- *Professional Writing (3 cr.) Choose one:*
- ENG-W 230 Science Writing (3 cr.)
- ENG-W 231 Professional Writing (3 cr.)
- ENG-W 233 Technical Writing/Intermediate Expository Writing (3 cr.)
- ENG-W 234 Technical Reporting Writing
- ENG-W 270 Argumentative Writing (3 cr.)

Computer Science (11 cr.)

- CSCI-A 201 Programming 1 (taught using Python) (4 cr.)
- CSCI-A 202 Programming II (taught using Python) (4 cr.)
- Data Structures: CSCI-C 343 Data Structures (taught using Python) (3 cr.)

Mathematics (9 cr.)

- MATH-M 220 Calculus for Data Science 1 (3 cr.)
- MATH-M 230 Calculus for Data Science II (3 Cr)
- MATH-M 301 Linear Algebra and Applications (3 cr.) OR MATH-M 303 Linear Algebra (3 cr.)

Statistics (9 cr.)

- PBHL-B 275 Probability without Tears and Without Calculus (taught using Python)
- PBHL-B 302 Introduction to Biostatistics (3 cr.) (pre-req: at least college algebra) or PBHL-B 285 Classical Biostatistical Regression Learning (3 cr.)
- PBHL-B 420 Introduction to Statistical Learning (3 cr.) Or INFO-I 415 Introduction to Statistical Learning (3 cr.)

Data Science-Core (30 cr.)

- CSCI-N 211 Introduction to Database; OR CSCI-A 213 Database Applications
- CSCI-N 311 Database Programming, Oracle; OR CSCI-B 461 Database Concepts; OR CSCI-C 442 Database Systems; OR INFO-I 308 Information Representation
- CSCI-N 317 Computation for Scientific Applications
- INFO-I 223 Data Fluency
- INFO-I 416 Applied Cloud Computing for Data Intensive Sciences
- INFO-I 421 Applications of Data Mining
- INFO-I 453 Computer and Information Ethics
- INFO-I 490 Professional Internship (3 cr.); OR INFO-I 491 Capstone
- NEWM-N 328 Visualizing Information
- PBHL-B 452 Fundamentals of Health Data Management

Minor in Computer Information Systems (CIS) Requirements

- CSCI-C 106 (3 cr.)

- CSCI-A 106 (3 cr.)
- 200 to 400 level (9 cr.)
- Students must also complete general requirements of the College of Arts and Sciences.

Total (15 cr.)

Please see a CIS Department advisor for combinations of classes if you have a specific interest in a particular area.

Minor in Informatics Requirements

Students wanting to minor in Informatics are required to take a minimum of 15 cr. hrs. including:

- INFO-I 101 Introduction to Informatics (4 cr.)
- additional INFO-I courses 200-400 level to total at least 11 cr. These courses should be chosen with the advise and consent of the Department of Computer Information Systems.

Total (15 cr.)

Postbaccalaureate Certificate in Computer Information Systems

A postbaccalaureate certificate in computer information systems is offered for students with baccalaureate degrees in another discipline who wish to complement their undergraduate education with course work similar to the requirement for a Bachelor of Science degree in computer information systems.

The postbaccalaureate certificate program enables the holder of a bachelor's degree with a major in another field to obtain formal recognition of training in the computer field. Students select one of five options after successfully meeting or completing the following prerequisites with a grade of C- or better: ENG-W 131 and ENG-W 231 and MATH-M 118.

Requirements

- CSCI-C 106 (3 cr.)
- CSCI-A 106 (3 cr.)
- CSCI-C 150 (3 cr.)
- Select seven more courses with at least four of those courses taken at the 300 to 400 level.

Please see a CIS department advisor for combinations of classes if you have a specific interest in a particular area.

M.S. in Computer Information Systems (CIS) Program Description and Admission

The Master of Science in Computer Information Systems program is designed for students who desire to advance their careers in information technology. The Master of Science (MS) in Computer Information Systems (CIS) consists of 30 credit hours with a minimum grade of B- in each course and a 3.0 overall GPA. A project/ internship component of 3 credit hours is part of the core requirements. Students will complete all the core requirements of 18 credit hours and choose 12 credit hours of electives offered based on faculty expertise and market demands. The department may offer additional electives from time to time. A full-time student could complete the Master's degree in two years.

To be considered for admission to the MS in CIS program, students must hold a bachelor's degree from

an accredited institution in any field. If the field of major is related to CIS, students are eligible to be admitted directly into the graduate program. If the field of major is not related to CIS, students will be admitted conditionally.

Students should have obtained an undergraduate grade point average of at least 3.0. Students with a GPA slightly below 3.0 who are returning to college with relevant work experience may be admitted if their applications contain sufficient evidence of their skills and ability to succeed in graduate work.

Graduate Record Examination (GRE) scores are not required. Applications will be reviewed on a rolling basis.

For questions, contact: Dr. Bhaskara Kopparty, Computer Information Systems Department: 219-980-6638, or come visit us: Hawthorn Hall, Room 325.

Program Objectives/Outcomes

The objective of this program is to prepare graduates with a sound basic understanding of computers coupled with knowledge of systems and applications in computer science. The coursework will cover advanced applications and will prepare students for employment at an advanced level.

Graduates from the MS in CIS program will be informed critical thinkers, be proficient in their chosen medium, and have advanced knowledge of computer information systems.

This Master's degree can prepare students for continued advance study, including doctoral degrees in computer science or informatics. Students with a Bachelor's degree will find the MS in CIS as a path to advanced employment in a number of IT related occupations, such as business analyst, data analyst, information security analyst, computer and information systems analyst, and project manager. Each of these occupations currently is in high demand.

The goals of this Master's degree are to develop proficiency in the practice of computing and to prepare students for professional leadership roles. Each graduate should be able to:

- Formulate solutions to computing problems
- Analyze and compare alternative solutions to computing problems
- Design and implement effective solutions to computing problems
- Apply sound principles to the synthesis and analysis of computer systems
- Work effectively in teams to design and implement solutions to computational problems
- Communicate effectively, both orally and in writing
- Think critically and creatively, both independently and with others
- Recognize the social and ethical responsibilities of a professional working in the discipline
- Seek out, develop, and adapt to new developments in the field of computer science

Curriculum

Core Courses – 18 credit hours

- Introduction to Artificial Intelligence (CSCI B551) – 3 credit hours
- Information Systems Development (CSCI P532) – 3 credit hours
- System and Protocol Security & Information Assurance (INFO I533) – 3 credit hours
- Advanced Web Page Development (CSCI C605) – 3 credit hours
- Informatics Project Management (INFO B505) – 3 credit hours
- Independent System Development (CSCI Y790) – 3 credit hours

Elective Courses – 12 credit hours

Electives: At least half of all Elective credits must be in courses numbered 600 or above.

- Data Analysis Using R (CSCI C504) – 3 credit hours
- Business Intelligence Using SAP (CSCI C603) – 3 credit hours
- Predictive Analytics and Data Mining (CSCI B565) – 3 credit hours
- UNIX/LINUX Administration (CSCI C606) – 3 credit hours
- Topics in Systems (CSCI B649) - 3 credit hours

Microcomputer Applications Proficiency Test

- A microcomputer applications proficiency test allows students to test out of CSCI-A 106 Introduction to Computing (3 cr.). The test consists of online and written modules that measure the student's ability to perform various tasks upon actual computer files. Achieving a total minimum grade of 70 percent would allow a student to test out of CSCI-A 106. However, in order to receive credit hours for the course, a student must satisfactorily complete either CSCI-A 285 or CSCI-A 213 with a C (2.0) or higher. Such a student will be eligible for 3 credit hours of special credit with a grade of S. It is the responsibility of the student to request that CIS forward this information to his or her division.
- Each module will be graded separately. Achieving a minimum grade of 70 percent for a module would allow a student to test out of that particular module. CIS provides a method for students to receive instruction only in the areas where placement scores indicate that they are deficient by teaching three 1 credit hour courses taught concurrently with CSCI-A 106: CSCI-A 103 (word processing), CSCI-A 104 (spreadsheets), and CSCI-A 105 (relational database).

B.S. in Computer Science (Online) Program Learning Outcomes

Goal A: Problem-solving

- A1: Students will analyze and design algorithmic solutions to real-world problems.
- A2: Students will utilize programming languages to implement and test algorithms.
- A3: Students will choose appropriate data structures and algorithms for solving problems.

Goal B: Developing software systems /computing-based solutions

- B1: Students will develop software systems using a minimum of two high-level programming languages.

- B2: Students will design/develop software systems by applying knowledge of databases and software engineering skills following the software development lifecycle.
- B3: Students will apply computer architecture elements to design and implement operating system(s) components.

Goal C: Communication, Teamwork, and Diversity

- C1: Students will communicate effectively in a variety of professional contexts.
- C2: Students will demonstrate the necessary interpersonal skills to work effectively in diverse and/or multi-disciplinary teams.
- C3: Students will make informed judgments in computing practice based on legal and ethical principles.

To earn the IU Collaborative B.S. in Computer Science with complete 70-72 credits in four course categories:

I. Math Core (four courses/16 credits)

II. Computer Science Core (ten courses/40 credits).

III. Science Core (three or four courses/ 8-10 credits)

IV. Electives (two courses/6 credits)

Students falling short of 70 credits can take an additional CSCI elective.

Required Courses:

Math Core

1. Calculus (10 credits)

Complete the two-course sequence MATH-M 215 Calculus I and MATH-M 216 Calculus II

2. Linear Algebra (3 credits)

Complete one of the following

MATH-M 301 Linear Algebra and Application

MATH-M 303 Linear Algebra

3. Statistics (3 credits)

Complete one of the following:

MATH-K 300 Statistical Techniques

MATH-K 310 Statistical Techniques

Computer Science Core

1. Programming I (4 credits)

CSCI-C 155 Computer Programming I

2. Programming II (4 credits)

CSCI-C255 Computer Programming II

3. Data Structures (4 credits)

Complete one of the following

CSCI-C243 Introduction to Data Structures

CSCI-C343 Data Structures

4. Algorithms (3 credits)

CSCI-C455 Analysis of Algorithms I

5. Operating Systems (3 credits)

Complete one of the following

CSCI-C436 Introduction to Operating Systems

CSCI-C435 Operating Systems
6. Computer Structures (4 credits)

CSCI-C335 Computer Structures
7. Programming Languages (3 credits)

CSCI-C311 Programming Languages
8. Discrete Structures (3 credits)

Complete one of the following

CSCI-C 241 Discrete Structures for Computer Science
CSCI-C 251 Foundations of Digital Computing
9. Software Engineering

Complete one of:

CSCI-C308 System Analysis and Design
CSCI-C330 Object Oriented System Analysis and Design
11. Computer Networks or Computer Security (3 credits)

Complete one of the following:

CSCI-B438 Fundamentals of Computer Networks
CSCI-A447 Advanced Networking System Administration
CSCI-B451 or C490 Security in Computing /Security of Networked Systems
CSCI-C437 Computer Security
CSCI-A347 Computer and Network Security Essentials
**Computer Networks and Computer Security topics not chosen can be used as electives.

12. Capstone or Internship (3 credits)

Complete one of the following

CSCI-Y398 Internship in Professional Practice 3
COAS-S399 INTERNSHIP
CSCI-Y398 Internship in Professional Practice
13. Database Systems (3 credits)

CSCI-C442 Database Systems 3

Science Core

Complete one of the following five sets of courses in Chemistry, Biology, Physics, or Geology. Must include one lecture and one lab.

Option 1 Chemistry

CHEM-C105 Principles of Chemistry II (or equivalent)
CHEM-C125 Experimental Chemistry I (or equivalent)
CHEM-C106 Principles of Chemistry II (or equivalent)
Option 2 Biology

BIOL-L101 Intro to Biological Science I (or equivalent)
BIOL-L102 Intro to Biological Science II (or equivalent)
Option 3 Physics

PHYS-P201 General Physics 1 (or equivalent)
PHYS-P202 General Physics 2 (or equivalent)
Option 4 Physics

PHYS 15200 Mechanics (or equivalent)
PHYS 25100 Heat Electricity and Optics (or equivalent)
Option 5 Geology

GEOL-G101 Introduction to Earth Science: Lecture
GEOL-G102 Introduction to Earth Science Laboratory
GEOL-G107 Two additional GEOL Classes to total 8-10 credits
GEOL-XXX Two additional GEOL Classes to total 8-10 credits

Electives (two courses/6 credits)

Computing Theory Elective

Complete one of the following

CSCI-B401 Fundamentals of Computing Theory
CSCI-B401 Fundamentals of Computing Theory
Artificial Intelligence Elective

CSCI-C463 Artificial Intelligence
Graphics Elective

CSCI-C481 Interactive Computer Graphics
Data Mining Elective

Complete one of the following

CSCI-C490 Data Mining
INFO-I421 Applications of Data Mining
Free electives

Complete any one of the following

CSCI-C490 Seminar in Computer Science (variable topic)
CSCI-C490 Seminar in Computer Science (variable topic)
CSCI-B424 Parallel and Distributed Programming
CSCI-C431 Assemblers and Compilers I
CSCI-C458 Intelligent Robots
CSCI-P422 Web Enterprise Systems
CSCI-C407 Introduction to Digital Forensics
CSCI-B439 Network Security

Minor in Cybersecurity Requirements

- CSCI-A 247 (3 cr.)
- CSCI-A 347 (3 cr.)
- BUS-K 221 (3 cr.)
- BUS-K 321 (3 cr.)
- SPEA-J 303 (3 cr.)

Total (15 cr.)

Graduate Certificate in Computer Science (Online)

IU faculty developed this six-course curriculum to promote excellence in computer instruction to help dual credit instructors meet their professional goals, and in turn, to improve the learning outcomes and classroom experiences of their beginning Computer Science students.

The six-courses required for the Graduate Certificate in Political Science are identical to the computer science component in M.A.T. in Computer Science. Certificate students can stack their computer science coursework into the M.A.T. should they opt to pursue the master's degree.

Requirements

To earn the IU collaborative Graduate Certificate in Computer Science students must complete the following six courses (18 credit hours):

- CSCI-T 500 CS Foundations
- CSCI-T 510 Introduction to Computing and Programming
- CSCI-T 520 Introduction to Software Systems
- INFO-T 530 Introduction to Informatics

- CSCI-T 540 Introduction to Data Science
- CSCI-T 550 Introduction to Cybersecurity

M.A.T. in Computer Science (Online)

IU faculty developed this curriculum to promote excellence in computer instruction to help dual credit instructors meet their professional goals, and in turn to improve the learning outcomes and classroom experiences of their beginning Computer Science students.

The M.A.T. in Computer is a stackable degree—it combines the six required courses of the Graduate Certificate in Computer Science with four School of Education courses providing advanced subject area expertise and graduate-level study in curriculum and pedagogy.

Program Learning Outcomes

Upon completion of the computer science component of the Master of Arts for Teachers in Computer science, students will able to demonstrate fluencies in all core concepts identified in the ACM sponsored K-12 Computer Science Framework, including:

1. Computational Thinking

- Identify complex, interdisciplinary, real-world problems that can be solved computationally.
- Decompose complex real-world problems into manageable subproblems that could integrate existing solutions or procedures.
- Evaluate whether it is appropriate and feasible to solve a problem computationally.

2. Develop and Use Abstractions

- Identify complex, interdisciplinary, real-world problems that can be solved computationally.
- Decompose complex real-world problems into manageable subproblems that could integrate existing solutions or procedures.
- Evaluate whether it is appropriate and feasible to solve a problem computationally.

3. Create Computational Artifacts

- Plan the development of a computational artifact using an iterative process that includes reflection on and modification of the plan, taking into account key features, time and resource constraints, and user expectations.
- Create a computational artifact for practical intent, personal expression, or to address a societal issue.
- Modify an existing artifact to improve or customize it.
- Systematically test computational artifacts by considering all scenarios and using test cases.
- Identify and fix errors using a systematic process.
- Evaluate and refine a computational artifact multiple times to enhance its performance, reliability, usability, and accessibility.

4. Data

a. Understand computational data representation, including conventions and standards for manipulating text, image, sound and numeric processing

b. Gather, prepare and manipulate reasonable datasets, calculate descriptive statistics, explore linear correlations and communicate analysis in compelling visualizations

c. Be able to construct and analyze a model for a simple process and execute it in a simulation.

5. Programming

a. Demonstrate fluencies in key programming constructs, such as event triggers, control structures, variables, data types, modularity and data structures

b. Demonstrate de-bugging strategies

c. Be able to operate in block and text-based programming languages

d. Participate in a software peer review

e. Be able to move a software product from design through post mortem

f. Demonstrate responsibility and stewardship around the impact of computer science on society

g. Include the unique perspectives of others and reflect on one's own perspectives when designing and developing computational products.

h. Address the needs of diverse end users during the design process to produce artifacts with broad accessibility and usability.

i. Employ self- and peer-advocacy to address bias in interactions, product design, and development methods.

J. Be able to identify defensive cybersecurity strategies

k. Engage in and advocate for digital ethics and best practices

Upon completion of the Education component of the M.A.T. in Computer science, graduates will be able to:

- Engage in the development of rigorous curriculum planning and design;
- Promote college-level studies skills and habits of mind;
- Use assessment data to inform college-level instructional practices;
- Prepare dual-credit students for success in college-level assessments;
- Conduct research to improve dual-credit instruction

Requirements

To earn the MAT in Computer Science students must complete the six course/18 credit computer science track and the four course/12 credit graduate education component.

The ten required courses for the M.A.T. for Teachers in Computer Science are:

Computer Science Component (18 credit hours)

- CSCI-T 500 CS Foundations
- CSCI-T 510 Introduction to Computing and Programming
- CSCI-T 520 Introduction to Software Systems
- INFO-T 530 Introduction to Informatics
- CSCI-T 540 Introduction to Data Science
- CSCI-T 550 Introduction to Cybersecurity

Graduate School of Education Component (12 credit hours)

- EDUC-J 500 Instruction in the Context of the Curriculum
- EDUC-H 520 Education and Social Issues
- EDUC-P 507 Assessment in Schools
- EDUC-Y 520 Strategies for Educational Inquiry

Economics

The economics program is housed in the School of Business and Economics. Degrees in economics are awarded by the College of Arts and Sciences.

Minor in Economics Requirements

- ECON-E 201 (3 cr.)
- ECON-E 202 (3 cr.)
- ECON-E 270 (3 cr.)
- Select one of the following
 - ECON-E 321 (3 cr.)
 - BUS-G 300 (3 cr.)
 - equivalent course work
- sufficient additional course work in economics to total a minimum of 15 credit hours

Total (15 cr.)

English

Phone: (219) 980-6565

Website: <https://northwest.iu.edu/english/>

Courses

The English department offers a variety of courses in grammar and language (ENG-G), literature (ENG-L), and writing (ENG-W). English courses at the 100, 200, 300, and 400 levels are for undergraduates while 500-600 level courses are reserved for graduate students. Undergraduates should *not* enroll in any English course at the 500 or 600 level without written permission from both the instructor and department chair.

Composition

Courses in composition include ENG-W 130 and ENG-W 131. Students are not permitted to register for ENG-W 131 until they have taken the English placement exams administered by Admissions. On the basis of their placement test scores, students may be counseled to take ENG-W 130 prior to ENG-W 131.

Students should confer with an advisor about the course that best suits them. Students may also contact the

Director of Writing at (219) 980-6569 for further advising. They should also consult the Bulletin under Placement Testing and Assessment.

Writing

Courses in writing include ENG-W 206, ENG-W 231, ENG-W 280, ENG-W 301, ENG-W 302, ENG-W 303, ENG-W 311, ENG-W 350, ENG-W 398, and ENG-W 490. Before students are eligible to take further courses in writing, they must have completed ENG-W 131.

Literature

Courses in literature include ENG-L 101, ENG-L 102, ENG-L 201, ENG-L 202, ENG-L 203, ENG-L 204, ENG-L 205, ENG-L 207, ENG-L 211, ENG-L 212, ENG-L 215, ENG-L 216, ENG-L 217, ENG-L 218, ENG-L221, ENG-L249, and ENG-L 295.

The following courses are ordinarily recommended for juniors and seniors: ENG-L 305, ENG-L 308, ENG-L 311, ENG-L 315, ENG-L 326, ENG-L 332, ENG-L 335, ENG-L 345, ENG-L 346, ENG-L 347, ENG-L 348, ENG-L 351, ENG-L 352, ENG-L 354, ENG-L 355, ENG-L 357, ENG-L 358, ENG-L 364, ENG-L 365, ENG-L 366, ENG-L 369, ENG-L 381, ENG-L 382, ENG-L 390, ENG-L 440, ENG-L 495.

Language

Courses in the English language include ENG-G 205, ENG-G 207, ENG-G 304, and ENG-G 315.

Program Learning Outcomes

1. Students will practice various reading and analytical strategies.
2. Students will practice effective communication.
3. Students will develop writing for different audiences, genres, and/or rhetorical situations.
4. Students will engage with contextually informed arguments.
5. Students will develop an appreciation for the diverse cultures and identities that produce literature.

Major in English - Bachelor of Arts (B.A.)

Learning Outcomes

1. Students will develop a wide knowledge of the history and traditions of literature written in the English language and an appreciation for the diverse cultures and backgrounds that contribute to the production of literature in English.
2. Students will learn critical and analytical thinking skills, especially close reading skills.
3. Students will learn how to comprehend and produce contextually informed arguments about literature.
4. Students will learn to write and communicate clearly and effectively.

Requirements. The English major contains two tracks: literature and writing. Students should declare a track when they choose to major in English. For both tracks, majors must complete 36 credit hours in English.

Literature Track Requirements (Va)

Select at least 12 courses (36 cr.) above the 100 level, of which at least five must be on the 300-400 level, and no more than 3 courses (9 cr.) may be taken online. Of these

12, there are 9 required courses (27 cr.) for the literature track:

- Grammar and Usage (3 cr.): ENG-G 304
- Literary Interpretation (3 cr.): ENG-L 202
- Two British literature survey courses (6 cr.): ENG-L 211 and ENG-L 212
- Single author course (3 cr.): ENG-L 305, ENG-L 315, ENG-L 318, or ENG-L 369
- American literature (3 cr.): Choose one from ENG-L 350 through ENG-L 363
- Gender and Literature (3 cr.): Choose either ENG-L 207 or ENG-L 249
- World Literatures in English (3 cr.): Choose one from the following list - ENG-L 201, ENG-L 215, ENG-L 216, ENG-L 217, or ENG-L 382
- Senior Capstone Seminar (3 cr.): ENG-L 440

In addition to the listed requirements above, students must take at least 3 electives (9 cr.) within the major and complete the general education requirements for the College of Arts and Sciences.

Total (36 cr.)

Writing Track Requirements (Va)

Select at least 12 courses (36 cr.) above the 100 level, of which at least five must be on the 300-400 level, and no more than 3 courses (9 cr.) may be taken online. Of these 12, there are 9 required courses (27 cr.) for the writing track:

- Grammar and Usage: ENG-G 304 (3 cr.)
- Literary Interpretation: ENG-L 202 (3 cr.)
- Professional Writing: ENG-W 231 or ENG-W280 (3 cr.)
- Writing Fiction: ENG-W 301 (3 cr.)
- Writing Poetry: ENG-W 303 (3 cr.)
- Other Writing Forms: choose one from the following list: ENG-W 302, ENG-W 311 or ENG-W 350 (3 cr.)
- One literature class at the 300-400 level (3 cr.)
- Shakespeare: ENG-L 315 (3 cr.)
- Senior capstone seminar: ENG-L 440 (3 cr.)

In addition to the listed requirements above, students must take at least 3 literature electives (9 cr.) within the major and complete the general education requirements for the College of Arts and Sciences.

Total (36 cr.)

Recommendation

The department recommends that majors considering graduate work in English take elective courses in a variety of periods of English and American literature.

Students who expect to go on to graduate work are advised to take substantial work in at least one foreign language.

We strongly encourage students in the Writing Track to take ENG-W 398, Internship in Writing.

Interdepartmental Major in African American and African Diaspora Studies and English

The Departments of Minority Studies and English offer a thematically integrated major in English and African American and African Diaspora Studies. This

interdepartmental major is designed for students who wish to combine substantial African American and African Diaspora Studies with their work in the American and English literature major. (Details are available under the "Department of Minority Studies" section of this bulletin.)

Minors in English

Students must complete the general requirements of the College of Arts and Sciences.

Following are the requirements for the three options for minors.

Literature Option

- Choose one from the following:
 - ENG-L 202 (3 cr.)
 - ENG-L 203 (3 cr.)
 - ENG-L 204 (3 cr.)
 - ENG-L 205 (3 cr.)
- Choose one from the following:
 - ENG-L 211 (3 cr.)
 - ENG-L 212 (3 cr.)
- Choose one from the following:
 - ENG-L 351 (3 cr.)
 - ENG-L 352 (3 cr.)
 - ENG-L 354 (3 cr.)
- Choose two additional 300-level courses in literature (6 cr.)

Total (15 cr.)

Writing Option

- ENG-W 231 (3 cr.)
- Choose one of the following:
 - ENG-W 311 (3 cr.)
 - ENG-W 350 (3 cr.)
- Choose one of the following:
 - ENG-W 301 (3 cr.)
 - ENG-W 303 (3 cr.)
- Choose two literature classes at the 200 level or above (6 cr.)

Total (15 cr.)

Creative Writing Option

- ENG-W 301 (3 cr.)
- ENG-W 303 (3 cr.)
- ENG-W 311 (3 cr.)
- Two literature classes at the 200-level or above (one must be at the 300-level or above)(6 cr.)

Total (15 cr.)

Women's and Gender Studies/English Option

- Required
 - ENG-L 207 Women and Literature (3 cr.) or WGS-W 207 Women and Literature
 - ENG-L 249 Representations of Gender and Sexuality (3 cr.)
 - WGS-W 201 Women in American Culture (3 cr.)

- WGS-W 401 Topics in Women's and Gender Studies (3 cr.)
- And one of the following (3 cr.):
 - CMLT-C 340 Women in World Literature (3 cr.)
 - ENG-L 235 Gender, Sexuality, and Film (3 cr.)

Total (15 cr.)

Graduate Certificates in English

These 100 percent online, consortial graduate certificates are taught by IU Bloomington, IUPUI, IU East, IU Kokomo, IU Northwest, IU South Bend, and IU Southeast.

There are three graduate certificates in English that provide graduate-level instruction in English to students interested in obtaining advanced skills and knowledge in this discipline. Students may complete the requirements for a Graduate Certificate in English in one of three competency areas: literature, language and literature, or composition studies.

Graduate Certificate in Literature (ONLINE)

Students must take one course in each of the numbered requirements.

1. ENG-L 503—Teaching Literature in College
2. ENG-L 553—Studies in Literature
3. Complete one of the following:
ENG-D 600/ENG-G 655 History of the English Language
ENG-L 639 English Fiction To 1800
ENG-L 641 English Literature 1790-1900
ENG-L 660 Studies In British and American Literature
ENG-L 681 Genre Studies
4. Certificates Electives (8 credits)
Complete two additional courses in English Literature (ENG-L 500/600)

Electives may be repeated for credit so long as they are on a different topic.

Graduate Certificate in Language and Literature (ONLINE)

Students must take one course for each of the numbered requirements.

1. ENG-W 509—Introduction to Writing and Literary Studies **or** ENG-W 500— Teaching Composition
2. ENG-L 503—Teaching Literature in College.
3. Complete one of the following:
ENG-D 600/ENG-G 655 History of the English Language
ENG-L 639 English Fiction To 1800
ENG-L 641 English Literature 1790-1900
ENG-L 660 Studies In British and American Literature
ENG-L 681 Genre Studies
4. Choose one of the following:
ENG-W 600 Topics in Rhetoric and Composition
ENG-W 682 Special Topics in Rhetoric and Composition
ENG-W 508 Graduate Creative Writing for Teachers

ENG-W 554 Practicum: Teaching Creative Writing

5. ENG-L500/600—Literature Electives
Complete one additional course in English Literature (ENG-L 500/600)

Graduate Certificate in Composition Studies (ONLINE)

Course requirements are as follows:

- 1) Complete one of: ENG-W 509 Introduction to Writing and Literacy Studies, or ENG- W500 Teaching Composition
- 2) Complete one of: ENG-G 660 Stylistics or ENG-L 646 Readings in Media, Literature, and Culture
- 3) Complete one of:
ENG-W 510 Computers in Composition
ENG-W 553 Theory and Practice of Exposition
ENG-W 590 Teaching Composition: Theories & Applications
ENG-W 620 Advanced Argumentative Writing
- 4) Complete one of: ENG-W 501 Practicum on Teaching of Composition or ENG-W 600 Topics in Rhetoric and Composition
- 5) Complete one of:
ENG-R 546 Rhetoric and Public Culture
ENG-W 600 Topics in Rhetoric and Composition
ENG-W 682 Special Topics in Rhetoric and Composition

Major in English - Master of Arts (M.A.)

Indiana University's 36 credit hour, 100% online, collaborative MA in English meets the Higher Learning Commission's "Instructor Qualification" standard providing community college and dual-credit instructors teaching college-level introductory literature and composition courses with the opportunity for advanced study in the core areas of research and practice essential to successful teaching at the college-level.

The MA has a two-part, "stackable" structure that includes the completion of both a 20-credit graduate certificate in one of three areas: 1) Literature, 2) Composition, or 3) Language and Literature; as well as the completion of a further 16 credits of master's level coursework that extends students' breadth and depth of knowledge in the field. The stand-alone certificates meet the discipline-specific graduate coursework in literature and composition that the HLC requires, and individuals who already hold a master's degree in another discipline (M.S.Ed. e.g.) will pursue the certificate route. Students who need both the discipline-specific coursework and a master's degree will take the additional coursework required to earn that degree.

Specific areas of focus in the Certificate and MA curriculum include:

- Linguistic structures and history of the English language and English literature;
- Reading strategies and literary practices, such as close reading, analysis of style, form and genre, and rhetorical practices,
- Approaches to composition and writing instruction, including the identification and evaluation of sources, use of evidence, generation of ideas, and the development and organization argument;

- Fostering discussion and developing presentation skills in a seminar setting;
- Developing archival research skills and facility with electronic resources;
- Developments, trends and frontiers in the Digital Humanities.

Program Learning Outcomes

- 1) Command of the core principles of writing and literature pedagogy;
- 2) Deep understanding of the linguistic structure and history of the English language;
- 3) Command of a wide variety of reading strategies associated with genre and close reading, and possess the knowledge and tools necessary to teach these skills;
- 4) Possess analytical and presentation skills developed through the focused study of literature in a seminar format;
- 5) Facility with the tools and creativity in the conduct of archival research;
- 6) An appreciation of current developments, trends and frontiers in the field of Digital Humanities;
- 7) The standards for training and expertise required to meet the HLC's standard for "Qualified" instructor

Program Admission Criteria

Admission to the collaborative M.A. in English is a two-tiered process. Students first apply to one of the three online "stackable" graduate certificates (Literature, Literature and Language, and Composition). The certificate application is streamlined and requires a less-specialized dossier.

Admission to the Certificate Programs (Literature, Composition, Language & Literature).

Minimum Academic Qualifications:

- B.A. in English, English Education, or secondary teaching experience in Language and Literature or composition classes;
- 3.0 minimum undergraduate GPA

Required Certificate Application Materials:

- Official transcripts from each undergraduate institution;
- 250-word personal statement explaining background and reasons for entering the program;
- TOEFL score of 550 paper/79 internet required for international students whose first language is not English. This requirement can be waived for students holding a B.A. in English.

Admission to the M.A. Program

Certificate students who wish to pursue the online M.A. in English will have a track record of success in graduate coursework, completed papers and projects, as well as connections with their online instructors, which will provide them with the information and materials they need for the M.A. application.

Minimum Academic Qualifications:

Certificate students will become eligible to apply for admission to the M.A. after they have completed 3 certificate courses with a 3.5 or better GPA.

Required M.A. in English Application Materials:

- Successful completion of at least 3 courses in one of the stackable online graduate certificates (Composition Studies, Literature, or Literature and Language) with a 3.5 or higher GPA.
- 250-word personal statement explaining background and reasons for entering the program;
- Writing Sample (expository)
- Two letters of recommendation

Transfer Credit

Transfer credit, satisfactory academic progress, and dismissal from the certificate program will follow University Graduate School policy as published in University Graduate School Bulletin and Graduate Handbook. Current policy is as follows:

Transfer Credit: With the approval of the steering committee and in accordance with pertinent IU policies, students may transfer in one four-credit course in partial satisfaction of certificate requirements. No course may be transferred from another institution unless the grade is a B or higher.

Satisfactory Academic Progress and Dismissal

A 3.0 GPA is required for good standing. Any semester's work averaging less than a B will result in the student being placed on academic probation. Accumulation of three individual course grades of C (2.0) or lower for graduate credit will result in dismissal of the student from the program. The department evaluates each student's progress toward the degree every year.

Dismissed students must sit out at least one semester. The curriculum committee will read petitions from students seeking re-entry on a rolling basis. The committee will look for evidence that the student has addressed the underlying issues and obstacles to academic success. Petitions must be submitted at least six weeks ahead of the academic term for which the student seeks enrollment.

Degree Structure and Requirements

Students pursuing the collaborative M.A. in English will complete a two-part degree program that includes a 20-credit stand-alone graduate certificate chosen from the following three options, Literature, Language & Literature, or Composition Studies (Part I), and 16 credits of additional master's degree coursework (Part II).

Required courses for the online M.A. in English will run using the ENG subject code and carry 4 credits.

Part I: Completion of one following three Graduate Certificate options (20 credits)

Option #1 Graduate Certificate in Literature

To earn the Graduate Certificate in Literature, students must complete five graduate courses for 20 credits.

Course requirements are as follows:

Introductory Course—Teaching Literature at the College Level

ENG-L 503 Teaching of Literature in College

History, Methods, and Practice of Literary Study

ENG-L 553 Studies in Literature

Course on the History and Development of the English Language or English Literature

Complete one of:

ENG-D 600/ENG-G655 History of the English Language

ENG L639 English Fiction To 1800

ENG L641 English Literature 1790-1900

ENG L660 Studies In British and American Literature

ENG L681 Genre Studies

Two Electives—any two ENG-L courses (in addition to L503 and L553)

ENG-L class at the 500/600 level

ENG-L class at the 500/600 level

Option #2 Graduate Certificate in Language and Literature

To earn the Graduate Certificate in Language and Literature, students must complete five graduate courses for 20 credits.

Course requirements are as follows:

Introductory Course—Graduate Composition Studies

—

Complete one of:

ENG W509 Introduction to Writing and Literacy Studies,
Or

ENG W500 Teaching Composition

Introductory Course—Teaching Literature at the College Level

ENG L503 Teaching of Literature in College

Course on the History and Development of the English Language or English Literature

Complete one of:

ENG-D 600/ENG-G655 History of the English Language

ENG L639 English Fiction To 1800

ENG L641 English Literature 1790-1900

ENG L660 Studies In British and American Literature

ENG L681 Genre Studies

Writing Pedagogy for College Instructors

Complete one of:

ENG W600 Topics in Rhetoric and Composition

ENG W682 Special Topics in Rhetoric and Composition

ENG W508 Graduate Creative Writing for Teachers

ENG W554 Practicum: Teaching of Creative Writing

Certificate Elective

Complete an additional ENG-L 500/600

Option #3 Graduate Certificate in Composition Studies

To earn the Graduate Certificate in Composition Studies, students must complete five graduate courses for 20 credits.

Course requirements are as follows:

Introductory Course--Graduate Composition Studies

—

Complete one of: ENG W509 Introduction to Writing and Literacy Studies, **or**

ENG W500 Teaching Composition

Stylistics

Complete one of: ENG G660 Stylistics

ENG L646 Readings in Media, Literature, and Culture

Applied Writing Pedagogy

Complete one of: ENG W510 Computers in Composition

ENG W553 Theory and Practice of Exposition

ENG W590 Teaching Composition: Theories & Applications

ENG W620 Advanced Argumentative Writing

Writing Pedagogy for College Instructors

Complete one of: ENG W501 Practicum on the Teaching of Composition in College

ENG W600 Topics in Rhetoric and Composition

Rhetoric Seminar or Capstone

Complete one of: ENG R546 Rhetoric and Public Culture

ENG W600 Topics in Rhetoric and Composition

ENG W682 Special Topics in Rhetoric and Composition

Part II: Additional Coursework for the M.A. in English (16 credits)

To earn the Master of Arts in English, students must complete an additional four graduate courses for 16 credits.

Courses in Core Skills and Methods of Advanced Literary Study

Complete two courses chosen from the following list (8 credits)

(cannot duplicate certificate enrollments)

ENG L506 Introduction to the Methods of Criticism and Research

ENG L646 Readings in Media, Literature, and Culture

ENG R546 Rhetoric and Public Culture

ENG W509 Introduction to Writing and Literacy Studies

ENG G500 Introduction to the English Language

Electives Courses (8 credits)

Complete any two ENG-X 500/600 level courses.

May include by permission only, ENG-W 609 Independent Writing

Geosciences

Phone: (219) 980-6740

Website: <http://www.northwest.iu.edu/geosciences/>

Geology

Geology is the scientific study of the earth, including its materials and resources, the physical and chemical processes that occur on its surface and in its interior, the development of landforms, and the methods for studying the planet.

The Bachelor of Science in Geology degree provides a rigorous general background in the field of geology and allied disciplines. The degree is designed for students who wish to prepare for graduate school, employment or state certification as a professional geologist. The degree also provides rigorous scientific training for students seeking a career in science education. This degree offers a more extensive requirement in biology, chemistry, mathematics, and physics compared with the Bachelor of Arts in Geology degree and is designed to optimize student opportunities. The degree requires participation in an accredited field camp in geology.

The Bachelor of Arts in Geology provides a general background in the field of geology and requires a diversified liberal arts education in place of some of the allied disciplines. The B.A. is an appropriate choice for students who wish to teach earth sciences at the secondary level and for those who wish to gain a general knowledge of the geosciences and their relationship to other sciences.

Learning Outcomes

1. Student will develop critical and analytical thinking skills
2. Students will be well-prepared in quantitative and qualitative analyses
3. Students will possess a general knowledge of geologic theory and demonstrate its application in solving geological and environmental problems.
4. Students will be able to communicate scientific concepts to scientists and non-scientists.

Major in Geology - B.S.

Requirements Majors complete 40-43 credit hours in geology and 36 credit hours in the allied disciplines

1. Any **one** of the following 100-level courses AND laboratory:

- GEOL-G101 Introduction to Earth Science (3 cr.) AND GEOL-G102 Intro to Earth Science Lab (1 cr.)
- GEOL-G110 How the Earth Works (3 cr.) AND GEOL-G120 Intro to Earth Sciences Lab (1 cr.)
- GEOL-G185 Global Environmental Change (3 cr.) AND GEOL-G102 Intro to Earth Science Lab (1 cr.)

2. All of the following:

GEOL-G209 History of the Earth (4 cr.)

GEOL-G221 Minerology (4 cr.)

GEOL-G222 Petrology (4 cr.)

GEOL-G317 Field and Laboratory Techniques (4 cr.)

GEOL-G323 Structural Geology (4 cr.)

GEOL-G334 Principles of Sedimentation and Stratigraphy (4 cr.)

GEOL-G429 Field Geology in the Rocky Mountains (6 cr.)

OR other chairperson approved geology field camp (5-6 credits) (fulfills capstone requirement for B.S. in Geology)

GEOL-G490 Undergraduate Seminar (fulfills capstone requirement for B.S. in Geology)

2. Complete **one** of the following sequences:

Two 400-level lecture-based geology courses (6-8 credit hours)

OR

One 400-level lecture-based geology course (3-4 credit hours) AND one semester of research or internship fulfilled by one of the following courses:

- GEOL-G407 Senior Science Project (3 cr.)
- GEOL-G408 Senior Science Project (3 cr.)
- GEOL-G460 Internship in Geology (3 cr.)

NOTE: Classes offered through IU Online must be approved by the IU Northwest Chair of Geosciences to count towards the geology major or minor.

3. Allied Courses

Chemistry (10 credits) CHEM C105-CHEM C106, CHEM C125-CHEM C126

Physics (10 credits) PHYS P201, PHYS P202 OR PHYS P221, PHYS P222

Mathematics (10 credits) MATH M215, MATH M216

Geography GEOG-G338 (3 credits)

Biology (3 credits)

4. Students must also complete the general requirements of the College of Arts and Sciences.

Honors Track Major in Geology - B.S.

The Honors track recognizes the most accomplished students by an Honors designation on their transcripts. The total number of required credit hours for the Honors designation will not differ from the total number of credit hours for the BS degree in geology.

Students with a cumulative GPA of 3.2 or higher are potential candidates for the Honors track. They also need to do undergraduate Research within either GEOL-G407 Senior Geosciences Projects I and/or GEOL-G 408 Senior Geosciences Projects II, and present their research at the IU Northwest Undergraduate Research Conference, at the Geological Society of America Regional or National meeting, or comparable conferences.

Major in Geology - B.A.

Requirements

Majors complete at least 34-36 credit hours in geology, 11-12 credit hours in the allied disciplines and a minimum of 36 credit hours in courses at the 300-400 level.

1. Any one of the following 100-level courses AND laboratory:

- GEOL-G101 Introduction to Earth Science (3 cr.) AND GEOL-G102 Intro. to Earth Science Lab (1 cr.)

- GEOL-G110 How the Earth Works (3 cr.) and GEOL-G120 Intro. to Earth Science Lab (1 cr.)
- GEOL-G185 Global Environmental Change (3 cr.) AND GEOL-G102 Intro. to Earth Science Lab (1 cr.)

2. All of the following:

- GEOL-G209 History of the Earth (4 cr.)
- GEOL-G221 Mineralogy (4 cr.)
- GEOL-G222 Petrology (4 cr.)
- GEOL-G317 Field and Laboratory Techniques (4 cr.)
- GEOL-G323 Structural Geology (4 cr.)
- GEOL-G334 Principles of Sedimentology and Stratigraphy (4 cr.)

3. Any two 400-level lecture-based geology courses.

(The following GEOL (geology) courses fulfill the College of Arts & Sciences capstone requirement for the B.A. in Geology: GEOL-G406, GEOL-G413, GEOL-G415, GEOL-G435, GEOL-G451, GEOL-G476, GEOL-G490)

4. Allied Courses (11-12 cr.):

- One college level chemistry course
- MATH-M125 and MATH-M126 (6 cr.) or MATH-M127 (5 cr.)
- Geography GEOG-G 338 (3 cr.)

5. Students must also complete the general requirements of the College of Arts and Sciences. Including a minimum of 36 credit hours in courses at the 300-400 (junior-senior) level.

Major in Sustainability (B.A. Online)

The IU Online BA in Sustainability Studies prepares students for such careers as sustainability policy consultant, environmental advocate, environmental engineer, natural sciences manager, environmental specialist, sustainability program coordinator, energy manager, ecotourism guide, energy auditor. This consortial program is taught by IU East, IU Kokomo, IU Northwest, IU South Bend, and IU Southeast. This consortial model allows students to take coursework from several campuses and learn from a wide range of faculty. It provides flexibility to meet degree requirements through multiple modalities. Students can complete this degree by completing courses 100 percent online or through a combination of in-person and online offerings. All students are responsible for fulfilling the general requirements of the bachelor's degree as established by the College of Arts and Sciences, which include a minimum of 36 hours at the 300-400 level. Completion of the BS in environmental science requires a total of 120 credit hours and a minimum of a 2.0 grade point average.

Learning Outcomes

1. Provides an interdisciplinary framework within which students study the foundations of sustainability and learn how to apply this knowledge to the development and implementation of sustainable values, innovations, practices, and technologies in our homes, communities, and businesses.
2. Emphasizes connections between environment, economy, and society, and builds a

group of faculty and students prepared to address the complex socio-environmental issues confronting our local and global communities.

3. Prepares students to leverage sustainability, leadership and innovation to realize career opportunities presented by the green economy.
4. Fosters an ethical sensibility and capacity to deal with complex socio-environmental issues.

Major requirements (42 credit hours) are broken down into the categories below. There are numerous courses within each category to choose from and majors should consult with their academic advisor for current course offerings. Find more information on this collaborative degree at: <https://online.iu.edu/degrees/sustainability-studies-bachelor.html>

To earn the BA in Sustainability Studies, students must complete 120 overall credit hours, statewide general education, any additional campus and school requirements, and the requirement of the 42-43 credit hour B.A. in Sustainability major, which are as follows:

1. SUST-C 301 Fundamentals of Sustainability Studies (3 Cr)
2. Scientific Foundations of Sustainability

Two courses—one chosen from each of the following two lists:

- Introductory level sustainability science course (3 Cr) chosen from:
 - BIOL-L 100 Humans and the Biological World
 - GEOG-G 107 Physical Systems of the Environment
 - GEOG-G 108 Physical Systems of the Environment Lab
 - GEOG-G 110 Human Geography in a Changing World
 - GEOL-G 101 Introduction to Earth Science
 - GEOL-G 185 Global Environmental Change
- Two upper-level sustainability science course (6-7 Cr) chosen from:
 - GEOL-G 400 Energy: Sources & Needs
 - BIOL-L 333 Environmental Science
 - BIOL-L 325 Ecological Principles
 - GEOL-G 476 Climate Change Science
 - SUST-C 330 Scientific Foundations of Sustainability

3. Two courses in the Social & Behavioral Foundations of Sustainability (6 Cr) chosen from:

- AAAD-A#301 Community Planning and Development
- GEOG-G 315 Environmental Conservation
- POLS-Y 308 Urban Politics
- POLS-Y 346 Politics of the Developing World
- SOC-S 308 Global Society
- SUST-C 340 Social and Behavioral Approaches to Sustainability

4. Arts and Humanities and Sustainability (3 Cr)

- ENG-L 301 English Literature Survey I
- ENG-L 390 Childrens Literature
- SUST-C 350 Sustainability in the Arts and Humanities

5.1 Methods & Techniques for Sustainability Studies (6 Cr)

- SOC-S 261 Research Methods in Sociology
- SOC-S 262 Statistics for Sociology
- ECON-E 270 Introduction to Statistical Theory and Economics and Business
- GEOG-G 338 Geographic Information Systems
- GEOG-G 438 Advanced Geographic Information Systems
- SUST-C 320 Methods and Applications in Sustainability

5.2 Written Communication (3 Cr)

- ENG-W 231 Professional Writing Skills
- ENG-W 234 Technical Report Writing
- ENG-W 230 Writing in the Sciences
- ENG-W 250 Writing in Context: VT Writing Nature
- ENGL-W 270 Argumentative Writing

6. Business & Economics of Sustainability (3 Cr)

- GEOG-G 314 Urban Geography
- GEOG-G 320 Population Geography
- GEOG-G 369 Geography of Food
- GEOG-G 478 Global Change, Food, and Farming Systems
- PHIL-P 306 Business Ethics
- SUST-C 360 Business and Economics of Sustainability

7. Sustainability Electives (6 cr)

Two additional courses selected from the list of eligible courses for requirements 2-6. Electives cannot be used to satisfy other BA Sustainability requirements.

9. Sustainability Capstone: (3 Cr)

- SUST-C 490 Sustainability Practicum

Interdepartmental Major in Environmental Science - B.S.

The Environmental Science major is an interdepartmental program that leads to a Bachelor of Science degree in Biology, Chemistry, or Geology, with a major in Environmental Science. It provides a rigorous interdisciplinary background in the natural science segment of the environmental sciences, combined with a significant background in the allied disciplines of physics and mathematics, and coursework in environmental affairs. The Environmental Science major is designed to prepare students for graduate programs or employment as scientists in technical fields associated with the environmental industry and government sector. These disciplines include hydrology, environmental hazard mitigation, waste management, water and air quality issues, ecology, and habitat issues.

All students are responsible for fulfilling the general requirements of the bachelor's degree as established

by the College of Arts and Sciences, which include a minimum of 36 hours at the 300-400 level. Completion of the BS in environmental science requires a total of 120 credit hours and a minimum of a 2.0 grade point average.

Students fulfill core requirements from the disciplines of geology, biology and chemistry and choose two disciplines for an interdepartmental concentration area. Please consult the individual departments for more information. Students are required to complete a minimum of 40 credit hours in the interdepartmental major with a minimum of 12 credit hours at the 300- or 400-level in each of the two concentration areas. Students are required to complete additional courses in associated areas of study.

Requirements

Complete the general education requirements for the Bachelor of Science degree in the College of Arts and Science. Fulfill the following:

- Geology, Chemistry, and Biology requirements
 - Any **one** of the following 100-level courses AND laboratory:
 - GEOL-G 101 Introduction to Earth Sciences (3 cr.) AND GEOL-G 102 Intro. to Earth Science Lab (1 cr.)
 - GEOL-G110 How the Earth Works (3 cr.) AND GEOL-G102 Intro. to Earth Science Lab (1 cr.)
 - GEOL-G 185 Global Environmental Change (3 cr.) AND GEOL-G 102 Intro. to Earth Science Lab (1 cr.)
 - GEOL-G209 – History of the Earth – Lecture/Lab (4 cr.)
 - CHEM-C105 – CHEM-C125 Principles of Chemistry I/Experimental Chemistry I (5 cr.)
 - CHEM-C106 – CHEM-C126 Principles of Chemistry II/Experimental Chemistry II (5 cr.)
 - BIOL-L101 – Introduction to Biological Sciences I – Lecture/Lab (4 cr.)
 - BIOL-L102 – Intro to Biological Sciences II – Lecture/Lab (4 cr.)
- Public and Environmental Affairs allied environment requirement. Coursework selections must be approved by the student's Faculty Advisor.
 - Select one of the following
 - SPEA E272 Intro to Environmental Science (3 cr.)
 - SPEA E400 (Topics in Environmental Studies) (3 cr.)
- Complete a combined total of 40 credit hours from **two** scientific disciplines in the major. The 40 credit hour concentration need not be equally divided between the two disciplines. Each of the two areas should include a minimum of 12 credit hours of 300- 400-level coursework. Geography GEOG-G315, and GEOG-G338 may be used in fulfillment of this requirement. Coursework selections must be approved by the student's Faculty Advisor. Coursework completed in the students' chosen disciplines from 2. above (Geology, Chemistry, and Biology requirements) count toward the total credit hours.

- Allied Sciences (8-15 credit hours) - Choose two of the following:
 - MATH-M215 – Calculus I (5 cr.)
 - K300 – Statistics (3 cr.)
 - PHYS-P201 and PHYS-P202 – Algebra-based Physics I (5 cr.)
 - PHYS-P221 and PHYS-P222 – Calculus-based Physics II (5 cr.)
- Senior Seminar (*capstone*) (integration of Biology/Chemistry/Geology into environmental topics of current importance) (1 cr.) – GEOL-G490/BIOL-L403/CHEM-C301

Electives

The following list is designed to provide students with guidance in course selection. Students should speak to their advisors to choose elective courses that best meet their educational goals.

- Any coursework from Biology, Chemistry, and Geology that was not used to satisfy major requirements.
 - MATH-M216 – Calculus II (5 cr.)
 - SPEA H316 – Environmental Health (3 cr.)
 - SPEA E400/V450 – Environmental Planning (3 cr.)

Minors in Geology and Earth Science

A minor in geology offers students majoring in other disciplines a solid background in the geological sciences. It should prove especially useful for students seeking careers with interdisciplinary emphasis (e.g., chemistry, biology, the environmental sciences). The earth science minor is designed to provide students planning careers involving the management of resources with sufficient background to understand basic geological principles and their relationships to human activities on earth.

Earth Science Minor (15 cr.)

1. Any one of the following 100-level courses AND laboratory:
 - GEOL-G 101 Introduction to Earth Sciences (3 cr.) AND GEOL-G 102 Intro. to Earth Science Lab (1 cr.)
 - GEOI-G110 How the Earth Works (3 cr.) AND GEOL-G102 Intro. to Earth Science Lab (1 cr.)
 - GEOL-G 107 Environmental Geology (3 cr.) AND GEOL-G 102 Intro. to Earth Science Lab (1 cr.)

2. GEOL-G 209 History of the Earth (4 cr.)

3. Additional coursework must consist of at least two 200-400 level geology (GEOL) and/or geography (GEOG) courses. Course selections must be coordinated with and approved by the IU Northwest Chair. Field trip courses (e.g. GEOL G220/ G420) cannot be used to satisfy the upper-level course requirements.

Geology Minor (15 cr.)

1. Any **one** of the following 100-level courses AND laboratory:
 - GEOL-G 101 Introduction to Earth Sciences (3 cr.) AND GEOL-G 102 Intro. to Earth Science Lab (1 cr.)

- GEOI-G110 How the Earth Works (3 cr.) AND GEOL-G102 Intro. to Earth Science Lab (1 cr.)
- GEOL-G 107 Environmental Geology (3 cr.) AND GEOL-G 102 Intro. to Earth Science Lab (1 cr.)

2. GEOL-G 209 History of the Earth (4 cr.)

3. Additional coursework must consist of at least two 200-400 level geology (GEOL) courses. Course selections must be coordinated with and approved by the IU Northwest Chair. Field trip courses (e.g. GEOL G220/G420) cannot be used to satisfy the upper-level course requirements.

About Geography

No major is offered in geography at IU Northwest.

The program in geography is designed to serve the following purposes:

- Contribute to the development of an informed citizenry
- Provide specific skills and knowledge of the discipline for those who plan to pursue careers in
 - Teaching geography, social studies, and/or earth science
 - Geospatial Technologies, Geographic Information Systems (GIS), Cartography, Aerial Photography and Remote Sensing
 - Urban and/or regional planning
- Provide the background for graduate study

History, Philosophy, Political Science, and Religious Studies

Phone: (219) 980-6655

Website: <https://northwest.iu.edu/hist-phil-rel-pols/>

About History

The Department of History offers students a wide range of courses in American, European, and Asian history, along with other courses in non-Western history and historiography. The department also cross-lists courses with Minority Studies and Women's and Gender Studies. The goals of the department are to teach analysis of texts, research skills, and critical thinking, along with the local, national, and global interconnectedness of historical events.

History Honors Program

Superior students are encouraged to pursue independent study and research through reading for honors courses at the junior and senior levels. Students with a grade point average of 3.4 in courses in history may write an honors thesis in their senior year with the consent of the department. Proposals should be submitted to the chairperson in the semester before the thesis is to be undertaken. Further information about advanced placement and the honors program may be obtained from the Department of History, Philosophy, Political Science, and Religious Studies.

The Paul J. Urcan Memorial Prize Award Each year, a committee of departmental faculty selects a student, usually a graduating senior, who has done outstanding

work in history to be awarded the Paul J. Urcan Memorial Prize.

Rhiman A. and Brenda Rotz Memorial Scholarship

Each year, junior and senior students may submit a proposal for the scholarship, according to department guidelines. A committee of department faculty chooses the recipient.

Major in History

Learning Outcomes

Content: Demonstrate knowledge of at least three geographic regions of the world in both modern and pre-modern time periods. This will include historical geography, historical actors, events of significance, and social movements with emphasis on exploring historical themes that span multiple places and periods.

Interpretation of History: Formulate historical interpretations that effectively make use of such interpretive tools as historical context, historiography, multiple perspectives, as well as continuity and change over time

Requirements

- HIST-H 105 (3 cr.)
- HIST-H 106 (3 cr.)
- HIST-H 113 (3 cr.)
- HIST-H 114 (3 cr.)
- HIST-H 215 Proseminar in History, taken before the capstone course
- History courses numbered 200-499 (18 cr.), including
 - 2 courses in United States history [HIST A] (6 cr.)
 - 2 courses in European history (from the Middle Ages to the present) [HIST B] (6 cr.)
 - 2 courses in other areas or topics in history (e.g., ancient, non-European, non-U.S.) [HIST C,D,F,G, or T] (6 cr.)
- HIST-J 495 Proseminar in History to fulfill capstone requirement
- The Department of History accepts any Latino studies courses with history designations toward the B.A. in history. Additionally, we will accept one CHRI number taken by students toward an A.A. in Latino studies and apply it to the B.A. in history toward completion of the required 24 credits of history courses at the 200 level and above.

Major in History-B.A. (ONLINE)

Learning Outcomes

1. Demonstrate a breadth of knowledge of both Western and Global regions in both modern and pre-modern time periods. This will include historical geography, historical actors, events of significance, and social movements with emphasis on exploring historical themes that span multiple places and periods.
2. Formulate historical interpretations that effectively make use of such interpretive tools as historical

context, historiography, multiple perspectives, as well as continuity and change over time.

3. Demonstrate an understanding of diverse human cultures by describing cultural variation within and between nations. Perceptions of diversity may be expressed through a variety of factors such as race, gender, age, sexuality, language, religion, ethnicity, class, region, or beliefs and values about politics, nationality, economy, and social organization.
4. Produce work that exhibits critical thinking through the creation of theses, the synthesis and analysis of primary and secondary evidence, coherent paragraphs, smooth transitions, and the logical sequence of ideas.
5. Search and retrieve relevant primary and secondary historical sources from a variety of repositories such as libraries, archives, museums, digital archives, etc, and use historical methods to analyze the data produced.
6. Integrate and synthesize primary and secondary sources to craft historical interpretations, narratives, and arguments.

Degree Requirements

To earn the IU Online collaborative B.A. in History, students must complete all the standard campus- and school-specific degree requirements, including general education, and the 36 credit History major comprised of the following requirements:

- 1) Complete a two-part History Foundations course sequence (6cr) to be chosen from:
 - a) HIST-H 105 American History I and HIST-H 106 American History II;
 - b) HIST-H 108 Perspectives on the World to 1800 and HIST-H 109 Perspectives on the World 1800 to Present;
 - c) HIST-H 113 History of Western Civilization I and HIST-H 114 History of Western Civilization II.
- 2) Complete two additional introductory level History courses selected from the list below (6 cr). Courses used to satisfy the History Foundations requirement cannot be applied towards satisfaction of this requirement.

HIST-A 100 Issues in United States History
 HIST-E 100 Introduction to African History
 HIST-F 100 (Issues in Latin America)
 HIST-G 100 (Issues in Asian History)
 HIST-H 101 The World in the Twentieth Century
 HIST-H 105 (US to 1865)
 HIST-H 106 (Us from 1865)
 HIST-H 108 Perspectives on the World to 1800
 HIST-H 109 Perspectives on the World since 1800
 HIST-H 113 History of Western Civilization I
 HIST-H 114 History of Western Civilization II
 3) Complete HIST-J 216 Sophomore Seminar in History (3 Cr).

- 4) Complete six History courses at the 300/400 level (18 cr). These six courses must include classes in 3 different regions as denoted by the course prefix. Upper-level History courses the following subject code-prefix combinations to identify 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

5) Complete HIST-J 496 Proseminar in History

Minor in History Requirements

- Take one of the following:
 - HIST H105 American History I (3 cr.)
 - HIST H106 American History II (3 cr.)
 - HIST H113 World Civilization I (3 cr.)
 - HIST H114 World Civilization II (3 cr.)
- 4 courses at the 200-400 level from 2 different fields (American, European, non-Western, including at least 2 300-400 level courses) (12 cr.)

Graduate Certificate in History (ONLINE)

The IU Online Graduate Certificate in History provides graduate-level instruction in the field of history.

Gain a depth of knowledge in a variety of historical subjects, practice historical interpretation, think critically, employ research and analysis methods, and communicate concepts and ideas with precision and clarity.

Develop skills including:

- Effective oral and written historical communication skills.
- The ability to perform research.
- The ability to construct original historical arguments.
- The ability to effectively teach dual-credit history courses.

To earn the GC History, students must complete 18 credits of graduate History courses including the T590 Research Seminar in History.

I. Graduate U.S. History courses (15 cr)

Students complete five courses selected from the following list of six:

HIST-T 510 Historical Methodology (3 cr)
 HIST-T 520 Teaching College History (3 cr)
 HIST-T 530 Early America, 1400-1800 (3 cr)
 HIST-T 540 The Long 19th Century, 1800-1917 (3 cr)
 HIST-T 550 Modern United States, 1917-Present (3 cr)
 HIST-T 560 US and the World – Comparative History (3 cr)

II. History GC Capstone (3 cr)

Students complete:

HIST-T 590 Research Seminar in History (3 cr)

M.A. in History (ONLINE)

By studying the past, we are better able to understand and communicate the importance of issues in our contemporary world. The IU Online Master of Arts in History explores geographic regions of the world in both modern and pre-modern time periods to identify historical actors, events of significance, and social movements.

Gain graduate-level historical knowledge, critical thinking skills, and techniques for clear and persuasive writing. Learn to recognize historiographic trends and their meanings, perform research, and construct original

historical arguments. Your studies will culminate in at least one semester-long research project of original scholarship.

Specific areas of focus include:

- Early America (1400–1800)
- The long 19th century in the US (1800–1917)
- Modern United States (1917–present)
- The US and the world
- European history
- Latin American history
- Asian history
- African history

Program Learning Outcomes

1. Effective oral and written historical communication skills
 - Apply historical methods
 - Identify and describe broader historical context beyond one geographical region
 - Explain historiographic trends
 - Connect historical events/issues to contemporary situations
2. Ability to perform research
 - Locate and identify primary source material (written, visual, material culture, artistic, oral, photographic, video, digital)
 - Locate and identify secondary source material
 - Employ appropriate academic style and citations
3. Ability to construct original historical arguments
 - Assess validity of historical sources
 - Analyze historical sources to develop and support an argument
 - Produce article-length original research papers and projects
4. Develop competencies in digital and public history
 - Evaluate, develop, and use digital tools for historical research and presentation
 - Employ the methods and theories of digital and public history

Degree Requirements

To earn the IU collaborative MA in History, students must complete 10 graduate History courses for a total of 30 credits and satisfy the following core and distribution requirements:

1. Historical Methodology (3 Cr)

Complete: HIST-T 510 Historical Methodology

2. Digital and Public History (3 Cr)

Complete: HIST-T 570 Digital and Public History

3. One four-course major field (12 Cr)

The collaborative MA in History offers two major options—U.S. History or World History

Option one: U.S. History (complete 4 of 5)

HIST-T 520 Teaching College History

HIST-T 530 Early America, 1400-1800

HIST-T 540 The Long 19th Century, 1800-1917

HIST-T 550 Modern United States, 1917-Present
 HIST-T 560 US and the World –Comparative History

Option Two: World History (complete 4 of 5)

HIST-T531 European History
 HIST-T541 Latin American History
 HIST-T551 Asian History
 HIST-T 561 African History (in development)
 HIST-T571 World History

Students in the World History major may repeat any one of the major courses once for credit provided the repeated course has a different topic. Students cannot count a third enrolment in a particular course in the MA History (even if all three versions have different topics). This ensures that students cover at least two regions when completing the World History major.

4. Minor Field (6 cr)

Two courses chosen from the list of courses listed for the other major.

5. Historical Research (3 Cr)

Complete: HIST-T 590 Research Seminar in History

6. MA History Capstone (3 Cr)

Students complete one of the following three options:

1. HIST-T 590 Research Seminar in History—Students produce an additional semester long project research on a topic of the student's own choosing in consultation with the instructor of record that will culminate in an article-length work (8,000 to 10,000 words excluding notes and bibliography) of original scholarship based on primary and secondary sources.
2. HIST-T 591 Research Seminar in Digital and Public History P: T570 Digital and Public History. Students produce a digital or public history project based in original scholarship.
3. HIST-T 592 Thesis Students produce a thesis length research project that builds on a previous paper and is based on original scholarship. The outcome will be at least 40 pages in length.

M.A.T. in History (Online)

The IU Online Master of Arts for Teachers in History combines coursework in education and history to prepare you to be a dual-credit instructor at the high school and community college levels. The educational component of the program teaches you how to apply the science and art of teaching to college-level instruction. Coursework covers instruction and curriculum, assessment, diversity and inclusive teaching, and research.

As a student in the history component of the program, you focus on the historiographic trends and historical context necessary to properly analyze current events. You gain a depth of knowledge in a variety of historical subjects while learning the most effective methods to teach those subjects to an undergraduate audience. You

learn to perform historical research and construct original arguments while assessing the validity of the historical sources you use.

Program Learning Outcomes

Upon completion of the History component of the Master of Arts for Teachers in History, graduates will be able to -

1. Model effective oral and written historical communication skills by applying historical methods, identifying and describing historical contexts, explaining historiographic trends, connecting historical events/issues in contemporary situations, and employing appropriate academic style and citation.
2. Use a variety of digital tools for historical research to perform research, locate and identify primary and secondary source material (written, visual, material culture, artistic, oral, photographic, video, digital).
3. Assess the validity and analyze the significance of historical sources to develop and support historical arguments.
4. Select sources, prepares lessons, and align distinct teaching methods to learning outcomes in order to provide effective History instruction at the College level.

Upon completion of the Education component of the Master of Arts for Teachers in History, graduates will be able to—

1. Engage in the development of rigorous curriculum planning and design;
2. Promote college-level studies skills and habits of mind;
3. Use assessment data to inform college-level instructional practices;
4. Prepare dual-credit students for success in college-level assessments;
5. Conduct research to improve dual-credit instruction.

MAT Requirements

To earn the Master of Arts for Teachers in History, students must complete the graduate history and graduate education degree components for a total of 30 credits.

I. MAT History --History Component (identical to the GC History)

a. U.S. History (15 cr)

Complete five courses selected from the following list:
 HIST-T 510 Historical Methodology (3 cr)
 HIST-T 520 Teaching College History (3 cr)
 HIST-T 530 Early America, 1400-1800 (3 cr)
 HIST-T 540 The Long 19th Century, 1800-1917 (3 cr)
 HIST-T 550 Modern United States, 1917-Present (3 cr)
 HIST-T 560 US and the World – Comparative History (3 cr)

b. History Capstone (3 cr)

HIST-T 590 Research Seminar in History (3 cr)

II. MAT History—Education Component (12 cr)

Complete the following four School of Education graduate classes:

- 1) EDUC-H 520 Education and Social Issues
- 2) EDUC-J 500 Instruction in the Context of Curriculum
- 3) EDUC-P 507 Assessment in Schools
- 4) EDUC-Y 520 Strategies for Educational Inquiry

About Philosophy and Religious Studies

The curriculum of the philosophy program is designed to contribute to the intellectual training of all undergraduates and to acquaint them with some of the most important developments in the history of ideas. Courses in the program emphasize clear and cogent thinking about fundamental problems, locate the origins of these problems in the writings of the great philosophers, and provide in-depth examinations of proposed solutions. The department also offers courses in ethics designed for business and medical students.

Learning Outcomes

- Demonstrate the ability to reason ethically and apply ethical principles when making decisions.
- Demonstrate an awareness of the responsibilities and roles of being a citizen and strategies for being involved in a democratic society.

Major in Philosophy Requirements

A minimum of 30 credit hours in philosophy. No more than 9 credit hours at the 100 level may be included. Three courses from the sequence in the history of philosophy: PHIL-P 201, PHIL-P 211, PHIL-P 301, PHIL-P 304. One course in logic and one course above the 100 level in each of the following four areas: (1) ethics, (2) metaphysics or epistemology, (3) twentieth-century philosophy, and (4) either PHIL-P 383 or PHIL-P 490 to fulfill the capstone requirement. Students must also complete the general requirements of the College of Arts and Sciences.

Minor in Philosophy Requirements

PHIL-P 100; one course in logic (PHIL-P 150); one course in ethics or social and political philosophy (e.g., PHIL-P 140 or PHIL-P 343); one course at 200 level or above; one elective 3 credit hour course in philosophy.

Political Science

About the Political Science Program

The Political Science program offers an opportunity for the systematic study of political institutions and processes leading to a degree in political science. Courses are offered in the following areas of study:

- Political theory and philosophy
- American political institutions and processes
- International relations and foreign policy
- Comparative politics

Special features of the department's program include opportunities for field research, internships in governmental agencies, and a senior seminar for all political science majors.

A degree in political science is a liberal arts degree, and as such prepares students to assume the duties of citizenship; provides special knowledge and skills useful in public service, law, business, and other careers; and lays a foundation for the scholarly study of government and politics. Prospective political science students and majors are invited to discuss their interests with any member of the political science faculty.

Learning Outcomes

- Demonstrate the ability to reason ethically and apply ethical principles when making decisions.
- Demonstrate an understanding of structures and processes of American government commensurate with citizenship duties and an effective civil society.
- Demonstrate a high degree of familiarity with a broad range of political systems.
- Demonstrate effective written and communication skills.

Major in Political Science - B.A. Requirements

In addition to meeting the College of Arts and Sciences' requirements for all B.A. degrees, political science majors must take 36 credit hours in political science, choosing their classes from the following groups.

Core courses (9 cr.).

- POLS-Y 103 Introduction to American Government
- POLS-Y 395 Quantitative Political Analysis
- POLS-Y 490 Senior Seminar in Political Science (independent study)

American institutions and processes (9 cr.)

- POLS-Y 200 Contemporary Political Topics
- POLS-Y 205 Analyzing Politics
- POLS-Y 304 Constitutional Law
- POLS-Y 318 The American Presidency
- POLS-Y 319 U.S. Congress
- POLS-Y 401 Topics Course

International relations and comparative politics (9 cr.)

- POLS-Y 335 Comparative Politics - Europe
- POLS-Y 360 U.S. Foreign Policy
- POLS-Y 362 International Politics of Selected Regions -Latin America
- POLS-Y 366 Current Foreign Policy Problems
- POLS-Y 372 International Relations
- POLS-Y 373 Politics of Terrorism

Political theory and philosophy (9 cr.)

- POLS-Y 381 Classical Political Philosophy
- POLS-Y 382 Modern Political Philosophy
- POLS-Y 384 Development of American Political thought II

Recommended: In addition to meeting departmental and general requirements, the political science department strongly suggests that political science majors take supporting courses in economics and history, especially American History.

Major in Political Science Pre-Law Track - B.A.

In addition to meeting the College of Arts and Sciences' requirements for all B.A. degrees, political science pre-law track majors must take 33 credit hours, as outlined below.

Core courses (12 cr.)

- POLS Y103 Introduction to American Government
- POLS Y304 Constitutional Law
- POLS Y395 Quantitative Political Analysis
- POLS Y490 Senior Seminar (as an Independent Study)

American Institutions and processes (6 cr.)

- POLS Y318 The American Presidency
- POLS Y319 U.S. Congress

International relations and comparative politics (6 cr.)

- POLS Y360 U.S. Foreign Policy
- POLS Y372 International Relations

Political theory and philosophy (9 cr.)

- POLS Y381 Classical Political Philosophy
- POLS Y382 Modern Political Philosophy
- POLS Y384 Development of American Political Thought II

Additional Requirements - Group VB:

Phil P150 Elementary Logic (counts toward Group III C)

Recommended: In addition to meeting department and general requirements, the political science department strongly suggests that political science pre-law track majors take supporting courses in economics and history, especially American history.

Minor in Political Science Requirements

- POLS-Y 103 Introduction to American Government
- POLS-Y 318 U.S. Presidency
- POLS-Y 319 U.S. Congress
- POLS-Y 372 International Relations
- POLS-Y 360 U.S. Foreign Policy
- One Course in Political Theory (Y381, Y382, or Y384)

Total: 18 credits

Minor in Foundations of Law Requirements

- POLS-Y 103 Introduction to American Government
- POLS-Y 304 Constitutional Law
- POLS-Y 381 Classical Philosophy
- POLS-Y 382 Modern Philosophy
- POLS-Y 384 American Political Thought
- PHIL-P 150 Elementary Logic

The university provides prelaw counseling for interested students. Contact the prelaw advisor at (219) 980-6841 or (219) 980-6636.

Graduate Certificate in Political Science

The IU Graduate Certificate in Political Science provides graduate coursework in political science to prepare you to be a dual-credit instructor at the high school and community college levels.

As a student in the GC Political Science, you study major political figures, philosophies, and movements throughout history in order to understand the political events of today. You will complete coursework in subfields of political science (and the central questions they address) so that you can teach students to critically evaluate political institutions, analysis, and schools of thought. You also gain a crucial understanding of American political institutions and behaviors in comparison to political climates around the world.

Specific areas of focus include:

- Empirical theory and the scope of political science
 - Political science research methods
 - Political theory and political thought
 - Political behavior, opinion, and identities
 - Government and political institutions
 - American politics in a comparative perspective
- Graduate Certificate in Political Science Requirements (18 cr)

Students complete one enrollment in each of the following six classes:

- 1) POLS-P 570 Introduction to the Study of Politics
- 2) POLS-Y 580 Research Methods in Political Science **OR** POLS-Y 524 Research Methods for Public Affairs **OR** 2) STAT-S 512 Statistical Learning and Data Analysis **OR** STAT-S 520 Introduction to Statistics
- 3) POLS-Y 675 Political Philosophy
- 4) POLS-Y 567 Public Opinion: Approaches and Issues **OR** POLS-Y 575 Data Analysis for Political Science
- 5) POLS-Y 661 American Politics
- 6) POLS-Y 657 Comparative Politics **OR** POLS-Y 757 Comparative Politics

M.A.T. in Political Science (ONLINE)

The IU Online Master of Arts for Teachers in Political Science combines coursework in education and political science to prepare you to be a dual-credit instructor at the high school and community college levels.

The educational component of the program teaches you how to apply the science and art of teaching to college-level instruction. Coursework covers instruction and curriculum, assessment, diversity and inclusive teaching, and research.

As a student in the political science component of the program, you study major political figures, philosophies, and movements throughout history in order to understand the political events of today. You complete coursework in subfields of political science (and the central questions they address) so that you can teach students to critically evaluate political institutions, analysis, and schools of thought. You also gain a crucial understanding of American political institutions and behaviors in comparison to political climates around the world.

Specific areas of focus include:

- Empirical theory and the scope of political science
- Political science research methods
- Political theory and political thought
- Political behavior, opinion, and identities
- Government and political institutions
- American politics in a comparative perspective

Program Learning outcomes

Graduate Political Science Component Upon completion of the Master of Arts for Teachers in Political Science, students will be able to:

1. Explain the role of political science within the social sciences, the various methods used to build the body of knowledge in political science, and the practical application of this knowledge to our political environment.
2. Understand, evaluate and conduct empirical social science research through literature review and the application of tools and strategies for collecting and shaping public opinion, including polling, focus groups, and advertising.
3. Interpret, analyze, and trace the influence of major theories and themes in American political thought.
4. Isolate and analyze factors that shape the political attitudes, beliefs and preferences on individuals and groups and map their impacts on political behavior and decision-making.
5. Students will be able to evaluate and analyze the institutions, processes, and behaviors associated with American politics.
6. Situate and analyze American political institutions, processes, and behaviors in a comparative perspective that accounts for regional and international differences.

Graduate Education Component Upon Completion of the Education Component of the Master of Arts for Teachers in Political Science, graduates will be able to:

1. Teach introductory college-level classes that prepare students for future academic success;
2. Engage in the development of rigorous curriculum planning and design;
3. Promote college-level studies skills and habits of mind;
4. Use assessment data to inform college-level instructional practices;
5. Prepare dual-credit students for success in college-level assessments;
6. Conduct research to improve dual-credit instruction.

MAT Requirements

To earn the MAT in Political Science, you must complete 30 credit hours.

Requirements are broken down as follows:

- Core Political Science courses (18 cr)
- Education Component (12 cr)

I. Political Science Component (18 cr)

Students complete one enrollment in each of the following six classes:

- 1) POLS-P 570 Introduction to the Study of Politics 1
- 2) POLS-Y 580 Research Methods in Political Science **OR** POLS-Y 524 Research Methods for Public Affairs **OR**
- 2) STAT-S 512 Statistical Learning and Data Analysis **OR** STAT-S 520 Introduction to Statistics
- 4) POLS-Y 675 Political Philosophy
- 5) POLS-Y 567 Public Opinion: Approaches and Issues **OR** POLS-Y 575 Data Analysis for Political Science
- 6) POLS-Y 661 American Politics
- 7) POLS-Y 657 Comparative Politics **OR** POLS-Y 757 Comparative Politics

II. MAT Political Science—Education Component (12 cr)

To fulfill the Education Component of the MAT in Biology, students complete one enrollment in each of the following four classes:

- 1) EDUC-H 520 Social Issues in Education
- 2) EDUC-J 500 Instruction in the Context of Curriculum
- 3) EDUC-P 507 Assessment in Schools
- 4) EDUC-Y 520 Strategies for Educational Inquiry

M.A. in Political Science (ONLINE)

The IU Online Master of Arts in Political Science offers instruction in the approaches and methods political scientists use to analyze and explain political institutions and behavior.

Read, interpret, and evaluate literature in the political science discipline. Study the role of political science within the social sciences, the various methods used to build a body of knowledge, and the application of this knowledge to the political environment around you. Trace the influence of major theories and themes in political thought, and conduct empirical social science research.

Tailor your degree to your professional interests by choosing one of two tracks:

- World politics
- American politics

Your IU Online MA in Political Science may prepare you for careers in such fields as:

- Non-governmental organizations (NGOs)
- Education
- Lobbying
- Policy analysis
- National security
- Public service, government, and politics

This 100 percent online program is taught by IU East, IU Bloomington, IU Kokomo, IU Northwest, IU South Bend, and IU Southeast. This consortial model allows you to take coursework from several campuses and learn from a wide range of faculty.

Of Special Interest for Teachers/Instructors Needing to Meet HLC Dual-Credit Standards

The stackable structure of the MA in Political Science is ideal for those who want to teach dual-credit courses and who need to meet Higher Learning Commission dual-credit qualification standards. These standards require teachers wanting to teach dual-credit courses in political science to hold either a master's degree in political science or a master's degree in another discipline (such as education), plus at least 18 credit hours of discipline-specific graduate coursework.

- If you need both discipline-specific coursework and a master's degree, the MA in Political Science meets HLC standards.
- If you already hold a master's degree in a discipline other than political science, you can meet HLC standards by completing the .

Program Learning Outcomes

1. Explain the role of political science within the social sciences, the various methods used to build the body of knowledge in political science, and the

practical application of this knowledge to our political environment.

2. Understand, evaluate and conduct empirical social science research through literature review and the application of tools and strategies for collecting and shaping public opinion, including polling, focus groups, and advertising.
3. Interpret, analyze, and trace the influence of major theories and themes in American political thought.
4. Isolate and analyze factors that shape the political attitudes, beliefs and preferences on individuals and groups and map their impacts on political behavior and decision-making.
5. Students will be able to evaluate and analyze the institutions, processes, and behaviors associated with American politics.
6. Situate and analyze American political institutions, processes, and behaviors in a comparative perspective that accounts for regional and international differences.

Degree Requirements

To earn the IU Online Collaborative MA in Political Science, students must complete six core courses including the capstone and one of two available tracks—either American Politics or World Politics—for a total of ten courses/30 credit hours.

Core Courses (six courses/18 credits)

1. POLS-P 570#Introduction to the Study of Politics#(3 credits)
2. POLS-Y#575#Political#Data Analysis#1 (3 credits)
3. One of the following methods courses: (3 credits)
 - POLS-Y 580#Research Methods in Political Science
 - POLS-Y 524 Research Methods for Public Affairs
 - STAT-S 512 Statistical Learning and Data Analysis
 - STAT-S 520 Introduction to Statistics
4. POLS-Y 529#National Political Institutions#(3 credits)
5. One of the following comparative politics courses (3 credits)
 - POLS-Y 657#Comparative Politics#**OR**
 - POLS-Y 757 Comparative Politics
6. Capstone (3 credits)
 - POLS-Y 600 Capstone in Political Science

Track Courses (four courses/12 credits)

Complete one of the following tracks:

American Politics

1. POLS-Y 675#Political Philosophy#(3 credits)
2. POLS-Y 567#Public Opinion: Approaches and Issues#(3 credits)
3. POLS-Y 661#American Politics (3 credits)
4. One additional course selected from the World Politics track **OR** a second enrollment in POLS-Y 661 with a different topic (3 credits).

World Politics

1. POLS-Y 669#International Relations (3 credits)
2. Comparative Politics (3 credits)

- POLS-Y 657#Comparative Politics#**OR** POLS-Y 757 Comparative Politics

3. POLS-Y 530#Globalization and International Political Economy (3 credits)
4. POLS-Y#508#Topics in World Politics (topics vary) (3 credits)

For more information see Political Science, MA: Online Degrees: Online Degree Programs: Indiana University (iu.edu).

Minor in Medical Humanities

The cross-disciplinary minor in Medical Humanities provides an introduction to the social, historical, cultural, and ethical contexts of medicine to understand its shifting role and changing definitions. This minor introduces students to the cultural history of the medical profession, the variant perspectives of patients, the role that systems and states have played in the development and practice of medicine, and the representations of medicine in art. It is ideal for medical professionals seeking to expand their understanding of the values of their field and improve their interactions with patients.

Core courses (6 credit hours)

MHHS M301 *Perspectives on Health, Disease and Healing*
MHHS M495 *Independent Project/ Seminar in MHHS* (Capstone)

Elective courses (9 credit hours)

HIST H303 History of Disability
 PHIL P393 Biomedical Ethics
 ENG L201 Special Studies in Literature
 SOC S431 Disability, Stigma, and Society
 FINA A346 Art and the Culture Wars
 BIOL L300 Social Implications of Biology
 SPEA H342 Community Health Education
 SPEA H416 Environmental Health Policy
 SPEA H455 Topics in Public Health

15 cr. hr.

Mathematics and Actuarial Science

Phone: (219)980-6590

Website: <http://www.northwest.iu.edu/math/>

About the Department

The Department of Mathematics serves students interested in one or more of the following:

- Applications of mathematics to the sciences, business, public and environmental affairs, actuarial science, etc.
- Mathematics teaching at any level
- Graduate study in mathematics
- Mathematical research

Learning Outcomes

Goal 1. Use mathematical models such as formulas, graphs, and tables to draw inferences.

Goal 2. Represent mathematical information symbolically, visually, numerically, and verbally.

Goal 3. Use arithmetic, algebraic, geometric, logical, and / or statistical methods to model and solve real world problems.

Students in college-level mathematics courses are generally assumed to have completed two years of high school algebra. All newly enrolled students should take the mathematics placement test to determine their skill level and mathematics class they could enroll in.

Placement testing and counseling are available through the Office of Admissions.

The order in which courses should be taken is shown in the tree diagram which is available at <http://www.northwest.iu.edu/math/classes/flow-chart.htm>.

- MATH-A 100 and MATH-M 117. For students who lack the background in algebra for freshman-level college mathematics.
- MATH-M 100. Terminal course for students in the humanities and the Allied Health sciences. Fulfills the Group I mathematics requirement in the College of Arts and Sciences.
- MATH-M 118, MATH-M 119. May be taken in either order. Primarily for majors in business and the social sciences.
- MATH-M 125-MATH-M 126, MATH-M 127. Preparation for calculus. Need not be taken by students with a strong background in algebra (including analytic geometry and logarithms) and trigonometry may be taken concurrently.
- MATH-M 215 Calculus. Intended for students majoring in mathematics and the sciences. Recommended as a strong elective in mathematics for others.

In addition to mathematics courses, all majors are strongly encouraged to study another discipline, in depth, which uses mathematics. Courses in physics, chemistry, computer science, and business are recommended. Students must also complete the general requirement of the College of Arts and Sciences.

Mathematics introductory courses include

- MATH-A 100
- MATH-M 117

Courses for nonmajors include

- MATH-M 015
- MATH-M 100
- MATH-M 110
- MATH-M 111
- MATH-M 118
- MATH-M 119
- MATH-M 125
- MATH-M 126
- MATH-M 127
- MATH-K 200
- MATH-K 300
- MATH-T 101
- MATH-T 102
- MATH-T 103

- MATH-T 490

Major in Mathematics - B.A. Requirements (30-32 cr.)

- **Required core courses (29 cr.)**
 - MATH-M 215 (5 cr.)
 - MATH-M 216 (5 cr.)
 - MATH-M 301 (3 cr.)
 - MATH-M 311 (4 cr.) should be taken as soon as possible after completion of MATH-M 216
 - MATH-M 360 (3 cr.)
 - MATH-M 393 (3 cr.)
 - MATH-M 403 (3 cr.)
 - Select one of the following
 - MATH-M 413 (3 cr.)
 - MATH-M 366 (3 cr.)
- **Senior Thesis in Mathematics (1-3 cr.):**
 - MATH-M 493 (1-3 cr.) (a capstone course)
- Students must also complete the general requirements for the College of Arts and Sciences for the Bachelor of Arts degree

Total (30-32 cr.)

Major in Mathematics - B.S. Requirements (42-44 cr.)

- **(1) Required core courses (23 cr.)**
 - MATH-M 215 (5 cr.)
 - MATH-M 216 (5 cr.)
 - MATH-M 301 (3 cr.)
 - MATH-M 311 (4 cr.)
 - MATH-M 360 (3 cr.)
 - MATH-M 391 (3 cr.)
- **(2) Applications (12 cr.)**
 - at least four additional 300 or 400 level mathematics courses not used for 1, 3, or 4.
- **(3) Senior Concentration (6 cr.)**
 - Select 2 courses from the following
 - MATH-M 366 (3 cr.)
 - MATH-M 403 (3 cr.)
 - MATH-M 405 (3 cr.)
 - MATH-M 413 (3 cr.)
- **(4) Senior Thesis in Mathematics: (1-3 cr.)**
 - MATH-M 493 (1-3 cr.) (a capstone course)

Requirements for the minor (15-20 cr.)

- **Arts and Sciences Option**
 - Mathematics majors are required to augment their academic program with a minor (minimum 15 credit hours) in another discipline. The student in consultation with a faculty advisor selects the minor area.
- **Secondary Education Option**
 - For students graduating with both, Secondary Education with major in mathematics and Bachelor of Science in mathematics, the minor requirement is waived.

Consult the Department of Mathematics and Actuarial Science Department or the appropriate department for details.

Major in Actuarial Science - B.S. Requirements (67-70 cr.)

- **Mathematics** core courses (23 cr.)
 - MATH-M 215 (5 cr.)
 - MATH-M 216 (5 cr.)
 - MATH-M 301 (3 cr.)
 - MATH-M 311 (4 cr.)
 - MATH-M 360 (3 cr.)
 - MATH-M 366 (3 cr.)
- **Actuarial Science** core courses (7-9 cr.) (One of these will be a capstone course)
 - MATH-M 320 (3 cr.)
 - MATH-M 325 (1-3 cr.)
 - MATH-M 485 (3 cr.)
- **Computer Science** core courses (7-8 cr.) (Select one of the following):
 - Option 1
 - CSCI-C 201 (4 cr.)
 - CSCI-C 307 (3 cr.)
 - Option 2
 - CSCI-A 201 (4 cr.)
 - CSCI-A 302 (4 cr.)
- **Economics and Business** core courses (21 cr.)
 - ECON-E 201 (3 cr.)
 - ECON-E 202 (3 cr.)
 - BUS-A 201 (3 cr.)
 - BUS-A 202 (3 cr.)
 - ECON-E 270 (3 cr.)
 - BUS-F 301 (3 cr.)
 - BUS-F 420 (3 cr.)
- **Technical Electives** (9 cr.) three courses not used for Computer Science core from:
 - **Mathematics**
 - MATH-M 312 (3 cr.)
 - MATH-M 325 (MATH-M 325 serves as a technical elective only when taken a second time in a different subject) (1-3 cr.)
 - MATH-M 343 (3 cr.)
 - MATH-M 371 (3 cr.)
 - MATH-M 447 (3 cr.)
 - MATH-M 448 (3 cr.)
 - MATH-M 451 (3 cr.)
 - MATH-M 469 (3 cr.)
 - **Computer science**
 - CSCI-C 203 (4 cr.)
 - CSCI-C 320 (3 cr.)
 - CSCI-C 343 (4 cr.)
 - CSCI-C 390 (1-3 cr.)
 - CSCI-C 340 (3 cr.)
 - The following serve as technical electives when not used as (3) Computer Science core courses.
 - CSCI-A 201 4 cr.)

- CSCI-A 302 (3 cr.)
- CSCI-C 201 (4 cr.)
- CSCI-C 307 (3 cr.)

• Business

- BUS-L 201 (3 cr.)
- BUS-N 300 (3 cr.)
- BUS-P 301 (3 cr.)
- BUS-M 301 (3 cr.)
- BUS-M 303 (3 cr.)
- BUS-A 311 (3 cr.)
- BUS-A 312 (3 cr.)
- BUS-A 322 (3 cr.)
- BUS-A 325 (3 cr.)
- BUS-A 328 (3 cr.)
- BUS-A 424 (3 cr.)

- Students must also complete the general requirements of the College of Arts and Sciences for the Bachelor of Science degree.

- Total (67-70 cr.)

For details concerning exact requirements, please consult the Department of Mathematics and Actuarial Science.

B.S. in Actuarial Science (ONLINE)

The IU Online BS in Actuarial Science offers instruction in mathematics, actuarial mathematics, probability and statistics, finance, statistical modeling, data analysis, and software application.

Study the key concepts of insurance, risk management, and interest theory. Solve conceptual and computational problems. Learn to price-risk to determine premiums, analyze data, determine suitable models and parameter values, and provide measures of confidence. Calculate present and accumulated values for various streams of cash flow.

The learning outcomes for this BS align with actuarial science core competencies as outlined by professional organizations such as the Society of Actuaries and the American Academy of Actuaries. This program prepares you for success in the first two professional exams in actuarial science and provides the foundation for subsequent exams.

Your IU Online BS in Actuarial Science prepares you for such careers as:

- Actuary
- Insurance analyst
- Market research analyst
- Management analyst
- Financial manager/analyst
- Actuarial consultant

Learning Outcomes

1. Knowledge in Basic Mathematics: Students will utilize tools from multivariate calculus to answer conceptual and computational problems related to probability and statistics.

2. Knowledge in Basic Actuarial Mathematics: Students will be able to explain basic terms and concepts in actuarial mathematics, such as basic knowledge of insurance, risk management, and interest theory
3. Application of Probability/Statistics in Actuarial Science: Students will be able to employ fundamental probability tools for quantitatively assessing risk and solving actuarial problems.
4. Knowledge in Mathematical Finance: Students will use the fundamental concepts of financial mathematics to demonstrate the ability to calculate present and accumulated values for various streams of cash flow as a basis for future use in reserving, valuation, pricing, asset/liability management, invest income, capital budgeting, and valuing contingent cash flows.
5. Mathematical Statistical Modeling: Students will use mathematical-finance modeling in solving business problems in a variety of fields, including insurance, finance, investment, and other businesses.
6. Data Analysis: Students will analyze data from applications in a business context, determine a suitable model including parameter values, and provide measures of confidence for decisions based upon the model.
7. Software Application: Students will demonstrate proficiency with programming in a standard statistical package, such as SAS or R.

IU Collaborative B.S. Actuarial degree requirements

To earn the B.S. in Actuarial Studies, students must complete the standard campus-and school-specific degree requirements, including the general education of their campus of enrollment, and the 77 hours required for the B.S. in Actuarial Studies.

The IU Online collaborative B.S. in Actuarial Studies requires 77 credits overall. Students must complete the indicated number of credits from each of the five degree components listed below:

- Mathematics (31 credit hours)
- Actuarial Science (9 credit hours)
- Programming/Computer Science (6 credit hours)
- Business and Economics (15 credit hours)
- Upper-level Actuarial Science which will double-count towards a M.S. in Actuarial Science (15 credit hours)

I. Mathematics Core Courses (31 credits)

1. MATH-M 215 Calculus I (5 credits)
2. MATH-M 216 Calculus II (5 credits)
3. MATH-M 301 Linear Algebra and Applications **OR** MATH-M 303 Linear Algebra (3 credits)
4. MATH-M 311 Calculus III (3 credits)
5. MATH-M 313 Elementary Differential Equations with Applications **OR** MATH-M 343 Differential Equations (3 credits)
6. MATH-M 447 Mathematical Modeling and Application I (3 credits)
7. MATH-M 448 Mathematical Modeling and Application II (3 credits)

8. Complete one of the following two course/6 credit hour probability and statistics sequences:

- MATH-M 360 Elements of Probability **and** MATH-M 366 Elements of Statistical Inference*

OR

- MATH-M 463 Probability (3 credits) **and** MATH-M 466 Statistics (3 credits)**

* Students taking the M360/M366 sequence for probability and statistics should complete MATH-M 367 Introduction to Statistical Programming in R in the Programming/Computer Science Core (see below).

**Students taking the M463/M466 sequence for probability and statistics should take STAT-I 421 Modern Statistical Modeling Using R and SAS in the Programming/Computer Science Core (see below).

II. Actuarial Science Core Courses (9 credits)

1. MATH-M 320 Theory of Interest (3 credits)
2. MATH-M 445 Probability Theory for Risk Management (3 credits)
3. MATH-M 446 Financial Mathematics (3 credits)

III. Programming/Computer Science Core Courses (7 credits)

1. CSCI-A 201 Programming I, Python (4 credits)
2. MATH-M 367 Introduction to Statistical Programming in R **OR** STAT-I 421 Modern Statistical Modeling Using R and SAS (3 credits)

IV. Business and Economics Core Courses (15 credits)

1. ECON-E 103 or ECON-E 201 Introduction to Microeconomics (3 credits)
2. ECON-E 104 or ECON-E 202 Introduction to Macroeconomics (3 credits)
3. BUS-A 201 Introduction to Financial Accounting (3 credits)
4. BUS-A 202 Introduction to Managerial Accounting (3 credits)
5. BUS-F 301 Financial Management (3 credits)

V. Actuarial Science Electives (15 credits)

Complete five of the following courses:

- MATH-M 451 Financial Math (3 credits)
- MATH-M 485 Life Contingencies I (3 credits)
- STAT-S 352 Data Modeling and Inference (3 credits)
- STAT-S 431 Applied Linear Models I (3 credits)
- STAT-S 432 Applied Linear Models II (3 credits)
- STAT-S 450 Time Series Analysis (3 credits)
- Additional electives may be added by the faculty at a later time.

Substitute Courses for Actuarial Science Electives

- STAT-S 437 Categorical Data Analysis (3 credits)
- STAT-S 460 Sampling (3 credits)
- STAT-S 412 Statistical Learning using R (3 credits)
- STAT-S 470 Exploratory Data Analysis (3 credits)

- STAT-I 414 Introduction to Design of Experiments (3 credits)

Major in Applied Statistics - B.S. (ONLINE)

Learning Outcomes

1. Define terms and concepts in mathematics and fundamental statistics.
2. Solve problems in basic probability theory and basic statistical theory using appropriate tools, including calculus-based methods and linear algebra.
3. Appropriately design data collection processes and ethically manage data.
4. Identify appropriate statistical and mathematical procedures and use appropriate software tools for implementation.
5. Draw inferences from data, big or small, using appropriate statistical methodology, including exploratory and graphical methods.
6. Effectively communicate statistical reasoning and findings.

To earn the 120 credit hour B.S. in Applied Statistics, students must complete general education and other campus-specific requirements as well as the following Applied Statistics degree components:

Math Core (22 credits)

- MATH-M 215 Calculus I (5 credits)
- MATH-M 216 Calculus II (5 credits)
- MATH-M 301 Linear Algebra and Applications OR MATH-M 303 Linear Algebra (3 credits)
- MATH-M 311 Calculus III (3 credits)
- MATH-M 447 Mathematical Modeling and Application I (3 credits)
- MATH-M 448 Mathematical Modeling and Application II (3 credits)

Probability and Statistics Core (24 credits)

1. Complete one of the following three course/9 credit hour probability and statistics sequences

- MATH-M 360 Elements of Probability
- MATH-M 366 Elements of Statistical Inference
- MATH-M 367 Introduction to Statistical Programming in R

OR

- MATH-M 463 Probability (3 credits) and
- MATH-M 466 Statistics (3 credits)
- STAT-I 421 Modern Statistical Modeling Using R and SAS (3 credits)

Other combinations are possible. Consult an advisor.

2. Complete all of the following courses (15 credits)

- STAT-S 431 Applied Linear Modeling
- STAT-S 437 Categorical Data Analysis
- STAT-S 412 Statistical Learning Using R
- STAT-S 470 Exploratory Data Analysis
- STAT-S 352 Data Modeling and Inference

3. Complete four upper-level electives (12 credits)

- STAT-S 432 Applied Linear Models II
- STAT-S 450 Time Series Analysis

- STAT-S 460 Sampling
- STAT-I 414 Introduction to Design of Experiments
- Additional electives may be added by the faculty at a later time.

Programming (4 credits)

- CSCI-A 201 Introduction to Programming, Python (4 credits)

Major in Mathematics - B.S. and Master of Science in Education with Major in Secondary Education

The Department of Mathematics and Actuarial Science and the School of Education offer a five-year program which results in a student graduating with a Bachelor of Science degree in Mathematics from the College of Arts and Sciences and a Master of Science degree in Secondary Education from the School of Education. Contact our department for further information and detailed schedule.

Minor in Mathematics

An arts and sciences minor in mathematics consists of the courses

- MATH-M 215 (5 cr.)
- MATH-M 216 (5 cr.)
- two (2) mathematics courses above 200 level, and
- Select one of the following
 - CSCI-C 201, CSCI-A 201, PSY-K300 or
 - any mathematics or Calculus-based Science course at the 200 level or above

Program for Secondary School Provisional Certificate in Mathematics

(See School of Education requirements.)

Required

- MATH-M 118 (3 cr.)
- MATH-M 126 (2 cr.)
- MATH-M 215 (5 cr.)
- MATH-M 216 (5 cr.)
- MATH-M 301 (3 cr.)
- MATH-M 311 (4 cr.)
- MATH-M 391 (3 cr.)
- MATH-M 360 (3 cr.)
- MATH-M 366 (3 cr.)
- MATH-T 336 (3 cr.)
- MATH-M 447 (3 cr.)
- Two approved mathematics electives (6 cr.) The following courses are recommended:
 - MATH-M 320 (3 cr.)
 - MATH-M 343 (3 cr.)
 - MATH-M 403 (3 cr.)
 - MATH-M 405 (3 cr.)
 - MATH-M 413 (3 cr.)

Total (43 cr.)

In order to finish this program in four years, the courses must be taken in the sequence and at the times recommended by the Department of Mathematics and Actuarial Science department. Most 300 and 400 level mathematics courses are offered every other year.

Graduate Certificate in Mathematics

The 18 credit Graduate Certificates in Mathematics requirements are broken down as follows:

- Core course (9 cr)
- Electives (9 cr)

Students in the GC in Mathematics will cover the following content areas -

- Algebra—Topics include Group Theory, Ring Theory, Field Theory, Commutative and Noncommutative Algebra, Number Theory, and other topics.
- Analysis—Topics include Real Analysis, Complex Analysis, Fourier Analysis, and others.
- Topology and Geometry--Topics include Euclidean and non-Euclidean Geometry, Point set topology, Differential Topology, Differential Geometry, and others.
- Differential Equations and Applications—Topics include Numerical Methods, Mathematics of Finance, Graph Theory, Mathematical Physics, and others.
- Probability and Statistics—Key concepts.

Certificate Requirements (six courses/18 cr)

The curriculum for the Graduate Certificate in Mathematics uses five topics course numbers with titles aligned to the standard categories covered by the program:

1. MATH T601 Topics in Algebra
 2. MATH T610 Topics in Analysis
 3. MATH T620 Topics in Topology/Geometry
 4. MATH T640 Topics in Differential Equations and Applications
 5. MATH T650 Topics in Probability/Statistics
- Topics for each one of the classes will vary from one semester to the next.

• Students will need to use at least one repeat enrollment in one of these classes (with a distinct topic) to complete the six classes required for the certificate.

• To ensure breadth of knowledge, students must include at least three different course numbers/topics among the six classes they complete to earn the certificate.

• Depending upon areas of interest and the availability of distinct topics, some students may complete any one of these classes two to three times as a part of the six classes required for the graduate certificate

M.A.T. in Mathematics

The IU Online Master of Arts for Teachers in Mathematics combines coursework in education and mathematics to prepare you to be a dual-credit instructor at the high school and community college levels.

Program Learning Outcomes

Upon completion of the Master of Arts for Teachers in Mathematics, student

will develop graduate-level knowledge in three of the following five areas of mathematics:

1. Core applications of Algebra including Group Theory, Ring Theory, Field Theory, Commutative and Noncommutative Algebra, Number Theory, and other topics in Algebra.

2. Analysis applications. Topics covered in this area include Real Analysis, Complex Analysis, Fourier Analysis, and other topics in Analysis.

3. Essential concepts of Topology/Geometry including topics in Euclidean and non-Euclidean Geometry, Point set topology, Differential Topology, Differential Geometry and other topics in Topology/Geometry.

4. Differential Equations and Applications including Numerical Methods, Mathematics of Finance, Graph Theory, Mathematical Physics, and other topics.

5. Key concepts of Probability/Statistics.

Upon completion of the Education component of the M.A.T. in Mathematics, graduates will be able to—

1. Engage in the development of rigorous curriculum planning and design;
2. Promote college-level studies skills and habits of mind;
3. Use assessment data to inform college-level instructional practices;
4. Prepare dual-credit students for success in college-level assessments;
5. Conduct research to improve dual-credit instruction.

MAT Requirements

The 30 credit MAT in Mathematics requirements are broken down as follows:

- Core course (9 cr)
- Electives (9 cr)
- Education component (12 cr)

The Mathematics component of the MAT in Mathematics is identical to the curriculum of the stand-alone IU collaborative Graduate Certificate in Mathematics.

Students in the MAT in Mathematics will cover the following content areas -

- Algebra—Topics include Group Theory, Ring Theory, Field Theory, Commutative and Noncommutative Algebra, Number Theory, and other topics.
- Analysis—Topics include Real Analysis, Complex Analysis, Fourier Analysis, and others.
- Topology and Geometry--Topics include Euclidean and non-Euclidean Geometry, Point set topology, Differential Topology, Differential Geometry, and others.
- Differential Equations and Applications—Topics include Numerical Methods, Mathematics of Finance, Graph Theory, Mathematical Physics, and others.
- Probability and Statistics—Key concepts.

Degree Requirements

I. Mathematics Component (18 cr)

The curriculum for the Graduate Certificate in Mathematics uses five topics course numbers and titles aligned to the standard categories covered by the program:

1. MATH T601 Topics in Algebra
2. MATH T610 Topics in Analysis
3. MATH T620 Topics in Topology/Geometry
4. MATH T640 Topics in Applications

5. MATH T650 Topics in Probability/Statistics

Topics for each one of the classes will vary from one semester to the next, and students will need to use at least one repeat enrollment to complete the six classes required for the certificate, and depending upon the students' interests and the availability of distinct topics, some students may complete any one of these classes two to three times as a part of the six classes required for the graduate certificate.

II. MAT Mathematics—Education Component (12 cr)

To fulfill the Education Component of the MAT in Biology, students complete:

- 1) EDUC-H 520 Education and Social Issues
- 2) EDUC-J 500 Instruction in the Context of Curriculum
- 3) EDUC-P 507 Assessment in Schools
- 4) EDUC-Y 520 Strategies for Educational Inquiry

Minority Studies

Phone: (219) 980-6629

Website: <http://www.northwest.iu.edu/minority-studies/>

About the Department

The Department of Minority Studies offers programs leading to the Bachelor of Arts degree in African American and African Diaspora studies. The curriculum is designed to acquaint the student with the unique worldviews and experiences of Blacks and Latinos and the problems of minority groups in general. It prepares the student for the fields of community development, social services, minority group relations, and graduate study.

The university possesses a large and continuously growing library collection covering African, West Indian, and American experiences.

Learning Outcomes

Graduates will:

- Demonstrate understanding of cultural diversity in a variety of contexts.
- Demonstrate understanding of the relationships between social structures, social justice, and human rights.
- Demonstrate understanding of racial minority experiences and diverse worldviews and the manner in which they shape U.S. culture and the world.

African American and African Diaspora Studies

The curriculum leading to a Bachelor of Arts degree in African American and African Diaspora Studies is oriented toward professional preparation and graduate study. The two program sequences, Human Services and Community Development, place a heavy emphasis on education that is directly related to employment opportunities and graduate-level study. The department also offers a Bachelor of Arts degree in African American and African Diaspora Studies with a concentration in Latino Studies.

Learning Outcomes

- Goal 1. Development of critical thinking skills
- Goal 2. Development of analytical thinking skills
- Goal 3. Development of oral communication skills
- Goal 4. Development of written communication skills

Goal 5. Development of academic research skills

Goal 6. Practical engagement with minority worldviews and experiences

Major in African American and African Diaspora Studies

Requirements - a minimum of 30 cr.

- Required
 - AAAD-A 103 (3 cr.)
 - AAAD-A 301 (3 cr.)
 - AAAD-A 343 (3 cr.)
 - Select one of the following (3 cr.)
 - AAAD-A 150 Survey of the Culture of Black Americans (3 cr.)
 - AAAD-A 151 Minority People in the United States (3 cr.)
- Select from the following Afro-American History and Culture courses(6 cr.)
 - AAAD-A 355 Afro-American History I (3 cr.)
 - Select one from the following
 - AAAD-A 379 Early Black American Writing (3 cr.)
 - AAAD-A 356 Afro-American History II (3 cr.)
 - AAAD-A 370 Recent Black American Writing (3 cr.)
 - AAAD-A 380 Contemporary Black American Writing (3 cr.)
- Other courses in African American and African Diaspora studies or approved courses in sociology, psychology, or history may be taken to complete the major.
- Twenty-five (25) credit hours of 200-400 level courses are required.
- Students must also complete the general requirements of the College of Arts and Sciences.

Interdepartmental Major in African American and African Diaspora Studies and Communication

The Departments of Communication and Minority Studies offer an interdepartmental major in African American and African Diaspora studies and communication that reflects an interdisciplinary and substantive field of study. An interdepartmental major in communication and African American and African Diaspora studies focuses the specialization of the study of the human communication process within the African American and African Diaspora experience. This focus enhances the application of principles, methods, and findings of communication studies in light of the history, culture, and theories of the African American and African Diaspora experience, including an Africana perspective. Students will integrate their communication studies emphasis (public and rhetorical communication, relational communication, media studies, or communication and culture) into the African American and African Diaspora studies major to create a systematic and coherent field of study.

Requirements

The chairpersons of the Departments of Minority Studies and Communication must jointly advise the interdepartmental major. Students must complete a total of 45 credit hours in the interdepartmental major.

Students must complete

- African American and African Diaspora studies (18 cr.)
 - Select one of the following
 - AAAD-A 150 (3 cr.)
 - AAAD-A 151 (3 cr.)
 - Select one of the following
 - AAAD-A 355 (3 cr.)
 - AAAD-A 379 (3 cr.)
 - Select one of the following
 - AAAD-A 356 (3 cr.)
 - AAAD-A 370 (3 cr.)
 - AAAD-A 380 (3 cr.)
- African American and African Diaspora studies electives (9 cr.)
 - 300 or 400 level
- Communication (speech, communication, journalism, telecommunications) (27 cr.)
 - SPCH-S 121 (3 cr.)
 - SPCH-S 122 (3 cr.)
 - 300 or 400 level (12 cr.)
 - SPCH-S 400 (3 cr.) and / or AAAD-A 493 (3 cr.)
 - Courses cross-listed in both departments may be taken in either department, but students may not receive credit in both departments for the same course.
 - Students may not receive credit toward the major for both SPCH-S 424 and AAAD-A 398

Total (45 cr.)

Interdepartmental Major in African American and African Diaspora Studies and English

The Departments of Minority Studies and English offer a thematically integrated major in African American and African Diaspora Studies and English. This interdepartmental major is designed for students who wish to combine substantial African American and African Diaspora Studies with their work in the American and English literature major. African American and African Diaspora Studies is importantly multidisciplinary, requiring students to be familiar with the connected history and theories of the African American and African Diaspora experience across disciplines, including an Africana perspective. The interdepartmental major in African American and African Diaspora Studies and English provides students with this background as well as with an understanding of African American and African Diaspora literature, seen in the context of American and English literature. With this course of study, students will be able to integrate and synthesize knowledge and understanding of the total African American and African

Diaspora experience as it coexists with English language and literature studies.

Requirements

The chairpersons of the Departments of Minority Studies and English must jointly advise the interdepartmental major. A combined minimum of 33 credit hours is required.

- African American and African Diaspora Studies - 300 level or above (18 cr.)
 - AAAD-A 355 (3 cr.)
 - AAAD-A 356 (3 cr.)
 - AAAD-A 493 (multidisciplinary capstone course) (3 cr.)
 - Select from the following (9 cr.)
 - AAAD-A 370 (3 cr.)
 - ENG-L 370 (3 cr.)
 - AAAD-A 379 (3 cr.)
 - AAAD-A 380 (3 cr.)
 - AAAD-A 392 (3 cr.)
- English (15 cr.)
 - ENG-L 202 (3 cr.)
 - ENG-L 315 (3 cr.)
 - Select one of the following
 - ENG-L 351 (3 cr.)
 - ENG-L 352 (3 cr.)
 - ENG-L 355 (3 cr.)
 - Select one of the following
 - ENG-L 354 (3 cr.)
 - ENG-L 357 (3 cr.)
 - ENG-L 358 (3 cr.)
 - ENG-L 440 (3 cr.)

Total (33 cr.)

A 2.0 cumulative grade point average is required in the courses taken in the interdepartmental major. Only courses with a grade of C- or higher will be counted in the major.

Minor in African American and African Diaspora Studies

Requirements

- Select one of the following
 - AAAD-A 150 (3 cr.)
 - AAAD-A 151 (3 cr.)
- 4 additional courses in Afro-American studies to be selected in consultation with the departmental advisor. (12 cr.)

Total (15 cr.)

Latinx Studies

Latinx studies is an interdisciplinary program designed to acquaint the student with the worldview and experience of Chicanos and Puerto Ricans in the United States. The curriculum emphasizes the history, culture, and socioeconomic conditions of Latinx people while also examining the nature of minority groups in American society. The program also offers courses for the bilingual education endorsement in the School of Education, the

education minor in ethnic and cultural studies, and the education major with bilingual emphasis.

Minor in Latinx Studies Requirements

- CHRI-C 101 (3 cr.)
- CHRI-C 151 (3 cr.)
- 12 credit hours from the course listings (course numbers in parentheses indicate cross-listing in the Department of History) (12 cr.)

Total (18 cr.)

Minor in Race-Ethnic Studies

Race-Ethnic Studies allows students interested in African American and African Diaspora and Latino Studies to develop a focus of study in both programs. This field leads to a broad understanding of the minority experience in the United States and those of diaspora peoples; how the phenomena of race, gender, and class have influenced communities and individuals; how minority groups define themselves and what strategies they have utilized for survival; who the people called African Americans, Latinos, Native Americans, and Asian Americans are.

Credit Hours Required—A minimum of 15 credit hours required.

Requirements

- AAAD-A 151 / CHRI-C 151 Minority People in the United States (3 cr.)
- 4 courses from the listings for the Department of Minority Studies meeting the following distribution pattern (12 cr.)
 - 2 courses from course listings in African American and African Diaspora studies (6 cr.)
 - At least one course at 200, 300, or 400 level (3 cr.)
 - 2 courses from course listings in Latino Studies (6 cr.)
 - At least 1 course at 200, 300, or 400 level (3 cr.)

Total (15 cr.)

Postbaccalaureate Certificates Community Development/Urban Studies

This certificate is for students who have completed an undergraduate degree and would like formal recognition of a proficiency in the field of Community Development and Urban Studies. The focus of study will be on community development, community economic development, and urban studies within a matrix of the minority experience. This certificate has wide appeal from educators to practitioners in fields such as community development, planning, and public policy. This certification meets a specific need for persons intending to hold or holding positions in the field beyond the entry level, such as Community Development Planner II; or entry-level positions that require postbaccalaureate certification and/or experience.

Requirements

- Department of Minority Studies or approved courses from other departments (18 cr.)
 - Select from one of the following
 - AAAD-A 150
 - AAAD-A 151
 - CHRI-C 151 Minority People (3 cr.)
- Department of Minority Studies courses which be distributed among community development, urban studies and economic policy (12 cr.)
 - AAAD-A 103
 - AAAD-A 230
 - AAAD-A 240
 - AAAD-A 301
 - AAAD-A 302
 - AAAD-A 304
 - AAAD-A 341
 - AAAD-A 343
 - AAAD-A 398

Three (3) credit hours in capstone, research or project course.

Race-Ethnic Studies

This certificate is for students who have completed an undergraduate degree and would like formal recognition of a proficiency in the field of Race-Ethnic Studies (see Minor in Race-Ethnic Studies). This certificate has wide appeal from educators to those in business.

Requirements

- Select one of the following
 - AAAD-A 150
 - AAAD-A 151
- CHRI-C 151 Minority People (3 cr.)
- Department of Minority Studies, must be distributed between Latino Studies and African American and African Diaspora Studies (12 cr.)
- Capstone or research course, must be interdisciplinary (3 cr.)

Modern Languages, Comparative Literature, and Linguistics

Phone: (219) 980-6714

Website: <http://www.northwest.iu.edu/modern-languages/>

French

The program in French embraces courses at all levels, elementary through advanced, and includes the culture and literature of France, Quebec, and other Francophone regions of Africa the Caribbean.

Major in French Learning Outcomes

We are trying to prepare our students better in terms of speaking and general communication since feedback from them has indicated that this is a desired outcome. Thus, in all courses, we have shifted our focus to much more speaking, with each outcome shown below:

- Function at the Advance-high level in speaking in French
- Function at the Advance-high level in listening in French
- Function at the Advance-high level in reading in French
- Function at the Advance-high level in writing in French

Requirements

- FREN-F 200 and FREN-F 250 or equivalents (6 cr.)
- Chosen among FREN-F 300, FREN-F 305, FREN-F 306, FREN-F 328, FREN-F 375, FREN-F 380, and FREN-F 391 (12 cr.)
- 400 level courses (9 cr.)
- Select one of the following
 - SPAN-S 100 (or a more advanced course taught in Spanish)
 - GER-G 100 (or a more advanced course taught in German)
 - ITAL-M 100 (or a more advanced course taught in Italian)
 - Select from the following list of culture options (3 cr.)
 - SPAN-S 231
 - SPAN-S 240
 - SPAN-S 260
 - SPAN-S 284
 - SPAN-S 290
 - CDNS-C 101
 - CDNS-C 301
 - CDNS-C 350
 - CDNS-C 400
 - CDNS-C 495
 - CMLT-C 261
 - CMLT-C 340
 - LING-L 103

Total (30 cr.)

Minor in French

Minor in French Requirements (15cr.):

- FREN-F 200 and FREN-F 250 or equivalent earned through special credit
- 3 courses at the third-year or fourth-year level, taught in French
- Fourth-year level courses may only be taken with permission of instructor

Special Credit

Special credit may be awarded for the two highest courses a student tests out of (100, 150, 200, or 250), up to a maximum of 8 credits.

Foreign Study

Outstanding students who want to participate in a one-year academic program are encouraged to apply for the program offered in Aix-en-Provence, France. In addition, IU offers semester and summer programs in various locations throughout France and Canada. These programs can be used to fulfill requirements for the baccalaureate degree. For a description of all French

program options visit: <http://overseas.iu.edu/programs/iuprograms/languages/french.shtml>.

Courses in English

The following courses are taught in English.

- FREN-F 309
- FREN-F 310
- FREN-F 311
- FREN-F 312
- FREN-F 341

No credit in French.

Major in French (B.S. Online)

The IU Online BS in French offers instruction in French language, culture, and history through a rigorous curriculum. Develop language proficiency, cultural facility, and professional competence in French environments. This program encourages you to employ critical thinking skills, analytical skills, and historical contexts in your work—and to think sensitively about French and Francophone cultures and ethnicities.

Learning Outcomes

1. Demonstrate understanding of diverse fields of French and its applications.
2. Exhibit communicative competence in language skills (Speaking, Listening, Writing, Reading).
3. Use knowledge of the French language and cultures to develop critical thinking skills.
4. Complete one of three program-sponsored area minors (French for Medical Communication, French for Business, French for Cultural Tourism) to apply their command of the French language and knowledge of Francophone Culture in a variety of real world settings.

Degree Requirements

To Earn the IU Collaborative B.S. in French, students must complete all seven components of the major.

1) Intermediate French I (3 cr)

Students complete one of two course options:

FREN F200/F203

2) Intermediate French II (3 cr)

Students complete one of two course options:

FREN F250/F204

3) Advanced French Grammar (3 cr)

Students complete one of two course options:

FREN-F 328 Advanced French Grammar and Composition

FREN-F 313 Advanced French Grammar and Composition I

4) Spoken French (3 cr)

Students complete one of two course options:

FREN-F 315 Conversation and Diction I

FREN-F 316 Conversation and Diction II

5) Upper-Level Coursework French—Applied and Cultural (15 cr)

Students complete five classes chosen from the following list:

FREN-F 300 Lectures et Analyses Littéraires

FREN-F 306 Chefs-d'œuvre de la Littérature Française

FREN-F 330 Intro to Translating French and English

FREN-F 350 Topics in Francophone Culture

FREN-F 363 Introduction à la France Moderne

FREN-F 391 Studies in French Film

FREN-F 415 La Culture Francophone

FREN-F 450 Colloquium in French Studies

FREN-F 463 Civilisation Française I

FREN-F 475 Advanced Oral Practice I

FREN-F 480 French Conversation

FREN-Y 396 Study Abroad

6) Capstone and Career/Professional Preparation (3 cr)

FREN-F 496 French Capstone

7) Applied French Tracks (12 Unique cr)

Students complete one of the following three Applied French tracks:

1. Medical Communication in French (five classes/15 cr)
2. French for Business (five classes/15 cr)
3. Francophone Culture for Travel (five classes/15 cr)

Each track consists of five classes. The first course is one of the upper-level courses taught in French, which also counts as one of the five classes required to satisfy requirement #5. The remaining four courses on topical courses taught in English that related to the focus of the track.

Option 1: Medical Communication in French

1. Complete one of the following courses in French Translation (3 credits)
 - FREN-F 330 Introduction to Translating French and English
 - FREN-F 350 Topics in Francophone Culture

** When offered, F350 will be taught as three consecutive one-credit classes. BS French students must complete all three courses for the Medical Communication in French Track.

1. Medical Terminology (1-2 credits)
 - AHLT-R 185/HIM-M 195 Medical Terminology
1. Systems of Healthcare Delivery (3 credits)

- AHLT-B 311/BUS-H 320 Systems of Healthcare Delivery

1. Cross Cultural Communication (3 credits)

- CMCL-C 427/ SPCH-S 427 Cross Cultural Communication

1. Health Disparities (3 credits)

- SPEA-H 452 Health Disparities

Option 2: French for Business

1. French Translation (3 credits)

- FREN-F 330 Introduction to Translating French and English **OR**

- FREN-F 350 Topics in Francophone Culture

** When offered, F350 will be taught as three consecutive one-credit classes. BS French students must complete all three courses for the French for Business Track.

1. International Business (3 credits)

- BUS-D 300 International Business: Operations of International Enterprises
- BUS-D 301 International Business Environment

1. Public Relations (3 credits)

- SPCH-S 333 Public Relations

1. Presentations (3 credits)

- SPCH-S 335 Media and Health

1. Cross Cultural Communication (3 credits)

- CMCL-C 427/ SPCH-S 427 Cross Cultural Communication

Option 3: Francophone Culture for Travel

1. Complete one of the following courses in French/ Francophone Culture (3 credits)

- FREN-F 300 Lectures et Analyses Littéraires
- FREN-F 391 Studies in French film

1. Cross Cultural Communication (3 credits)

- CMCL-C 427/ SPCH-S 427 Cross Cultural Communication

1. Tourism, Planning and Development (3 credits)

- TESM-T 107 Tourism Planning and Development

1. Tourism, Policy, and Sustainability (3 credits)

- TESM-T 207 Tourism, Policy, and Sustainability

1. Cultural Heritage Tourism (3 credits)

- TESM-T 234 Cultural Heritage Tourism

BS French students may petition to replace one of the Applied French track courses. Interested students should consult their academic advisor.

Master of Arts for Teachers in French Program Learning Outcomes

Upon completion of the Master of Arts for Teachers in French, students will be able to:

1. Demonstrate proficiency in French through the ability to complete graduate coursework in French.
2. Achieve a comprehensive understanding of French as a living language and Francophone cultures.
3. An understanding of the core concepts and applications of Second Language Acquisition
4. Introduce and practice various foreign language teaching methodologies
5. Develop individual teaching styles informed by current theory and scholarship

MAT French Degree Requirements

To earn the thirty credit MAT in French students must complete the following coursework:

I. Core coursework (9 cr)

1. FRIT-F580 Applied French –Linguistics (3 cr)
2. FRIT-F673 Topics in Learning and Teaching of French (3 cr)
3. FRIT-F606/FREN-F606 Capstone Project in French Teaching (3 cr) (completed near conclusion of the program)

II. Two courses in French/Francophone Studies (500 level or above) (6 cr)

- FRIT-F 556 Le Roman aux XXe et XXe siècles (3 cr)
- FRIT-F 632 Seventeenth-Century French Drama and Performance (3 cr)
- FRIT-F 635 Studies in Eighteenth-Century French Literature (3 cr)
- FRIT-F 640 Studies in Nineteenth-Century French Literature (3 cr)
- FRIT-F 651 Studies in French Cinema (3 cr)
- FRIT-F 667 Seminar in Francophone Studies (3 cr)
- FREN-F 525 Readings in French and Francophone Cultures (3 cr)
- RIT-F 561 Studies in French Civilization

III. One French Linguistics course (in addition to F580) (500 level or above) (3 cr)

- FRIT-F 578 Contrastive Study of French and English (3 cr)
- FRIT-F 603 History of the French Language 1 (3 cr)
- FREN-F 531 Readings in French Language and Linguistics (3 cr)

IV. One course in Foreign Language Methodology, Applied Linguistics and Language Acquisition (3 cr)

- FREN-542 Readings in French Pedagogy and Language Acquisition

V. Three additional courses taken from any one of the above 3 categories (9 cr)

Spanish

The program offers courses at all levels, elementary through advanced, on the Spanish language and the cultures and literatures of Spain and Latin America.

Major in Spanish Learning Outcomes

- Function at the Advance-high level in speaking in Spanish
- Function at the Advance-high level in listening in Spanish
- Function at the Advance-high level in reading in Spanish
- Function at the Advance-high level in writing in Spanish

Requirements

- SPAN-S 200 and SPAN-S 250 (6 cr.)
- Chosen among SPAN-S 311, SPAN-S 312, SPAN-S 317, SPAN-S 323, SPAN-S 360, and SPAN-S 363 (12 cr.)
- 400 level courses (9 cr.)
- Select one of the following
 - FREN-F 100 (or a more advanced course taught in French)
 - GER-G 100 (or a more advanced course taught in German)
 - ITAL-M 100 (or a more advanced course taught in Italian)
 - Select from the following list of culture options (3 cr.)
 - FREN-F 309
 - FREN-F 310
 - FREN-F 311
 - FREN-F 312
 - FREN-F 341
 - CMLT-C 261
 - CMLT-C 340
 - CDNS-C 101
 - CDNS-C 301
 - CDNS-C 350
 - CDNS-C 400
 - CMLT-C 460
 - CDNS-C 495
 - LING-L 103
- The Department of Modern Languages will accept one CHRI course that is cross-listed with Spanish and taken by students toward an A.A. in Latino Studies and apply it to the B.A. in Spanish toward completion of the required 30 credits of Spanish courses at the 200 level and above.

Total (30 cr.)

Minor in Spanish Minor in Spanish Requirements (15cr.):

SPAN-S 200 and SPAN-S 250 or equivalent earned through special credit and three courses at the third-year

or fourth-year level, taught in Spanish. Fourth-year level courses may only be taken with permission of instructor.

Special Credit

Special credit may be awarded for the two highest courses a student tests out of (100, 150, 200, or 250), up to a maximum of 8 credits.

Native Speakers

Students who are native speakers of Spanish must get permission from the department to enroll in any third-year or fourth-year level Spanish courses. Questions about the major or minor should be directed to the department chair.

Foreign Study

Qualified students who want to participate in a one-year academic program are encouraged to apply for the program offered in Madrid, Spain. In addition, IU offers programs in various locations throughout Spain and Latin America. Summer study programs are available in Bilbao and Salamanca, Spain. These programs can be used to fulfill requirements for the baccalaureate degree.

For a description of all Spanish program options: <http://overseas.iu.edu/programs/iuprograms/languages/spanish.shtml>.

Courses in English

The following Spanish courses are taught in English

- SPAN-S 231
- SPAN-S 240
- SPAN-S 260
- SPAN-S 284
- SPAN-S 290

No credit in Spanish.

Major in Spanish (B.S. Online) Learning Outcomes

- 1) Exhibit communicative competence in language skills (Speaking, Listening, Writing, and Reading).
- 2) Demonstrate understanding of diverse fields of Spanish and its applications.
- 3) Use knowledge of the Spanish language and Hispanic cultures to develop critical thinking skills.
- 4) Apply Spanish language and knowledge of Hispanic Cultures in a variety of real-world settings using skills developed in Spanish major courses and one of four program-sponsored minors.

Degree Requirements:

To Earn the IU Collaborative B.S. in Spanish, students must complete all eight components of the major as listed below:

- 1) Intermediate Spanish I (3 cr)

Students complete one of two course options:

SPAN-S200/S203 Second-Year Spanish I

- 2) Intermediate Spanish II (3 cr)

Students complete one of two course options:

SPAN-S250/S204 Second-Year Spanish II

- 3) Spanish Conversation (3 cr)

Students complete one of two course options:

SPAN-S 275 Hispanic Culture and Conversation or SPAN-S 317 Spanish Conversation and Diction

- 4) Spanish Grammar and Composition (3 cr)

Students complete one of four course options:

HISP-S 308 Composition and Conversation in Spanish or
SPAN-S 311 Spanish Grammar or
SPAN-S 313 Writing Spanish I or
SPAN-S 312 Written Composition in Spanish

- 5) Literary Analysis in Spanish

Students complete one of three course options:

SPAN-S 301 Hispanic World I
SPAN-S 302 Hispanic World II
SPAN-S 360 Introduction to Hispanic Lit

- 6) Upper-Level Coursework Spanish—Applied and Cultural (15 cr)

Students complete five classes chosen from the following list:

SPAN-S 315 Spanish in the Business World
SPAN-S 318 Writing Spanish for Heritage Speakers
SPAN-S 319 Spanish for Healthcare Personnel
SPAN-S 323 Introduction to Translating Spanish and English
SPAN-S 326 Intro to Spanish Linguistics
SPAN-S 429 Medical Interpreting
SPAN-S 315 Spanish in the Business World
SPAN-S 323 Introduction to Translating Spanish and English
SPAN-S 423 The Craft of Translation
SPAN-S 326 Intro to Spanish Linguistics
SPAN-S 426 Intro to Spanish Linguistics
SPAN-S 468 Varieties of Spanish
SPAN-S 363 Introduction to Hispanic Culture
SPAN-S 370 Service Learning in Spanish
SPAN-S 381 Hispanic Civilization I
SPAN-S 382 Hispanic Civilization II
SPAN-S 383 Hispanic Civilization III
SPAN-S 384 Hispanic Civilization IV
SPAN-S 410 Contemporary Hispanic Culture and Conversation
SPAN-S 411 Spanish Culture and Civilization
SPAN-S 412 Latin American Culture and Civilization
SPAN-S 413 Hispanic Culture in the U.S.
SPAN-S 423 The Craft of Translation
SPAN-S 426 Intro to Spanish Linguistics
SPAN-S 429 Medical Interpreting
SPAN-S 440 Hispanic Sociolinguistics
SPAN-S 468 Varieties of Spanish
SPAN-S 390 Special Topics in Spanish
SPAN-S 493 Internship Program in Spanish
SPAN-S 495 Hispanic Colloquium

****Students should select at least one upper-level course that also satisfies one of the requirements for the Applied Spanish tracks described below. See Requirement #8.**

- 7) B.S. Spanish Capstone

SPAN-S 498 Capstone Seminar in Spanish

8) Applied Spanish Tracks (15 Unique cr)

Each track consists of six classes. The first two courses also count in one of the upper-level courses taught in Spanish, which also counts as two of the six classes required to satisfy requirement #6. The remaining four courses on topical courses taught in English that relate to the focus of the track.

Students complete one of the following four Applied Spanish tracks:

Track Option #1: Medical Communication in Spanish (six classes/18 cr)

1. SPAN-S 319 Spanish for Healthcare Personnel
2. SPAN-S 429 Medical Interpreting
3. AHLT-R 185/HIM-M 195 Medical Terminology
4. AHLT-B 311/BUS-H 320 Systems of Healthcare Delivery
5. CMCL-C 427/ SPCH-S 427 Cross Cultural Communication
6. SPEA-H 452 Health Disparities

Track Option #2: Spanish in the Business World (six classes/18 cr)

1. SPAN-S 315 Spanish in the Business World
2. SPAN-S 323 Introduction to Translation or SPAN-S 410 Contemporary Hispanic Culture and Conversation
3. BUS-D 300 International Business: Operations of International Enterprises or BUS-D D301 International Business Environment
4. SPCH-S 333 Public Relations
5. SPCH-S 335 Media and Health
6. SPCH-S/CMCL-C 427 Cross Cultural Communication

Track Option #3 Hispanic Culture for Travel and Tourism (six classes/18 cr)

1. & 2. Choose two Spanish/ Hispanic Culture Courses Taught in Spanish

SPAN-S 363 Intro A La Cultura Hispanica
SPAN-S 390 Special Topics Spanish
SPAN-S 370 Service Learning in the Dominican Republic
SPAN-S 495 Hispanic Colloquium

3. SPCH-S 427 Cross Cultural Communication (NW, SB, KO)
4. TESM-T 107 Tourism Planning and Development
5. TESM-T 207 Tourism, Policy, and Sustainability
6. TESM-T 234 Cultural Heritage Tourism

Track Option #4: Hispanic Culture in the U.S. (six classes/18 cr)

1. & 2. Choose two Spanish/ Hispanic Culture Courses Taught in Spanish

SPAN-S 363 Intro A La Cultura Hispanica
SPAN-S 318 Writing Spanish for Heritage Speakers
SPAN-S 413 Hispanic Culture in the U.S.
SPAN-S 412 Spanish America: The Cultural Context
SPAN-S 440 Hispanic Sociolinguistics
SPAN-S 468 Varieties of Spanish

3, 4, 5, 6. Choose four Hispanic Culture Courses Taught in English

LATS-L 350 Contemporary Issues in Latino Studies
LATS-L 396 Topics in Latino Studies
LATS-L 228 U.S. Latino/a Identities
SPAN-S 284 Women in Hispanic Culture (Taught in English)
SPAN-S 290 Topics in Hispanic Culture (Taught in English)
SPAN-S 303 The Hispanic World (Taught in English)
SPAN-S 390 Special Topics in Spanish (Taught in Spanish)
SPAN-S 260 Introduction to Hispanic Film (Taught in English)
SPAN-S 231 Spanish-American Fiction in Translation (Taught in English)

Graduate Certificate in Spanish (Online)

This program will equip K-12 Spanish teachers and dual-credit instructors with pedagogical training in Spanish to enable them to teach the target language more effectively. Each course in the certificate will emphasize communication in Spanish to help students to improve and refine their own mastery of Spanish. Students completing the certificate will:

- Enhance their proficiency with the Spanish language and their confidence to conduct classes in the target language.
- Increase their expertise in areas of Hispanic culture, literature and linguistics.
- Expand their teaching techniques and approaches in light of current practices informed by research. Students earning the IU Online Graduate Certificate in Spanish will:

1. Increase their Spanish language competence.
2. Enhance intercultural competence to promote student engagement and understanding of the Hispanic world.
3. Use effective pedagogical strategies to serve a variety of learning populations including heritage speakers, adult students, etc.
4. Promote an understanding of Spanish as a world language as well as the linguistic and cultural diversity of Spanish in the U.S.
5. Incorporate insights gleaned from current research on second language acquisition and scholarship on effective foreign language instruction to improve student learning.
6. Design structured input and output activities by applying theory to classroom activities, such as communicative teaching, oral and grammar testing, learning and teaching grammar, listening comprehension, and writing.

Degree Requirements

To earn the Graduate Certificate in Spanish students will complete 18 credits graduate

1. SPAN-T 510 Second Language Acquisition for Spanish
2. SPAN-T 520 Spanish Writing and Grammar
3. SPAN-T 530 Spanish through Cultural Expressions
4. SPAN-T 540 Spanish Phonetics
5. SPAN-T 550 Hispanic Studies (variable topics)
6. SPAN-T 560 Hispanic Sociolinguistics

German Foreign Study

Qualified students who want to participate in a one-year program are encouraged to apply for the program offered in Freiburg, Germany. In addition, IU offers semester and summer programs in various locations throughout Germany and Austria. These programs can be used to fulfill requirements for the baccalaureate degree. For a description of all German program options visit: <http://overseas.iu.edu/programs/iuprograms/languages/german.shtml>.

Italian

Foreign Study

Qualified students who want to participate in a one-year program are encouraged to apply for the program offered in Bologna, Italy. In addition, IU offers semester and summer programs in various locations throughout Italy.

These programs can be used to fulfill requirements for the baccalaureate degree. For a description of all Italian program options visit: <http://overseas.iu.edu/programs/iuprograms/languages/italian.shtml>.

Canadian Studies

The Canadian Studies program gives students a better understanding of the diverse origins and multifaceted character of Canada. It gives direction and depth to the student's liberal arts education through a focus on Canada.

Minor in Canadian Studies

The minor in Canadian Studies consists of:

15 credit hours to include:

CDNS-C 101 Canadian Studies (3 cr.)
CDNS-C 301 (3 cr.)

Select three of the following:

- CDNS-C 350 (3 cr.)
- CDNS-C 400 (3 cr.)
- CDNS-C 495 (3cr.)
- FREN-F 200 (3cr.)
- FREN-F 250 or equivalent (3cr.)

Total (15cr.)

Minor in Linguistics Required courses:

From the Department of Modern Languages. Choose three courses from the following list:

- L103, Introduction to the Study of Language (3 cr) (every Summer. Online)
- L200, Introduction to Language and Culture (3 cr) (occasionally)
- L210, Topics in Language and Society (3 cr) (every other year)
- L315, Introduction to Sociolinguistics (3 cr) (occasionally)
- S426, Introduction to Hispanic Linguistics (3 cr) (occasionally)
- L485, Topics in Linguistics (3 cr.) (every other year)

From the Department of English. Two required courses:

- G205, Introduction to the English Language (3 cr)

- G207, Grammar and Usage (3 cr)

Total (15 cr.)

Psychology

Phone: (219) 980-6680

Website: <http://northwest.iu.edu/psychology>

About the Department of Psychology

The Department of Psychology offers a major in psychology leading to the B.A. degree and the B.S. degree, a major in neuroscience leading to a B.A. degree and the B.S. degree, minors in psychology and neuroscience, and provides course work for undergraduates who want to satisfy distribution requirements. As a science, psychology seeks to understand the basic principles by which living organisms adapt their behavior to the changing physical and social environments in which they live. The breadth of the discipline, with its links to the humanities, mathematics, and other social and natural sciences, encourages the development of broad problem-solving skills through exposure to experimental methodology and statistical analysis, and contributes to personal growth and the development of communication skills. Techniques and skills obtained in the B.A. and B.S. programs are applicable in many careers and provide background for students entering graduate work in psychology, neuroscience, and related areas, as well as the professions of medicine, dentistry, law, and business.

Career opportunities for psychology majors at the bachelor's degree level exist in mental health clinics, social welfare agencies, government, personnel departments, and business and industry. A wider range of professional opportunities is open to those who complete master's or doctoral degrees. It is strongly recommended that prospective majors discuss their career objectives with a member of the Department of Psychology early so that appropriate course planning can be accomplished.

The Department of Psychology maintains a chapter of Psi Chi, the international honor society in psychology. With both academic and social interests, the chapter sponsors speakers, workshops, films, and field trips. Students interested in joining should contact the department chairperson.

Major in Psychology - Bachelor of Arts (B.A.)

Learning Outcomes

- Comprehension of basic psychological principles and theories from a variety of sub-areas and an ability to apply these theories and principles in specific situations.
- Knowledge of the scientific method as it applies to behavioral research.
- A working understanding of data analysis including graphic presentation and statistic (parametric and nonparametric).
- An ability to communicate in writing the rationale, method, results, and significance of research in which the student was an active participant.

Psychology Requirements (Va) (36 cr.)

- PSY-P 103 (3 cr.) prerequisites for all courses
- PSY-P 211 (3 cr.)

- PSY-P 222 (3 cr.)
- PSY-K 300 (3 cr.)
- Area A
 - Select a minimum of 2 of the following
 - PSY-P 325 (3 cr.)
 - PSY-P 326 (3 cr.)
 - PSY-P 327 (3 cr.)
 - PSY-P 329 (3 cr.)
 - PSY-P 335 (3 cr.)
 - PSY-P 388 (3 cr.)
 - PSY-P 407 (3 cr.)
 - PSY-P 417 (3 cr.)
 - PSY-P 438 (3 cr.)
 - PSY-P 461 (3 cr.)
 - PSY-P 469 (3 cr.)
 - PSY-P 486 (3 cr.)
- Area B
 - Select a minimum of 2 of the following
 - PSY-B 322 (3 cr.)
 - PSY-P 303 (3 cr.)
 - PSY-P 314 (3 cr.)
 - PSY-P 316 (3 cr.)
 - PSY-P 319 (3 cr.)
 - PSY-P 320 (3 cr.)
 - PSY-P 324 (3 cr.)
 - PSY-P 339 (3 cr.)
 - PSY-P 389 (3 cr.)
 - PSY-P 425 (3 cr.)
 - PSY-P 430 (3 cr.)
- Select 1 from the following which satisfies the capstone requirement
 - PSY-P 481 (3 cr.)
 - PSY-B 454 (3 cr.)
 - PSY-P 426 (3 cr.)
 - PSY-P 435 (3 cr.)
 - PSY-B 482 (3 cr.)
- Select three (3) additional 300-400 level psychology elective courses(9 cr.)

Total (36 cr.)

Students must also complete the core requirements of the College of Arts and Sciences.

Recommended In addition to meeting departmental and general requirements, the department suggests that psychology majors take supporting courses in mathematics and the natural sciences. It is also important to obtain a broadly based education in the humanities, social sciences, and fine arts. Students should not concentrate all their electives in psychology or any other single subject area. Courses such as logic, philosophy, sociology, and computer science are especially appropriate. Prospective psychology students and/or majors are invited to discuss their interests with any member of the psychology faculty.

TSAP in Psychology - B.A.

Completion of an eligible AS or AA degree at Ivy Tech or Vincennes may put you on a Single Articulation Pathway

to a BA or BS at IU Northwest, without a loss of credit hours.

For more information on the TSAP in Psychology see Single Articulation Pathways - Indiana University Northwest.

Major in Psychology - Bachelor of Science (B.S.)

Purpose The Bachelor of Science in Psychology degree provides students with a rigorous general background in the field of psychology and allied disciplines. The degree is designed for students who wish to prepare for graduate or professional school training in psychology or related fields. The more extensive requirements in biology, chemistry, mathematics, and physics have been selected to optimize the student's future opportunities.

Learning Outcomes

- Comprehension of basic psychological principles and theories from a variety of sub-areas and an ability to apply these theories and principles in specific situations.
- Knowledge of the scientific method as it applies to behavioral research.
- A working understanding of data analysis including graphic presentation and statistic (parametric and nonparametric).
- An ability to communicate in writing the rationale, method, results, and significance of research in which the student was an active participant.

Psychology Requirements (Va) (36 cr.)

- PSY-P 103 (3 cr.) prerequisites for all courses
- PSY-P 211 (3 cr.)
- PSY-P 222 (3 cr.)
- PSY-K 300 (3 cr.)
- Area A
 - Select a minimum of 3 of the following
 - PSY-P 325 (3 cr.)
 - PSY-P 326 (3 cr.)
 - PSY-P 327 (3 cr.)
 - PSY-P 329 (3 cr.)
 - PSY-P 335 (3 cr.)
 - PSY-P 388 (3 cr.)
 - PSY-P 407 (3 cr.)
 - PSY-P 417 (3 cr.)
 - PSY-P 438 (3 cr.)
 - PSY-P 461 (3 cr.)
 - PSY-P 469 (3 cr.)
 - PSY-P 486 (3 cr.)
- Area B
 - Select a minimum of 2 of the following
 - PSY-B 322 (3 cr.)
 - PSY-P 303 (3 cr.)
 - PSY-P 314 (3 cr.)
 - PSY-P 316 (3 cr.)
 - PSY-P 319 (3 cr.)
 - PSY-P 320 (3 cr.)
 - PSY-P 324 (3 cr.)
 - PSY-P 339 (3 cr.)
 - PSY-P 389 (3 cr.)
 - PSY-P 425 (3 cr.)

- PSY-P 430 (3 cr.)
- Select 1 from the following which satisfies the capstone requirement
 - PSY-P 426 (3 cr.)
 - PSY-P 435 (3 cr.)
 - PSY-P 481 (3 cr.)
 - PSY-B 454 (3 cr.)
 - PSY-B 482 (3 cr.)
- Select 2 additional 300-400 level psychology elective courses (6 cr.)
- Allied Disciplines Requirements (Vb) (20 cr.)
 - Non-psychology courses listed under the category Group IIIA at the 100 level or above, including at least 6 credits at the 200+ level and at least 2 laboratory courses

In addition to the preceding courses, the student is responsible for fulfilling the core requirements of the Bachelor of Science degree as established by the College of Arts and Sciences.

Major in Neuroscience - Bachelor of Arts (B.A.) Neuroscience Program Objectives

When they successfully complete the Neuroscience program at Indiana University Northwest, students will:

1. Demonstrate a solid understanding of the concepts and methodologies of the interdisciplinary field of neuroscience on a molecular, cellular, systems, and behavioral level.
2. Read, analyze, and critically evaluate primary literature in neuroscience.
3. Clearly communicate scientific information in written and oral formats.
4. Demonstrate a clear understanding of the main research approaches, techniques, and topics in neuroscience by ethically designing and conducting experiments.

Neuroscience Requirements (68-69 cr.)

- PSY-P 103 General Psychology I (3 cr.)
- PSY-P 326 Behavioral Neuroscience (3 cr.)
- PSY-P 211 Methods of Experimental Psychology (3 cr.)
- PSY-K 300 Statistical Techniques (3 cr.)
- BIOL-L 101 Introduction to the Biological Sciences I (with lab, 4 cr.)
- BIOL-L 211 Molecular Biology (3 cr.)
- CHEM-C 105/C125/C106/C126 General Chemistry I and II (with labs, 10 cr.)
- MATH-M 215 Calculus I (5 cr.)
- PHIL-P 393 Biomedical Ethics (3 cr.)
- CSCI-C 150 Procedures and Problem Solving (3 cr.)
- CSCI-C 201 Computer Programming II (4 cr.)
- Choose one basic non-neuroscience course from the following (4-5 cr.):
 - PHSL-P261, BIOL-L311 (with lab), BIOL-L 312 (with lab), CHEM-C 342/C344; MATH-M 216, PHYS-P201, PHYS-P 202, PHYS-P 221, PHYS-P 222
- Choose four advanced Neuroscience courses from the following (12 cr.):

- PSY-P 407 Drugs and the Nervous System
- PSY-P 329 Sensation and Perception
- PSY-P 469 Stress Effects on Brain and Behavior
- PSY-P 388 Special Topics in Experimental Psychology (approved topics)
- PSY-P 486 The Neuroscience of Suicidal Behavior
- BIOL-Z 466 Endocrinology
- BIOL-L 318 Evolution
- PHSL-P 417 Neurobiology
- Capstone/advanced lab (3 cr.): PSY-P 426 Laboratory in Behavioral Neuroscience

Total (68-69 cr.)

Students must also complete the core requirements of the College of Arts and Sciences.

Major in Neuroscience - Bachelor of Science (B.S.) Neuroscience Program Objectives

When they successfully complete the Neuroscience program at Indiana University Northwest, students will:

1. Demonstrate a solid understanding of the concepts and methodologies of the interdisciplinary field of neuroscience on a molecular, cellular, systems, and behavioral level.
2. Read, analyze, and critically evaluate primary literature in neuroscience.
3. Clearly communicate scientific information in written and oral formats.
4. Demonstrate a clear understanding of the main research approaches, techniques, and topics in neuroscience by ethically designing and conducting experiments.

Neuroscience Requirements (68-69 cr.)

- PSY-P 103 General Psychology I (3 cr.)
- PSY-P 326 Behavioral Neuroscience (3 cr.)
- PSY-P 211 Methods of Experimental Psychology (3 cr.)
- PSY-K 300 Statistical Techniques (3 cr.)
- BIOL-L 101 Introduction to the Biological Sciences I (with lab, 4 cr.)
- BIOL-L 211 Molecular Biology (3 cr.)
- CHEM-C 105/C125/C106/C126 General Chemistry I and II (with labs, 10 cr.)
- CHEM-C 341/CHEM-C 343 Organic Chemistry I (with lab, 5 cr.)
- MATH-M 215 Calculus I (5 cr.)
- PHIL-P 393 Biomedical Ethics (3 cr.)
- CSCI-C 150 Procedures and Problem Solving (3 cr.)
- CSCI-C 201 Computer Programming II (4 cr.)
- Choose one basic non-neuroscience course from the following (4-5 cr.):
 - PHSL-P261, BIOL-L311 (with lab), BIOL-L 312 (with lab), CHEM-C 342/C344; MATH-M 216, PHYS-P201, PHYS-P 202, PHYS-P 221, PHYS-P 222
- Choose four advanced Neuroscience courses from the following (12 cr.):
 - PSY-P 407 Drugs and the Nervous System

- PSY-P 329 Sensation and Perception
- PSY-P 469 Stress Effects on Brain and Behavior
- PSY-P 388 Special Topics in Experimental Psychology (approved topics)
- PSY-P 486 The Neuroscience of Suicidal Behavior
- BIOL-Z 466 Endocrinology
- BIOL-L 318 Evolution
- PHSL-P 417 Neurobiology
- Capstone/advanced lab (3 cr.): PSY-P 426 Laboratory in Behavioral Neuroscience

Total (68-69 cr.)

Students must also complete the core requirements of the College of Arts and Sciences.

Minor in Psychology Requirements

Students who elect to minor in psychology must complete the following

- PSY-P 103 (3 cr.)
- Any 200+ level psychology course
- Select 3 additional courses in psychology at the 300 or higher level. (9 cr.)

Total (15 cr.)

Minor in Neuroscience Requirements

Students who elect to minor in neuroscience must complete the following

- PSY-P 103 (3 cr.)
- BIOL-L 101 with lab (4 cr.)
- Choose three advanced Neuroscience courses from the following (9 cr.):
 - PSY-P 326, PSY-P 329, PSY-P 469, PSY-P 388(approved topics), PSY-P 486, PSY-P 407, BIOL-Z 446, BIOL-L 318, PHSL-P 417

Total (16 cr.)

Sociology and Anthropology

Phone: (219) 980-6789

Website: <http://www.northwest.iu.edu/sociology-anthropology/>

Sociology

The Department of Sociology and Anthropology offers its sociology curriculum to undergraduate students who want to pursue the systematic study of society from the microlevel (the individual in society) to the macrolevel (the study of institutions). The department offers its anthropology curriculum to undergraduate students who want to acquire a global perspective on the nature and origins of human cultural and biological diversity. At the junior / senior level, some students may be eligible to enroll in independent study courses: (1) Individual Readings in Sociology and Anthropology (2) the Internship Program (where the student integrates a work experience with course work). Students graduating with a major in sociology or anthropology may enter graduate programs in sociology, anthropology, and social science; enter

professional schools, such as law and social work; or enter careers requiring a bachelor's degree in the liberal arts. Both Sociology and Anthropology majors are encouraged to draw upon the resources of other departments in social and behavioral sciences, as well as the humanities and physical/natural sciences. Counseling on programs and career choices is available within the department.

The Department of Sociology and Anthropology maintains a chapter of Alpha Kappa Delta International Sociology Honor Society (Iota of Indiana Chapter). Students are selected on the basis of excellence in research.

Learning Outcomes

1. Develop a depth of content knowledge,
2. Practice sociological interpretation,
3. Appreciate and understand diversity in culture and belief,
4. Think critically,
5. Employ research and analysis methods, and
6. Communicate concepts and ideas with precision and clarity.

Major in Sociology Requirements - Majors (30 cr.)

- SOC S161 (3 cr.)
- SOC S230 (3 cr.)
- SOC S261 (3 cr.)
- SOC S262 (3 cr.)
- SOC S340 (3 cr.) capstone requirement
- Select any four additional sociology courses to include (12 cr.) at the 300-400 level
- Select any one additional sociology course (3 cr.)

Students must also complete the general requirements of the College of Arts and Sciences.

Major in Sociology with Concentration in Women's and Gender Studies Requirements - Majors (30 cr.)

- Select four Basic Sociology courses
 - SOC S161 (3 cr.)
 - SOC S230 (3 cr.)
 - SOC S261 (3 cr.)
- SOC S262 Methods (3 cr.)
- Select one course from the following Deviance/Inequality courses
 - SOC S337 Women and Crime (3 cr.)
 - SOC S420 Topics in Deviance, when topic is women, such as Women and Deviance (3 cr.)
 - SOC S413 Gender Inequality (3 cr.)
- Select one course from the following Organization courses
 - SOC S310 Sociology of Women in America (3 cr.)
 - SOC S410 Topics in Social Organization when topic is women, such as Women and Religion (3 cr.)
 - SOC S376 Feminist Political Action (3 cr.)
- SOC S340 (3 cr.)

- Select electives in areas of Sociology / Anthropology Women's and Gender Studies
 - Select two appropriate courses at the 300-400 level such as
 - SOC S337 (3 cr.)
 - SOC S376 (3 cr.)
 - SOC S420 (3 cr.)
 - SOC S413 (3 cr.)
 - SOC S310 (3 cr.)
 - SOC S410 (3 cr.) when topic is women or gender
 - SOC S495 Individual Readings and Research when topic is women (3 cr.)
 - SOC S398 Internship in Behavioral Sciences, when agency serves women, such as battered women's shelters, women's transitional houses, etc. (3 cr.)

Outside Electives

- WOST 200 Introduction to Women's and Gender Studies (3 cr.)
- Select one WOST W400 course from the following
 - P460 / W400 Psychology of Women (3 cr.)
 - P432 / W400 Women and Madness (3 cr.)
 - Appropriate cross-listed courses from other disciplines (3 cr.)
- Students must also complete all the requirement for the regular B.A. in Sociology and College of Arts and Sciences B.A. general requirements.
- P432 / W400 Women and Madness (3 cr.)

TSAP in Sociology - B.A.

Completion of an eligible AS or AA degree at Ivy Tech or Vincennes may put you on a Single Articulation Pathway to a BA or BS at IU Northwest, without a loss of credit hours.

For more information on the TSAP in Sociology see Single Articulation Pathways - Indiana University Northwest.

Minor in Sociology

Requirements - Minor (15 cr.)

- SOC S161 (3 cr.)
- Select one from the following
 - SOC S163 (3 cr.)
 - SOC S164 (3 cr.)
 - SOC S230 (3 cr.)
- Select two 300 or 400 level sociology courses (6 cr.)
- Select any additional sociology course (3 cr.)

Total (15 cr.)

Anthropology

Anthropology gives students a holistic understanding of human existence in an ecological, evolutionary perspective. It studies the interrelationships of human biology and human behavior, particularly that behavior which we call culture, both in the past and in the present. In its four traditional subfields of cultural anthropology, physical anthropology, archaeology, and linguistic anthropology, it covers all the aspects of being human, making use of almost all of human knowledge.

Anthropology is also the only discipline that focuses on the study of the origin and nature of human biological and cultural diversity. Courses in anthropology are thus of value to students in virtually all fields; they relate those disciplines to a broader view of humankind as a whole.

Learning Outcomes

Students majoring in anthropology will be able to:

- Describe how evolutionary and historical processes have shaped primates and human ancestors and lead to the biological, behavioral, and cultural diversity seen in the present.
- Describe how cultural systems construct reality differently for various human groups.
- Describe how varying types of data are collected, analyzed, synthesized and interpreted to achieve these first two goals.
- Communicate anthropological knowledge effectively through written, oral and data presentation in varying formats for diverse audiences.
- Discuss human diversity and how knowledge about human diversity should lead to a better understanding of and therefore respect for people whose culture differs from ours.

Major in Anthropology

Requirements - Majors (33 cr.)

- ANTH A104 (3 cr.)
- ANTH A105 (3 cr.)
- ANTH A201 (3 cr.)
- Select 1 of the following Research Methods Courses
 - ANTH E404 Field Methods in Ethnography (3 cr.)
 - ANTH E423 Life Histories (3 cr.)
- ANTH A360 capstone requirement (3 cr.)
- Select 1 400-level Seminar Experience course such as
 - ANTH E400 (3 cr.)
 - ANTH E445 (3 cr.)
 - ANTH B400 (3 cr.)
 - ANTH B466 (3 cr.)
 - Or others to be offered
- Select any 3 elective courses in Anthropology at or above the 300-level (9 cr.)
- Any course can fulfill only one of the requirements listed above
- 15 credit hours of the courses taken in the major must be at the 300 level

Total (33 cr.)

Minor in Anthropology

Requirements - Minor (15 cr.)

Select 5 (3 cr.) courses including

- ANTH-A 104 (3 cr.)
- ANTH-A 105 (3 cr.)
- Select any two 300- or 400- level courses (6 cr.)
- Select any one more 3 cr. Anthropology course

Courses

- Anthropology
- Sociology

Women's and Gender Studies

Phone: (219) 980-6714

Website: <http://www.northwest.iu.edu/women-and-gender-studies/>

About the Women's and Gender Studies Program

Women's and Gender Studies is an interdisciplinary program focusing on the importance of gender as a category of social analysis. Women's and Gender Studies courses consider gender systems across cultures, examining the way those systems develop, function, and change. Women's and Gender Studies draws upon a variety of academic disciplines.

A Women's and Gender Studies minor, Certificate in Women's and Gender Studies, or Bachelor of Arts degree with a major in Psychology or Sociology and a concentration in Women's and Gender Studies provides a valuable foundation for students entering the workforce. Women's and Gender Studies courses will benefit those who enter jobs in business, education, nursing, and public affairs, as well as those who study traditional fields such as history, social work, sociology, psychology, the arts, and literature. Most of the courses in the program satisfy distribution requirements.

Minor in Women's and Gender Studies Requirements - (15 cr.)

The Minor in Women's and Gender Studies consists of a minimum of 15 credit hours, distributed as follows: 6 credit hours of core courses and 3 credit hours from Women in Diverse Cultures, 3 credit hours from Women in the Social Sciences, and 3 credit hours from Women in the Humanities.

Core courses (6 cr.)

- Either W200 Women in American Society (3 cr.)
OR W201 Women in American Culture (3 cr.)
(students cannot get credit for both)
- W400 or W401 Topics in Women's and Gender Studies (3 cr.)

The remaining 9 credit hours should be selected from the Electives.

Electives

- Women in Diverse Cultures (3 cr.)
 - WGS-W301 Global Perspectives of Gender (3 cr.)
 - WGS-W 301 International Perspectives on Women (3 cr.)
 - AAAD-A 210 Women in the African Diaspora (3 cr.)
 - AAAD-A 406 Literature by American Women of Color (3 cr.)
 - AAAD-A 410 The Black Woman and the Afro-American Experience (3 cr.)
 - SPAN-S490 Topic: The Latino Woman (3 cr.)
 - CMLT-C 340 Women in World Literature (3 cr.)
 - SPAN-S 284 Women in Hispanic Culture (3 cr.)
 - SPAN-S 470 Women in Hispanic Literature (3 cr.)

- WGS-W 302 Issues in Women's and Gender Studies: The Afro-Caribbean Experience (3 cr.)
- Women in the Social Sciences (3 cr.)
 - WGS-W 300 Topics in Women's and Gender Studies (3 cr.)
 - WGS-W 400 Topics in Women's and Gender Studies (3 cr.)
 - WGS-W 400 Topics in Women's and Gender Studies: Feminist Political Action (3 cr.)
 - WGS-W 400 Topics in Women's and Gender Studies: Gender Inequality (3 cr.)
 - WGS-W 400 Topics in Women's and Gender Studies: Women and Crime (3 cr.)
 - WGS-W 400 Topics in Women's and Gender Studies: Gender and Corrections (3 cr.)
 - WGS-W 480 Women's and Gender Studies Practicum (3 cr.)
 - AAAD-A 210 Women in the African Diaspora (3 cr.)
 - AAAD-A 410 The Black Woman and the Afro-American Experience (3 cr.)
 - SPAN-S 490 Topic: The Latino Woman (3 cr.)
 - SPAN-S 470 Women in Hispanic Literature (3 cr.)
 - SOC-S 310 The Sociology of Women in America (3 cr.)
 - SOC-S 337 Women and Crime (3 cr.)
 - SOC-S 376 Feminist Political Action (3 cr.)
 - SOC-S 410 Topics in Organization: Women and Work (3 cr.)
 - SOC-S 413 Gender Inequality (3 cr.)
 - SPCH-S 450 Gender and Communication (3 cr.)
 - SPCH-S 427 Cross-cultural Communication (3 cr.)
 - SPEA-V 450/V 550 Inside Out Prison Exchange Offender Re-entry (3 cr.) (when topic is women or gender)
 - WGS-W400 Topics in Women's and Gender Studies: Gender Inequality
 - WGS-W400 Topics in Women's and Gender Studies: Feminist Political Action (SOC 431)
- Women in the Humanities (3 cr.)
 - WGS-W 207 Women in Literature (3 cr.)
 - WGS-W 302 Issues in Women's and Gender Studies: Afro-Caribbean Experience (3 cr.)
 - WGS-W302 Issues in Women's and Gender Studies: Women in Literature (3 cr.)
 - WGS-W302 Issues in Women's and Gender Studies: Women in American Politics (3 cr.)
 - WGS-W302 Issues in Women's and Gender Studies: Gender, Myth and Movies (3 cr.)
 - WGS-W 302 Issues in Women's and Gender Studies: Gender in French Cinema (3 cr.)
 - WGS-W 401 Issues in Women's and Gender Studies: Literature by Women of Color (3 cr.)
 - WGS-W 401 Issues in Women's and Gender Studies: Modern American Women (3 cr.)
 - WGS-W 302 Issues in Women's and Gender Studies: Women's Human Rights (3 cr.)

- CMLT-C 340 Women in World Literature (3 cr.)
- ENG-L 207 Women in Literature (3 cr.)
- ENG-L 249 Gender and Sexuality in Literature (3 cr.)
- ENG-L 381 Recent Writing (3 cr.) (When topic is women/gender)
- ENG-L 440 Seminar in English and American Literature (3 cr.) (When topic is women/gender)
- SPAN-S 470 Women in Hispanic Literature (3 cr.)
- HIST-B 305 History of the Sexual Revolution (3 cr.)

The course taken to fulfill the requirement of Women in Diverse Cultures cannot be used to fulfill the requirements in Women in the Social Sciences and Women in the Humanities.

Additionally there is another minor offered in English with a concentration in WGS. More information about it can be found <https://www.northwest.iu.edu/english/degrees/minors-in-english.htm>.

Undergraduate Certificate in Women's and Gender Studies

The Certificate offers students a focused program in an interdisciplinary course of studies dealing with women's experiences, issues related to gender, gender identity, roles and relationships, and the impact of these elements on life and society. The Certificate is open to both degree-seeking and non-degree-seeking students. Many professionals in business, psychology, social services, medical, and legal professions find that training in Women's and Gender Studies enhances the practice of their profession.

Students may enter the program in two different ways. Degree-seeking and non-degree-seeking students should contact the WGS Director. They will then discuss the student's career goals and needs and select a set of courses that will best satisfy those goals. Degree-seeking students should be in good standing within the university and have a minimum GPA of 2.0.

Requirements - (18 cr.)

- Core Courses (6 cr.)
 - W200 or W201 (3 cr.)
 - W480 (3 cr.)
- Select courses across 3 categories (12 cr.)
 - Women in Diverse Cultures
 - Women in the Social Sciences
 - Women in the Humanities
- At least 9 credit hours of the certificate must be completed on the Indiana University Northwest campus.
- Students are required to obtain a grade of C or better for all courses used in the Certificate.
- Students may receive either a minor or Certificate in Women's and Gender Studies, but not both.

Bachelor of Arts in Sociology - Concentration in Women's and Gender Studies

The Bachelor of Arts degree in sociology with a concentration in Women's and Gender Studies provides

a solid background in sociology along with a focus on the sociology of women and gender issues.

Requirements - (30 cr.)

- SOC S161
- SOC S230
- SOC S261
- Select one Methods course from the following
 - SOC-S 262
 - SOC-S 254
- Select one Deviance / Inequality course from the following
 - SOC-S 337 Women and Crime
 - SOC-S 420 Topics in Deviance (when topic is women or gender, such as Women and Deviance)
 - SOC-S 413 Gender Inequality
- Select one Organization course from the following
 - SOC-S 310 Sociology of Women in America
 - SOC-S 410 Topics in Social Organization (when topic is women and gender, such as Women and Religion)
 - SOC-S 376 Feminist Political Action
- Select one Theory course from the following
 - SOC-S 340
- Select elective courses in areas of sociology / anthropology / Women's and Gender Studies
 - Select two appropriate additional courses at the 300-400 level from the following
 - SOC S337
 - SOC S376
 - SOC S420
 - SOC S310
 - SOC S410
 - SOC S413
 - SOC S431
 - and / or any of S495 Individual Readings and Research when topic is women or gender
 - S398 Internship in Behavioral Sciences, when agency serves women, such as shelters for battered persons, women's transitional houses, etc.

Total (30 cr.)

Outside Electives

- WGS-W 200 Introduction to Women's and Gender Studies
- Select one WGS-W 400 course such as
 - SPCH-S 450 Gender and Communication
 - AFRO-A 410 The Black Woman and the Afro-American Experience
- Appropriate cross-listed courses from other disciplines

Total (30 cr.)

In addition to the preceding courses, the student is responsible for fulfilling the general requirements of the

B.A. degree as established by the College of Arts and Sciences.

General Studies Program

Administrative Officers

Mark Hoyert, Ph.D., *Dean*

Jonathyne Briggs, Ph.D., *Associate Dean* Kathy Spicer, M.A., *Academic Advisor*

General

The Bachelor of General Studies (BGS) is a liberal arts degree without a specific major. It provides students with a broadly-based, multidisciplinary education while emphasizing the liberal arts and sciences. Students are required to complete three Major Areas of Learning, an Area of Concentration, and both Arts and Sciences and general electives. The program allows the student the option to utilize professional and technical courses as electives. The student takes an active role in customizing a Plan of Study that will form the basis for achieving personal and career goals.

The B.G.S. degree consist of two parts: (1) course work that must be done in broad categories, called "required areas of learning," and (2) course work that can be done in any school, division, or program of the university, called "elective credit." The three required areas of learning are arts and humanities, science and mathematics, and social and behavioral sciences. They provide students with a broad exposure to the humanities and the sciences. Electives permit students to explore other areas of interest and to tailor the degree to their individual needs.

Learning Outcomes

1. Gain foundational knowledge across the humanities, social and behavioral sciences, and physical and life sciences.
2. Build critical thinking skills.
3. Learn how to synthesize, process, and analyze information.
4. Write effectively at college-graduate level
5. Speak effectively at college graduate level

Admission

General Admission Requirements

The general studies degree programs are open to all qualified high school graduates or individuals with the appropriate General Educational Development (GED) certificate.

For information how to apply for any of the programs in General Studies please contact the Office of Admissions.

Academic Standards

Course requirements:

- Minimum of 120 credit hours and overall Indiana University grade point average of 2.0 is required for graduation
- Minimum of 30 Indiana University credit hours

- Minimum of 20 credits hours residency, after admission to the General Studies program, with a GPA of 2.0
- Maximum of 21 credit hours in a single Arts & Science subject area and 30 credit hours in a professional school
- Minimum of 30 credit hours of upper level (300/400) courses
- Minimum grade of C- in Major Areas of Learning and Area of Concentration
- Competencies to include the following
 - ENG W131 – Elementary Composition
 - SPCH S121 – Public Speaking
 - GNST G203 - Introduction to General Studies
 - Intensive writing (2 Intensive Writing courses needed)
 - MATH M100 or higher (including M111 & T101)
 - Computer science
 - Science course with a lab
 - Diversity class
 - GNST G408 General Studies Capstone

Awards and Distinctions

Scholastic Honor Society

Omicron Sigma Delta is a liberal arts scholastic honorary society based on the same criteria as those used by the prestigious national honorary scholastic society, Phi Beta Kappa. Candidates are selected on the basis of high scholarship and good character.

Graduation with Distinction

The General Studies Program recognizes outstanding performance in coursework by awarding degree with three levels of distinction. In order to graduate with distinction, students must have 60 graded IU credit hours.

The levels of distinction, which are printed on the IU diploma, are determined by the following grade point averages:

- 3.50-3.74 distinction
- 3.75-3.89 high distinction
- 3.90-4.00 highest distinction

Required Areas of Learning Areas

- Arts and Humanities
- Capstone Experience
- Electives
- Science and Mathematics
- Social and Behavioral Sciences

The subject fields grouped under the three areas of learning follow. Similar subject fields from other colleges and universities may be applied toward fulfilling the area requirements.

Science and Mathematics

- Anatomy and physiology
- Astronomy
- Biology

- Biochemistry
- Chemistry
- Computer Science
- Environmental Science
- Geography
- Geology
- Informatics
- Mathematics
- Microbiology
- Neuroscience
- Physics

Other disciplines may qualify to fulfill the areas of learning and concentration. Please check with a General Studies advisor.

Arts and Humanities

- English
- Fine arts
- History
- Foreign language courses
- Minority studies
- Philosophy
- Religious studies
- Speech and communication
- Theatre and drama

Other disciplines may qualify to fulfill the areas of learning and concentration. Please check with a General Studies advisor.

Social and Behavioral Sciences

- Anthropology
- Economics
- Geography
- Minority Studies
- Political science
- Psychology
- Sociology
- Speech and communication
- Sustainability Studies

Other disciplines may qualify to fulfill the areas of learning and concentration. Please check with a General Studies advisor.

Electives

Students may select any of the courses offered by Indiana University or other schools to fulfill elective requirements. Students are encouraged to consult with their advisors and to concentrate their elective course work in subject fields related to their primary academic interest, a second area of expertise, and personal interests. Students are also encouraged to focus their learning by selecting up to three minors available from the College of Arts and Sciences, the School of Business and Economics, the College of Health and Human Services, and the School of Public and Environmental Affairs.

Capstone Experience

The General Studies Degree Program requires course work leading to a capstone experience. Completing a capstone experience enables you to demonstrate accomplishments in undergraduate education. It allows you to apply both academic and real-world experiences to the principles of undergraduate learning, thereby

enabling you to understand the educational philosophy of a multidisciplinary education. Contact your general studies advisor for details.

Degree Requirements

Students in the General Studies program can obtain a bachelor degree, a second bachelor degree or a certificate (30 credit hour) degree. Requirements for all three are given below.

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

Major Areas of Learning

- Arts & Humanities (12 credit hours in at least 2 disciplines)
- Science & Math (12 credit hours in at least 2 disciplines)
- Social & Behavioral Sciences (12 credit hours in at least 2 disciplines)
- Area of Concentration

Students must select one of the three major areas of learning (Arts & Humanities, Science & Math or Social & Behavioral) and take an additional 18 credit hours in at least 2 disciplines

Electives

66 credit hours total (with a minimum of 15 credit hours in the Arts & Sciences)

Total (120 cr.)

Other Requirements

Students must meet the 120 credit hour graduation requirement of the B.G.S. degree by satisfying the following:

1. At least 69 credit hours of course work in the arts and sciences must be completed. No more than 21 of these credits may be taken in a single Arts and Sciences department or subject area.
2. No more than 30 of 51 credit hours allowed for course work outside the arts and sciences may be taken in any one school or technical program. (No more than 27 credit hours from the School of Business and Economics)
3. At least 30 credit hours of course work of the required 120 credits must be taken within the Indiana University campuses.
4. At least 20 credit hours of course work applied to the B.G.S. degree must be taken after the student is admitted to the General Studies Degree Program. These should be IU credit hours.
5. At least 30 credit hours of the required 120 credit hours must be taken at the upper-division level. Upper-division course work is numbered in the 300s and 400s.
6. In order to apply courses to the required areas of learning, a grade of C- or higher must be achieved in IU courses.
7. In order to graduate, a student must have a General Studies Degree Program and Indiana University grade point average of at least 2.0.

Bachelor of General Studies (ONLINE)

The Online Bachelor of General Studies provides a multidisciplinary course of study that fulfills traditional university requirements in liberal arts and sciences while enabling you to meet your specific goals. It is a fully accredited, broad-based liberal arts degree without a specific major.

As a student in the program, you must complete requirements in three learning areas: arts and humanities, science and mathematics, and social and behavioral sciences. In consultation with your academic advisor, you also complete electives that allow you to tailor your general studies degree to your individual needs. You receive a broad range of skills and knowledge that can further your current career and/or prepare you for professional programs or graduate school. To graduate with the Online BGS degree, you must complete the same requirements as those for the on-campus BGS degree.

Degree Requirements

To graduate with the BGS, you must complete a total of 120 credit hours.

Requirements are broken down as follows:

- Arts and Humanities (minimum 12 credit hours)
- Math and Science (minimum 12 credit hours)
- Social/Behavioral Science (minimum 12 credit hours)
- Concentration (minimum of 18 additional credit hours in one of the preceding areas)
- Electives (minimum of 15 credits in Arts and Sciences and 51 credits of general electives)

You must demonstrate competency by taking classes in English composition, two intensive writing courses, speech, mathematics, computer science, a science with a lab, a diversity course, and a General Studies capstone. At least 30 credit hours must be taken at the 300-400 level. You may earn up to three minors in such fields as biology, sociology, business administration, and health system administration.

The General Studies Degree Program allows credit to be awarded through independent study, distance learning, credit-by-examination, self-acquired competency (credit by portfolio), and American Council on Education (ACE) recommended programs through the military. Through these features, the program provides the convenience, flexibility and individualized learning experience that will allow the student to complete their degree requirements.

Requirements for a Second Bachelor's Degree

Normally, the holder of a baccalaureate degree who wishes to pursue a further educational goal is encouraged to become qualified for admission to a graduate degree program. In certain cases, however, a student may be admitted to candidacy for the B.G.S. degree.

After admission to the General Studies Degree Program, bachelor's degree candidates must earn

- At least 30 credit hours of the required 120 from Indiana University if they have not previously earned credit from the Indiana University system

- A minimum of 20 credit hours acceptable for the B.G.S. degree after admission to the General Studies Degree Program
- All requirements for the Bachelor of General Studies degree

Recognition of Previously Earned Credit

Many students in the General Studies Degree Program have previously earned academic credit at Indiana University or at other institutions. They may also apply other forms of credit, including test credit, military credit, and credit for prior learning (CPL).

Credits from Indiana University

Please see the BGS academic advisor for details on credit by examination.

Credits Eligible for Transfer from Institutions Other than Indiana University

A maximum of 90 credit hours at a four-year institution, other than Indiana University, can be applied to the B.G.S. degree, provided that grades are at least C. In order for transfer credit to be applied to any of the required areas of learning, courses taken must be equivalent in nature to those offered by Indiana University in these areas. Courses taken at another institution in which the student received the grade of C– or below will not be transferable for credit. In addition, there is a 64 credit hour maximum for courses applied toward the B.G.S. degree from community and junior colleges.

Students who have been dismissed from another postsecondary institution cannot be admitted to the General Studies Degree Program until at least one calendar year has passed since the date of dismissal.

University regulations require that the admissions office indicate on the credit transfer report any deficiencies in grade point average (grade point average below 2.0 on a 4.0 scale) at another institution.

Credit by Examination at Other Institutions

If the transcript indicates credit by examination, and if students do not enroll in sequential courses to validate their knowledge in the subject matter, credit will be granted only on the basis of review by the appropriate academic department of Indiana University.

Military Service and Law Enforcement Credit

Veterans of military service and military and law enforcement personnel on active duty are eligible for academic credit as a result of their training and experience. The General Studies Degree Program follows the provisions of the American Council on Education's *Guide to Evaluation of Educational Experiences in the Armed Services* in granting credit. Copies of official discharge, separation papers, certificates of completion (in-service schools), or transcripts must be submitted as a basis for granting credit. Consult the BGS advisor for details.

Bachelor of Applied Science

The Bachelor of Applied Science (BAS) is an interdisciplinary degree designed for students who have completed an Associate of Applied Science (AAS) degree and who would benefit from a Bachelor's degree for career or personal advancement. The BAS gives students the

unique opportunity to apply sixty of their technical AAS credits to an Indiana University bachelor's degree. Since the credits accumulated in these types of programs do not readily transfer to traditional baccalaureate programs, the BAS degree was designed to provide students with an opportunity to advance their professional skills. The BAS is a very flexible degree. Every student could design his or her own program of study. Students will work closely with an academic advisor to select a set of classes that best fits his or her individual needs. Not only can students build a unique curriculum that aligns with his or her educational and career goals, but students can complete the degree while taking only classes on campus, taking only classes offered online, or any combination of the above. The BAS degree is a joint degree program by all five IU-managed regional campuses. 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.

BAS Degree Requirements

- The curriculum consists of 120 credit hours. 60 of those are transferred in from an accredited community college.
- 18 credits from required core competencies
- At least 12 credits in one of four tracks: Health Care Management, Informatics, Sustainability, or an Individualized Tract
- 30 credit hours of additional electives and/or general education
- Further, students may complete on-line courses from other Indiana University campuses as part of the program.

To graduate with the BAS, you must complete a total of 120 credit hours. You may apply 60 to 64 credit hours from your AAS to Indiana University. You then complete 56-60 credit hours of courses from IU, with at least 30 credit hours at the 300- and 400-level.

Students must take one course for each learning outcome (6 courses/18 credit hours total). Students may use any listed course to satisfy this requirement.

I. Core Competencies (18 cr)

Core Learning Outcome 1: Demonstrate knowledge and skills in accounting and bookkeeping (3 cr)

Complete one of the following classes:

- BUS A200 Foundations of Accounting
- BUS A201 Introduction to Financial Accounting
- BUS A202 Introduction to Managerial Accounting

Core Learning Outcome 2: Demonstrate knowledge and skills in economics

Complete one of the following classes:

- ECON E200 Fundamentals of Economics: An Overview*
- ECON E103 or ECON E201 Introduction to Microeconomics*

- ECON E104 or ECON E202 Introduction to Macroeconomics*
- *ECON-E201 & E202 have a pre-req of MATH-M117 or MATH-M105.
- ECON-E103 and E104 do not have any pre-reqs
- BUS G300 Intro to Managerial Economics and Strategy**
- ** (P: MATH-M 118, ECON-E270, E103, E104, BUS-P301)
- POLS Y359 Economics and Public Management

Core Learning Outcome 3: Demonstrate knowledge and skills in legal, ethical, social, and/or international topics (must be at 300 or 400 level)

Complete one of the following classes:

- BUS B399 or BUS J404 Business and Society
- BUS D300 International Business Administration
- BUS D301 The International Business Environment(P: ECON-E300 or E201 & E202)
- POLS Y379 Ethics and Public Policy
- POLS Y380 Ethics for Public Organizations
- POLS Y403 Legal Issues in Public Bureaucracy
- PHIL P306 Business Ethics
- PHIL P393 Biomedical Ethics(P: ECON-E300 or E201 & E202)
- HIST B391 Themes in World History
- HIST G369 Modern Japan
- HIST G385 Modern China
- HIST G387 Contemporary China
- HIST G410 China Japan US , 20th & 21st Century

Core Learning Outcome 4: Demonstrate knowledge and skills in supervision (must be at 300 or 400 level)

Complete one of the following classes:

- BUS Z300 or BUS Z301 Organizational Behavior & Leadership
- BUS Z302 (P: PSY-P103 & SOC-S100) Managing and Behavior in Organizations
- BUS W301 Management & Organization Theory
- POLS Y358 Human Behavior and Public Organizations
- POLS Y357 Public Personnel Management
- BUS Z440 Personnel - Human Resource Management

Core Learning Outcome 5: Demonstrate knowledge and skills in marketing (must be at 300 or 400 level)

Complete one of the following classes:

- BUS M300 Introduction to Marketing
- BUS M301 Introduction to Marketing Management (P: BUS-A 202, ECON-E 201 & E 202)

Core Learning Outcome 6: Demonstrate knowledge and skills in communication (must be at 300 or 400 level)

Complete one of the following classes:

- SPCH S427 or CMCL C427 Cross Cultural Communication
- SPCH C380 or SPCH S440 or CMCL C440 Organizational Communication

II. BAS Tracks (12 cr)

As a BAS student, you must choose from one of four tracks: healthcare management, sustainability studies, informatics and individualized.

You take courses related to the track you choose. These include a capstone course that helps you integrate what you have learned.

A. Health Management Track

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

Complete one of the following classes:

- PAHM H320 or SPEA H320 Health Systems Administration
- SPEA V450 Medical Ethics
- HSCI H415 Global Child and Adolescent Health
- PAHM B311 Systems of Health Care Delivery
- PAHM B320 Global Systems of Health Care Delivery
- BUS H320 Systems of Health Care Delivery

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

Complete one of the following courses:

- SPEA H452 Health Disparities
- PAHM H441 or SPEA H441 Legal Aspects of Health Care
- PAHM W314 Ethics for Health Professionals
- PAHM H474 Health Administration and Policy
- BUS H411 Management of Long-Term Care Facilities
- BUS H402 Hospital Organization and Management
- BUS H352 Health Care Financial Management

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

Complete one of the following classes:

- PAHM-H315 Consume Health
- PAHM H354 or AHSC-H350 or BUS H354 Economics of Health Care
- PAHM H352 Health Finance and Budgeting

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

Complete one of the following:

- SPEA H322 Principles of Epidemiology
- PAHM H371 or SPEA H371 or HR Management in Health Care Facilities
- SPEA H402 Hospital Administration
- AHLT M366 Leadership for Health Professionals
- PAHM H401 Strategic Planning for Health Care Organizations

Capstone Outcome: Integrate knowledge and skills and apply to health management issues or challenges.

Complete one of the following:

- PAHM-B499 Health Management Capstone
- SPEA H474 Health Capstone

B. Sustainability Track

Track 1: Required

- SUST-C301 Foundations of Sustainability

Track 2: Choose Two

- GEOG-G 315 Environmental Conservation (online)
- GEOG-G 338 Geographic Information Systems (online)
- GEOL-G 476 Climate Change Science (online)
- GEOL-G 478 Global Change, Food, & Farming Systems
- SUST-S 400 Energy: Sources and Needs (online)
- POLS-Y 308 Urban Politics (online)
- POLS-Y 346 Politics of the Developing World (online)
- SOC-S 308 Global Society (online)
- SOC-S419 Social Movements and Collective Action
- SUST-C340 Sustainability in the Social and Behavioral Sciences
- SUST-C350 Sustainability in the Arts and Humanities

Track 3: Required, Capstone

- SUST-C490 Capstone in Sustainability

C. Individualized Track

The student, in close consultation with an advisor, selects 12 hours of 300- and 400-level courses to complete this track.

- COAS-S400 Workshop in Special Topics
- BAS Individualized Capstone is also required.

D. Informatics Track

The Informatics track may appeal if you hold an Associate of Applied Science in Computing or an Associate of Applied Science in Information Technology. INFO-C100

- INFO-C112
- INFO-C210
- INFO-C211
- INFO-C300
- INFO-C413

Graduate

Administrative Officers

Mark Hoyert, Ph.D., *Dean College of Arts and Sciences*
David Klamen, M.F.A., *Dean School of the Arts*

Jonathyne Briggs, Ph.D., *Associate Dean*
Kristin Huyksen, Ph.D., *Associate Dean*

Mary Hackett, *Director of Finance and Planning*

Sherri Sosh, *Courses and Contracts Manager*

Bhaskara Kopparty Rao, Ph.D., *Chair, CIS*
Patrick Johnson, Ph.D., *Coordinator, Communication*

Dan Kelly, Ph.D., *Chair, Chemistry*

Brian O'Camb, Ph.D., *Chair, English*

Scooter Pegram, Ph.D., *Director, MLS and Chair Modern Languages*

Axel Schulze-Halberg, Ph.D., *Chair, Mathematics*

Harold Olivey, Ph.D., *Chair, Biology*

Gianluca Di Muzio, Ph.D., *Chair, History, Political Science and Philosophy*

Website: www.northwest.iu.edu/coas/

Phone: (219) 980-6789

Overview

The College of Arts and Sciences offers multiple Masters degree programs.

Master of Liberal Studies

The Master of Liberal Studies (M.L.S.) program is unique. It does not provide a rigid schedule of courses or focus on one particular specialty. It is inherently interdisciplinary. It is designed for students who love to learn new ideas and discuss them with others. It is designed for students who are curious about the world – about art, literature, science, politics, human nature and history. It is for people who want to explore new worlds and who enjoy meeting others who want to join the expedition. It is designed for students who wish to combine several academic areas into one tailored degree program. Students select a sequence of graduate level courses to create their own path of study. It allows students to explore questions of enduring concern and contemporary urgency in the arts, humanities, behavioral sciences, social sciences, life sciences, and physical sciences. In doing so, the program provides students with opportunities to engage their curiosity in an intellectual exploration of the world of ideas. The rewards of the pursuit of knowledge go beyond intellectual satisfaction. Students will gain fresh perspectives and will hone the creative, critical thinking, decision making, analytical, and communication skills that are so valued in today's workplace. Uniquely among graduate programs, the M.L.S. helps students understand the broader context of their ideas, path of study, and fields of work, learn to analyze problems from a variety of perspectives, will stimulate students to find connections between their studies and their personal and professional lives, and encourages a lifelong commitment to learning, free inquiry and the life of the mind.

Master of Science in Computer Information Systems

The Master of Science in Computer Information Systems program is designed for students who desire to advance their careers in information technology. The Master of Science (MS) in Computer Information Systems (CIS) consists of 30 credit hours. A project/internship component of 3 credit hours is part of the core requirements. Students will complete all the core requirements of 18 credit hours and choose 12 credit hours of electives offered based on faculty expertise and market demands. A full-time student could complete the Master's degree in two years.

Master of Arts in English

This 100 percent online, consortial program is taught by IU Bloomington, IUPUI, IU East, IU Kokomo, IU Northwest, IU South Bend, and IU Southeast.

The IU Online Master of Arts in English provides broad training in the primary areas of English studies. As a student in the program, you explore the core principles of writing and literature pedagogy, the linguistic structure and history of English literature, and a wide variety of reading strategies associated with genre and close reading. You gain skills and knowledge to conduct archival research, develop analytical and presentation skills through the focused study of literature in a seminar format, and acquire an appreciation of current trends in the field of digital humanities.

Master of Arts in History

This 100-percent online program is taught by IU East, IU Bloomington, IUPUI, IU Kokomo, IU Northwest, IU South Bend, and IU Southeast.

By studying the past, we are better able to understand and communicate the importance of issues in our contemporary world. The IU Online Master of Arts in History explores geographic regions of the world in both modern and pre-modern time periods to identify historical actors, events of significance, and social movements. Gain graduate-level historical knowledge, critical thinking skills, and techniques for clear and persuasive writing. Learn to recognize historiographic trends and their meanings, perform research, and construct original historical arguments. Your studies will culminate in at least one semester-long research project of original scholarship.

Master of Arts in Political Science

This 100 percent online program is taught by IU East, IU Bloomington, IU Kokomo, IU Northwest, IU South Bend, and IU Southeast.

The IU Online Master of Arts in Political Science offers instruction in the approaches and methods political scientists use to analyze and explain political institutions and behavior.

Read, interpret, and evaluate literature in the political science discipline. Study the role of political science within the social sciences, the various methods used to build a body of knowledge, and the application of this knowledge to the political environment around you. Trace the influence of major theories and themes in political thought, and conduct empirical social science research.

Tailor your degree to your professional interests by choosing one of two tracks: World politics or American politics.

Master of Arts in Teaching- Biology

This 100 percent online, consortial program is taught by IU Bloomington, IU East, IUPUI, IU Kokomo, IU Northwest, IU South Bend, and IU Southeast.

The IU Online Master of Arts for Teachers in Biology combines coursework in education and biology to prepare you to be a dual-credit instructor at the high school and community college levels. The educational component of the program teaches you how to apply the science and art of teaching to college-level instruction. Coursework covers instruction and curriculum, assessment, diversity and inclusive teaching, and research.

Master of Arts in Teaching - Chemistry

This 100 percent online, consortial program is taught by IU Bloomington, IU East, IU Kokomo, IU Northwest, and IU Southeast.

The IU Online Master of Arts for Teachers in Chemistry combines coursework in education and chemistry to prepare you to be a dual-credit instructor at the high school and community college levels. The educational component of the program teaches you how to apply the science and art of teaching to college-level instruction. Coursework covers instruction and curriculum, assessment, diversity and inclusive teaching, and research.

Master of Arts in Teaching - French

This 100 percent online program is taught by IU Bloomington, IU East, IUPUI, IU Northwest, and IU Southeast.

The IU Online Master of Arts for Teachers in French combines coursework in education and French to prepare you to be a dual-credit instructor at the high school and community college levels. Deepen your proficiency in French through advanced graduate coursework and gain a comprehensive understanding of Francophone cultures and of French as a living language. Study and practice various language teaching methodologies, thereby improving your instructional skills and your students' learning outcomes.

Master of Arts in Teaching - History

This 100 percent online, consortial program is taught by IU Bloomington, IU East, IUPUI, IU Kokomo, IU Northwest, IU South Bend, and IU Southeast.

The IU Online Master of Arts for Teachers in History combines coursework in education and history to prepare you to be a dual-credit instructor at the high school and community college levels. The educational component of the program teaches you how to apply the science and art of teaching to college-level instruction. Coursework covers instruction and curriculum, assessment, diversity and inclusive teaching, and research.

Master of Arts in Teaching - Mathematics

This 100 percent online program is taught by IU East, IU Kokomo, IU Northwest, IU South Bend, and IU Southeast.

The IU Online Master of Arts for Teachers in Mathematics combines coursework in education and mathematics to prepare you to be a dual-credit instructor at the high school and community college levels. The educational component of the program teaches you how to apply the science and art of teaching to college-level instruction. Coursework covers instruction and curriculum, assessment, diversity and inclusive teaching, and research.

Master of Arts in Teaching - Political Science

This 100 percent online, consortial program is taught by IU Bloomington, IU East, IU Kokomo, IU Northwest, IU South Bend, and IU Southeast.

The IU Online Master of Arts for Teachers in Political Science combines coursework in education and political science to prepare you to be a dual-credit instructor at the high school and community college levels. The

educational component of the program teaches you how to apply the science and art of teaching to college-level instruction. Coursework covers instruction and curriculum, assessment, diversity and inclusive teaching, and research.

Graduate Certificates

Graduate certificates are available online in Biology, Chemistry, Communication Studies, Political Science, History, Spanish, Literature, Language and Literature and Mathematics. These 18 cr. certificates are designed for those who want to teach dual-credit courses and who need to meet Higher Learning Commission dual-credit qualification standards. These standards require teachers wanting to teach dual-credit courses to hold either a master's degree in their area of instruction or a master's degree in another discipline (such as education), plus at least 18 credit hours of discipline-specific graduate coursework.

Policies and Procedures

The general regulations and policies detailed in this bulletin apply to all students in the college's graduate and post-baccalaureate programs.

General Scholarship Rule

Any student who does not possess the necessary preliminary training or who lacks other qualifications may be required by the college to enroll in such courses designated by the college or other corrective actions as is necessary or desirable. The college may review a student's record at any time and take whatever actions seem necessary for the best interest of that student or the college. Any student whose work is unsatisfactory or whose conduct is unethical may be dismissed from the college.

Academic Regulations

Students must have their programs of study approved by the program director. Courses at the 300 or 400 level that are available to be taken for graduate credit as a graduate level class will include additional assignments beyond those required for undergraduate credit. Enrollment in such courses requires the approval of the instructor and of the program director. It is sometimes possible for a student to take a graduate level course at IUN or elsewhere that can count as an elective in the graduate program; permission for this must be given by the program director before the student registers. Students who have graduate course credits before they enroll in one of the graduate programs may have some credits transferred into the program, but such transfers of credits will not be considered until the student has demonstrated satisfactory progress in their current program. Courses used for another degree or certificate cannot also be used to satisfy graduate program requirements.

An average grade of B (3.0) is required for graduation, and no course with a grade lower than B-(2.7) will be counted toward the degree. Students are required to retain good academic standing, i.e., to maintain a GPA of at least 2.7. Failure to maintain good standing may result in dismissal from the program. Students whose GPA falls below 3.0 are considered to be on probation; they must earn at least

a B- in each of their next two classes with a 3.0 GPA in those two classes in order to continue in the program. Other academic regulations and policies are established by the Graduate Studies Committees of the College of Arts and Sciences. Students should consult their program director for further information.

Master of Liberal Studies Admission

Students are admitted to the Master of Liberal Studies program by the M.L.S. Committee of the College of Arts and Sciences. To be considered for admission, students must hold a bachelor's degree from an accredited institution and should have obtained an undergraduate grade point average of at least 3.0. Students with a GPA slightly below 3.0 for a recent degree may be admitted on probation, as well as students with a lower GPA who are returning to college after a long absence with a fresh motivation to learn. Students admitted on probation must earn at least a B- in each of their first two classes with a 3.0 GPA in order to continue in the program. The goal is to select applicants who can successfully complete graduate study and for whom the MLS program will prove to be enriching.

Learning Outcomes

Upon graduation, all MLS graduates from IU Northwest should be able to:

- Write at an advanced level, both professionally and academically in the discipline of their focused studies, as well as in general (which is a skill that they can use in their career)
- Have the capacity and ability to engage with their professional and scholarly peers and to present new ideas. This includes having the advanced ability to contribute new ideas and to connect with their peers and others in their classes and community.
- Deconstruct various theories and practices in order to create and answer critical questions based on a variety of different subjects in the Humanities or Sciences.
- Demonstrate ethical and effective oral and written communication, appropriate to chosen audience and context.
- Demonstrate all aspects of critical inquiries (both written and visual) that are concentrated on the historical, theoretical, and critical issues/subjects that pertain to the student's chosen disciplines of study in the liberal arts.
- Become advanced critical thinkers. This means, graduates will be able to identify, analyze, and evaluate important subjects and topics of their community and our world because of the various experiences and perspectives they obtained through the foundational disciplinary knowledge as discussed and presented in their courses.
- Become better citizens and leaders in their local community (and their career).

Academic Curriculum

The M.L.S. requires the completion of at least 11 courses (minimum of 33 credits). Early in their programs, students take a proseminar as introduction to graduate liberal studies and interdisciplinary methodology, and at least three core seminars, one each in the humanities, the sciences, and the social sciences. Seminars combine detailed study of a particular topic with a broad interdisciplinary examination of ways of understanding. The M.L.S. program draws on faculty with diverse expertise to explore topics through a multidisciplinary approach. The program is designed to allow students flexibility to fashion a course of study that blends their interests, talents and experience. Students, under guidance of their faculty advisor, may choose graduate courses and seminars in a variety of disciplines within the College of Arts and Sciences. If the student chooses, the program can culminate with a thesis or alternative project that will grow out of the information and methodologies acquired throughout the course work.

Proseminar (required)

- LIBS D510 Introduction to Graduate Liberal Studies (3 cr.)

Core Seminars (all three required)

Each of the core courses is a graduate seminar combining detailed study of particular topics with broad interdisciplinary perspectives. These courses give students the opportunity to explore the connections that exist among the diverse discipline and perspectives that define contemporary knowledge. Students may repeat core seminars (each may be taken up to two more times with a different topic).

- LIBS D501 Humanities Seminar Core Seminar (3 cr.)
- LIBS D502 Social Sciences Seminar Core Seminar (3 cr.)
- LIBS D503 Science Seminar Core Seminar (3 cr.)

Electives (no specific requirements)

Electives offer students a wide variety of choices with which to create programs of study suited to their individual interest. These elective courses may be selected to build support and background for the graduate project, or to enable students to more ably participate in the public intellectual, artistic, and cultural life of their communities.

- LIBS D511 M.L.S. Humanities Elective (3 cr.) may each be repeated (with different topics) as many times as needed to complete the students' goals
- LIBS D512 M.L.S. Social Science Elective (3 cr.) may each be repeated (with different topics) as many times as needed to complete the students' goals
- LIBS D513 M.L.S. Science Elective (3 cr.) may each be repeated (with different topics) as many times as needed to complete the students' goals
- LIBS D514 Graduate Liberal Studies Overseas Study (max 6 cr.)
- LIBS D594 Liberal Studies Directed Readings (max 6 cr.)
- LIBS D596 Liberal Studies Independent Research (max 6 cr.)

- M.L.S. students may take no more than a total of 6 credit hours of D594 and D596 combined.
- LIBS D501 Humanities Seminar Core Seminar (3 cr.)
- LIBS D502 Social Sciences Seminar Core Seminar (3 cr.)
- LIBS D503 Science Seminar Core Seminar (3 cr.)

Independent Research / Creative Activity Option

The Independent Research/Creative Activity Option offers students the opportunity to work closely with a faculty committee and to complete a final project designed around their unique interests. Students must take 12 credits of electives and then successfully complete their program with a graduate project. The graduate project is an independent scholarly enterprise in which the student demonstrates mastery of a specific topic. Examples include a thesis, a computer program, a translation of a work of literature, or an artistic composition or performance.

Requirement

- LIBS D601 M.L.S. Project Proposal Seminar (3 cr.)
- LIBS D602 Graduate Project (3-6 cr.)

Public Intellectual Option

Upon completion of two additional core seminars and 12 credits of electives, the Public Intellectual Option offers students the opportunity to work within a learning community made up of other students and led by a faculty facilitator to explore the variety of genres through which public intellectuals communicate, and to create their own portfolio of public intellectual work to be submitted for completion of the M.L.S. degree. The public intellectual coursework must be taken at IU Northwest.

Requirement

- LIBS D600 Public Intellectual Practicum (3 cr.)

Master of Liberal Studies (Online)

The Master of Liberal Studies will provide graduate-level instruction in the arts and humanities, social sciences, and natural sciences in an interdisciplinary manner to students interested in obtaining advanced skills and knowledge in these areas. These students may include those interested in a multi-disciplinary approach to a thesis topic; or, they may include instructors at community colleges, and high school dual-credit and international baccalaureate teachers, among others. For those students who are teaching or plan to teach introductory post-secondary mathematics, English, or speech communication, certificate courses will help them integrate new concentration-specific concepts and approaches into their teaching, thereby improving the quality of instruction and learning outcomes for their students.

These graduate certificates that can be “stacked” with this Master’s degree allow instructors of introductory college-level mathematics, English, and/or speech communications to partially meet the requirements of many post-secondary institutions for their faculty. These requirements usually include a master’s degree in the discipline, or a master’s degree in another field (e.g., education) plus 18 hours in the discipline. With the

increased attention that the Higher Learning Commission and other accrediting bodies are giving to the issue of faculty qualifications, current faculty are seeking ways to meet the requirement.

Learning Outcomes

Upon graduation, all MLS graduates from IU Northwest should be able to:

- Write at an advanced level, both professionally and academically in the discipline of their focused studies, as well as in general (which is a skill that they can use in their career)
- Have the capacity and ability to engage with their professional and scholarly peers and to present new ideas. This includes having the advanced ability to contribute new ideas and to connect with their peers and others in their classes and community.
- Deconstruct various theories and practices in order to create and answer critical questions based on a variety of different subjects in the Humanities or Sciences.
- Demonstrate ethical and effective oral and written communication, appropriate to chosen audience and context.
- Demonstrate all aspects of critical inquiries (both written and visual) that are concentrated on the historical, theoretical, and critical issues/subjects that pertain to the student’s chosen disciplines of study in the liberal arts.
- Become advanced critical thinkers. This means, graduates will be able to identify, analyze, and evaluate important subjects and topics of their community and our world because of the various experiences and perspectives they obtained through the foundational disciplinary knowledge as discussed and presented in their courses.
- Become better citizens and leaders in their local community (and their career).

Admission Requirements

For regular admission, students must:

- Provide a transcript from an accredited institution that shows a completed undergraduate degree with a cumulative GPA of 3.0 or above. Students who do not meet this GPA standard may contact the Director of the M.L.S. program at the intended campus enrollment to discuss options for special consideration.
- GRE scores (taken within the past five years).
- Two letters of recommendation from individuals familiar with your academic work and/or potential to succeed in graduate level coursework.
- In-person or video Interview with the Director of the M.L.S. program at the IU campus of intended enrollment.

Applications will be accepted on a rolling basis, but to assure timely enrollment, students should apply by August 10th for the fall semester and January 2nd for the spring semester.

Applications may be obtained through the master's in liberal studies office at Crestview Hall 018B or by calling (812) 941-2604 or (812) 941-2668 or on the Web site.

Degree Requirements

To earn the Master of Liberal Studies students will need to complete 34-36 credit hours of graduate coursework and satisfy the following M.L.S. degree requirements.

1. M.L.S. Core (12-13 cr) to include:

- A. LBST-D 510 Introduction to Graduate Liberal Studies (3cr), AND
- COAS-Q 510 Topics in Information Literacy (1 cr) (Q510 waived for certificate students by petition)
- B. LIBS/LBST D501 Humanities Seminar (3 cr)
- C. LIBS/LBST D502 Social Science Seminar (3 cr)
- D. LIBS/LBST D503 Science Seminar (3 cr)
- *(Q510 waived for certificate students by petition)

2. M.L.S. Electives (12-20 cr)

Option A: Four to Five M.L.S. Elective courses selected from (12-15 cr)

- 1) LIBS/LBST D511 M.L.S. Humanities Elective (3 cr)
 - 2) LIBS/LBST D512 M.L.S. Social Science Elective (3 cr)
 - 3) LIBS/LBST D513 M.L.S. Science Elective (3 cr)
- Option B: Completion of an approved IU Graduate Certificate (18-20 cr)

The M.L.S. is designed to be "stackable" with IU Graduate Certificates. In practice this means students are eligible to apply the 18-20 credit hours of certificate credits towards satisfaction of the M.L.S. elective requirement. Students interested in "stacking" the M.L.S. with an IU Graduate Certificate may enter the M.L.S. after completing an IU Graduate Certificate or they can apply for admission to the M.L.S. while continuing to work towards completion of the certificate. The certificate is a stand-alone credential with separate admission procedures and will be awarded when requirements are completed independent of a student's progress in the M.L.S. An M.L.S. stacked with an IU Graduate Certificate will require a minimum of 34 graduate credits hours, including the 13 credit M.L.S. core and at least 3 credit hours earned for the M.L.S. capstone project.

**Graduate Certificates approved to stack with the collaborative M.L.S. include:

- 1) English Composition Studies,
- 2) German,
- 3) History,
- 1) Biology
- 2) Chemistry
- 3) Communication Studies
- 4) English Composition Studies
- 5) German
- 6) History
- 7) Language and Literature
- 8) Literature
- 9) Mathematics
- 10) Political Science
- 11) Spanish

3. M.L.S. Capstone Experience/Project (3-9 cr)

Capstone Experience Options

Formal Thesis (6-9 cr). Original research or analysis encompassing literature from at least 2 different disciplinary perspectives. The thesis must be written in scholarly format, with the appropriate citation format and extensive references. The literature review developed for the thesis proposal should serve as the initial component of the thesis. Typical thesis length: 50 or more pages.

Required course sequence for Thesis:

LBST-D 601 Graduate Project Proposal Seminar or LIBS-D 601 M.L.S. Project Proposal Seminar (3 cr); and LBST-D 602/LIBS-D 602 Graduate Project or LBST-D 604 Thesis (3-6 cr).

Peer-Reviewed Publication. Students may focus their capstone project work on a peer-reviewed publication in a peer-reviewed publication in a professional forum. Examples include articles in professional journals, investigative journalism published in a major newspaper, or a book published by a reputable press. The publication must be accompanied by an explanatory essay encompassing material from at least 2 different disciplinary perspectives. The essay must be written in scholarly format, with appropriate citation format and appropriate references. The literature review developed for the thesis proposal may serve as the basis of the explanatory essay. Typical length of explanatory essay: 20 to 35 pages.

Required course sequence for Peer-Reviewed Publication: LBST-D 601 Graduate Project Proposal Seminar or LIBS-D 601 M.L.S. Project Seminar (3 cr); and

LBST-D 602/LIBS-D 602 Graduate Project (3-6 cr).

Creative Project. Students who are focusing their M.L.S. program on a creative field may complete a creative project for their M.L.S. thesis. Creative work may include writing, art, performance, etc. The creative work must be accompanied by an explanatory essay encompassing material from at least 2 different disciplinary perspectives. The essay must be written in scholarly format, with appropriate citation format and appropriate references. The literature review developed for the thesis proposal may serve as the basis of the explanatory essay. Typical length of explanatory essay: 20 to 35 pages.

Required course sequence for Creative Project:

LBST-D 601 Graduate Project Proposal Seminar or LIBS-D 601 M.L.S. Project Proposal Seminar (3 cr); and LBST-D 602/LIBS-D 602 Graduate Project (3-6 cr).

4) Applied Project. Students may focus their research project on their current place of employment, internship, or practicum. The applied project should be designed to benefit both the student and the employer and can be focused narrowly on a specific issue or problem relevant to the employer. Complete literature review and effectively designed method will support the value of the project. Typical length: 50 or more pages.

Required course for Applied Project: LBST-D/LIBS-D 602 Graduate Project (3 cr).

5) Public Intellectual Project. The Public Intellectual option offers students the opportunity to work within a learning community made up of other students and led by a faculty facilitator to explore the variety of genre through which

public intellectuals communicate, and to create their own portfolio of public intellectual work to be submitted for completion of the M.L.S. degree.

Required Course for Public Intellectual Project: LBST-D 600 Public Intellectual Practicum (3 cr).

M.S. in Computer Information Systems (CIS) Program Description and Admission

The Master of Science in Computer Information Systems program is designed for students who desire to advance their careers in information technology. The Master of Science (MS) in Computer Information Systems (CIS) consists of 30 credit hours with a minimum grade of B- in each course and a 3.0 overall GPA. A project/internship component of 3 credit hours is part of the core requirements. Students will complete all the core requirements of 18 credit hours and choose 12 credit hours of electives offered based on faculty expertise and market demands. The department may offer additional electives from time to time. A full-time student could complete the Master's degree in two years.

To be considered for admission to the MS in CIS program, students must hold a bachelor's degree from an accredited institution in any field. If the field of major is related to CIS, students are eligible to be admitted directly into the graduate program. If the field of major is not related to CIS, students will be admitted conditionally.

Students should have obtained an undergraduate grade point average of at least 3.0. Students with a GPA slightly below 3.0 who are returning to college with relevant work experience may be admitted if their applications contain sufficient evidence of their skills and ability to succeed in graduate work.

Graduate Record Examination (GRE) scores are not required. Applications will be reviewed on a rolling basis.

**For questions, contact: Dr. Bhaskara Kopparty,
Computer Information Systems Department:
219-980-6638, or come visit us: Hawthorn Hall, Room 325.**

Program Objectives and Goals

The objective of this program is to prepare graduates with a sound basic understanding of computers coupled with knowledge of systems and applications in computer science. The coursework will cover advanced applications and will prepare students for employment at an advanced level.

Graduates from the MS in CIS program will be informed critical thinkers, be proficient in their chosen medium, and have advanced knowledge of computer information systems.

This Master's degree can prepare students for continued advance study, including doctoral degrees in computer science or informatics. Students with a Bachelor's degree will find the MS in CIS as a path to advanced employment in a number of IT related occupations, such as business analyst, data analyst, information security analyst, computer and information systems analyst, and project manager. Each of these occupations currently is in high demand.

The goals of this Master's degree are to develop proficiency in the practice of computing and to prepare students for professional leadership roles. Each graduate should be able to:

- Formulate solutions to computing problems
- Analyze and compare alternative solutions to computing problems
- Design and implement effective solutions to computing problems
- Apply sound principles to the synthesis and analysis of computer systems
- Work effectively in teams to design and implement solutions to computational problems
- Communicate effectively, both orally and in writing
- Think critically and creatively, both independently and with others
- Recognize the social and ethical responsibilities of a professional working in the discipline
- Seek out, develop, and adapt to new developments in the field of computer science

Curriculum

Core Courses – 18 credit hours

- Introduction to Artificial Intelligence (CSCI B551) – 3 credit hours
- Information Systems Development (CSCI P532) – 3 credit hours
- System and Protocol Security & Information Assurance (INFO I533) – 3 credit hours
- Advanced Web Page Development (CSCI C605)– 3 credit hours
- Informatics Project Management (INFO B505) – 3 credit hours
- Independent System Development (CSCI Y790) – 3 credit hours

Elective Courses – 12 credit hours

Electives: At least half of all Elective credits must be in courses numbered 600 or above.

- Data Analysis Using R (CSCI C504) – 3 credit hours
- Business Intelligence Using SAP (CSCI C603) – 3 credit hours
- Predictive Analytics and Data Mining (CSCI B565) – 3 credit hours
- UNIX/LINUX Administration (CSCI C606)– 3 credit hours
- Topics in Systems (CSCI B649) - 3 credit hours

M.A. in English (Online)

This 100 percent online, consortial program is taught by IU Bloomington, IUPUI, IU East, IU Kokomo, IU Northwest, IU South Bend, and IU Southeast.

The IU Online Master of Arts in English provides broad training in the primary areas of English studies.

As a student in the program, you explore the core principles of writing and literature pedagogy, the linguistic structure and history of English literature, and a wide variety of reading strategies associated with genre and close reading. You gain skills and knowledge to conduct archival research, develop analytical and presentation skills through the focused study of literature in a seminar

format, and acquire an appreciation of current trends in the field of digital humanities.

The MA in English has a two-part "stackable" structure.

- You first complete an online, 20 credit hour graduate certificate in literature, composition studies, or language and literature. The certificate allows you to acquire specialized knowledge.
- After you successfully complete one of the certificates, you take an additional 16 credits of master's-level coursework that extends the breadth and depth of your knowledge.

Of Special Interest for Dual-Credit and Community College Instructors Needing to Meet HLC Standards

The stackable structure of the MA in English is ideal for dual-credit and community college teachers who need to meet the Higher Learning Commission's instructor qualification standards. These standards require teachers to hold either a master's degree in their area of instruction or a master's degree in another discipline plus at least 18 credit hours of discipline-specific graduate coursework.

- If you hold a master's degree in a discipline other than your discipline of instruction, you can meet HLC's standards by completing one of the online certificates.
- If you need both discipline-specific coursework and a master's degree, the MA in English meets HLC standards and provides a comprehensive program of study in English.

Degree Requirements

To earn the MA in English, you must complete a total of 36 credit hours.

Requirements are broken down as follows:

- English graduate certificate (20 credit hours)
- MA core courses (8 credit hours)
- MA elective courses (8 credit hours)

For more information on the MA in English see <https://online.iu.edu/program/indiana-university-online-english-master-1554222813478>.

Master of Arts in Teaching (Online)

The IU Online Master of Arts for Teachers combines coursework in education and a specific discipline to prepare you to be a dual-credit instructor at the high school and community college levels.

M.A.T. in Biology M.A.T. in Chemistry M.A.T. in French M.A.T. in Computer Science M.A.T. in History

M.A.T. in Mathematics
M.A.T. in Political Science

English Graduate Coursework

The selection of courses for graduate programs in English at Indiana University Northwest must be done with departmental graduate counselors in the School of Education.

Graduate Certificates in English (Online)

These 100 percent online, consortial graduate certificates are taught by IU Bloomington, IUPUI, IU East, IU Kokomo, IU Northwest, IU South Bend, and IU Southeast.

There are three graduate certificates in English that provide graduate-level instruction in English to students interested in obtaining advanced skills and knowledge in this discipline. For those students who are teaching or plan to teach introductory post-secondary language, writing, and literature courses in English or Dual-Credit classes, our courses will help them integrate disciplinary concepts and approaches into their teaching, thereby improving the quality of instruction and learning outcomes for their students.

Of Special Interest for Dual-Credit and Community College Instructors Needing to Meet HLC Standards

The stand-alone Certificate in Composition Studies provides the requisite number of discipline-specific graduate credits for those who already hold a master's degree. Students who need both the discipline-specific coursework and a master's degree may take the additional required English graduate classes to earn a master's in English.

Students may complete the requirements for a Graduate Certificate in English in one of three competency areas.

Online Graduate Certificate in Literature

Students must take one course in each of the numbered requirements.

1. ENG L503—Teaching Literature in College.
2. ENG L553—Studies in Literature.
3. ENG D600—History of the English Language.
4. ENG L500/600—Literature Elective.
5. ENG L500/600—Literature Elective.

Electives may be repeated for credit so long as they are on a different topic.

Online Graduate Certificate in Language and Literature

Students must take one course for each of the numbered requirements.

1. ENG W509—Introduction to Writing and Literary Studies **or** ENG W500—Issues in Teaching Writing and Literature.
2. ENG L503—Teaching Literature in College.
3. ENG D600—History of the English Language.
4. ENG W600—Topics in Rhetoric or Composition **or** ENG W682—Special Topics: Rhetoric and Composition **or** ENG W508—Creative Writing for Teachers.
5. ENG L500/600—Literature Elective.

Online Graduate Certificate in Composition Studies

Students must take one course for each of the numbered requirements.

1. ENG W509—Introduction to Writing and Literary Studies **or** ENG W500—Issues in Teaching Writing and Literature.
2. ENG G660—Stylistics.
3. ENG W590—Teaching Writing: Theories and Applications **or** ENG W620—Advanced Argumentative Writing.
4. ENG W501—Teaching College Writing **or** ENG W600—Topics in Rhetoric and Composition.
5. ENG W682—Capstone course.

For more information on the Graduate Certificates in English see:

<https://online.iu.edu/degrees/composition-studies-graduate.html><https://online.iu.edu/degrees/language-and-literature-certificate.html><https://online.iu.edu/degrees/literature-certificate.html>

Graduate Certificate in Communication Studies (Online)

The graduate certificate in Communication Studies is taught consorcially by IUPUI, IU East, IU Kokomo, IU Northwest, IU South Bend, and IU Southeast.

The IU Online Graduate Certificate in Communication Studies provides graduate-level instruction in communication strategies, practices, and techniques. It teaches practical communication skills needed in professional, academic, and personal contexts, such as presenting information, arguing a position, promoting a cause, presenting information via social media, designing targeted messages, and managing relations and conflicts.

Of Special Interest for Dual-Credit and Community College Instructors

In addition to providing a program of study in communication studies at the graduate level, the IU Online Graduate Certificate in Communication Studies meets the Higher Learning Commissions (HLCs) instructor qualification standards, which require instructors to hold a master's degree in their area of instruction or a master's degree in another discipline, plus a minimum of 18 credit hours of discipline-specific graduate coursework.

This stand-alone certificate provides the HLCs requisite number of discipline-specific graduate credits for those who already hold a master's degree.

Your IU Online Graduate Certificate in Communication Studies prepares you for such careers as:

- Communication dual-credit teacher (high school)
- Communication instructor (community college)
- Communication professional in an organization or institution

Certificate Requirements

To earn the Graduate Certificate in Communication Studies, you must complete 18 credit hours.

Requirements are broken down as follows:

- Communication pedagogy course (3 cr. hours)
- Communication in context courses (9 cr. hours)
- Communication in media course (3 cr. hours)
- Communication elective course (3 cr. hours)

For more information on the Graduate Certificate in Communication Studies see <https://online.iu.edu/degrees/communication-studies-graduate-certificate.html>.

Graduate Certificate in Computer Science (ONLINE)

The graduate certificate in Computer Science is taught consorcially.

This six-course curriculum is designed to promote excellence in computer instruction to help dual credit instructors meet their professional goals, and in turn, to improve the learning outcomes and classroom experiences of their beginning Computer Science

students. The six-courses required for the Graduate Certificate in Computer Science are identical to the computer science component in M.A.T. in Computer Science. Certificate students can stack their computer science coursework into the M.A.T. should they opt to pursue the master's degree.

Requirements

To earn the IU collaborative Graduate Certificate in Computer Science students must complete the following six courses:

Computer Science Component (18 credit hours)

- CSCI-T 500 CS Foundations
- CSCI-T 510 Introduction to Computing and Programming
- CSCI-T 520 Introduction to Software Systems
- INFO-T 530 Introduction to Informatics
- CSCI-T 540 Introduction to Data Science
- CSCI-T 550 Introduction to Cybersecurity

Graduate Certificate in Mathematics (Online)

This 100 percent online program is taught by IU East, IU Kokomo, IU Northwest, IU South Bend, and IU Southeast. This consorcial model allows you to take coursework from multiple campuses and benefit from the expertise and experience of a diverse faculty.

The Graduate Certificate in Mathematics provides graduate-level instruction in mathematics to students interested in obtaining advanced skills and knowledge in this area.

These may include instructors of finite mathematics, calculus and other introductory college-level mathematics courses. The certificate curriculum provides the knowledge and expertise needed to integrate new mathematical concepts and approaches into teaching.

Of Special Interest for Dual-Credit and Community College Instructors

The Higher Learning Commission (HLC) requires all high school teachers who teach dual-credit or other college-level courses to hold a master's degree in the field, or to have a master's degree in another area (such as education), plus at least 18 credit hours of graduate coursework in the discipline. The Graduate Certificate in Mathematics provides these 18 discipline-specific credit hours.

Certificate Requirements

To earn the Graduate Certificate in Mathematics, you must complete 18 credit hours. Requirements are broken down as follows:

- Mathematics core courses (9 credit hours)
- Mathematics elective courses (9 credit hours)

You choose courses from the following areas of study: algebra, analysis, topology and geometry, differential equations and applications, and probability and statistics.

For more information on the Graduate Certificate in Mathematics see <https://online.iu.edu/degrees/mathematics-graduate.html>.

Postbaccalaureate Certificates

The College of Arts and Sciences offers postbaccalaureate certificates in three areas: Community Development and Urban Studies (contact Department of Minority Studies at 219-980-6629), Computer Information Systems (contact Department of Computer Information Systems at 219-980-6638), and Race-Ethnic Studies (contact Department of Minority Studies at 219-980-6629). The certificates are designed for mature students seeking career changes, career development, or lifelong learning objectives. The postbaccalaureate certificate options are open to anyone holding a bachelor's degree from an accredited college or university. Students will receive instructions in the major certificate subject area and selected courses in Arts and Sciences related areas.

The complete range of academic counseling, career counseling, and placement services are available to postbaccalaureate certificate students (consult the *IU Northwest Undergraduate Bulletin* for details)

College of Health and Human Services

Administrative Officer

Crystal C. Shannon Ph.D., RN, CNE, NHBP-BC,
Associate Professor of Nursing and Dean

Website: www.northwest.iu.edu/chhs/
Telephone: (219) 980-6555

Admission

Admission to most of the College of Health and Human Services programs requires a separate application and admission process. See program specific details.

The admission policies of individual programs within the College comply with the following standards:

- Prerequisite Course Work
- Grade Requirements
- Repeated Courses
- Ineligibility
- Students with Disabilities
- Essential Abilities
- Admissions Procedures
- Transfer Credit
- Disciplinary Probation

Prerequisite Course Work

Applicants must complete prerequisite courses at an accredited high school (or by GED equivalent), college, or university. Individual programs determine the specific courses and the minimum grade that must be achieved in any course (see specific program information). Each program must approve the completion of a prerequisite course with a Pass/Fail grade. Applicants should read the admission policies and program descriptions in this bulletin for specific admission requirements.

Grade Requirements

Without exception, applicants must have a cumulative grade point average of at least 2.0 on a 4.0 scale for *all* course work completed at Indiana University and/or any other college or university. Some programs have established a minimum grade point average higher than

2.0 on a 4.0 scale. Some programs also use a component of the overall grade point average (for example, math/science grade point average). See specific program information. Only completed course work and the resultant grade point average are evaluated. Students may not be admitted to, hold a position in, or begin a program if they are on probation. Students are placed on probation when the cumulative and/or semester grade point average falls below a 2.00 on a 4.00 scale.

The applicant must also maintain the minimum grade point average as established by the program. The applicant's grade point average will be the major consideration for admission. See specific program information.

Repeated Courses

Programs in the College of Health and Human Services have specific policies governing repeating of courses. See program specific information.

Ineligibility

Failure to successfully complete certain General Education courses may make a student ineligible for admission to College of Health and Human Services programs. A pattern of course withdrawals may reduce the student's chances of admission to a College of Health and Human Services program. See program specific information.

Individuals convicted of sexual crimes will be ineligible for admission to most College of Health and Human Services programs. Should such a situation occur during enrollment in the program, decisions related to dismissal will be addressed on a case-by-case basis.

Essential Abilities

Most academic programs in the College of Health and Human Services have specified essential nonacademic abilities critical to the success of students enrolled in that program. Once admitted to an academic program, students are expected to meet program standards for these essential abilities in order to participate in the educational program. Copies of each program's essential abilities are available upon request from the program office. Modifications in the learning environment to assist students in meeting these essential abilities and all other progression requirements will be made in accordance with federal and university guidelines and in consideration of individual needs. For more information contact the specific program office.

Admission Procedures

1. Individuals must read the program-specific sections in this bulletin for additional admission requirements and deadlines.

2. Individuals seeking admission to a professional program must submit a complete application prior to the program's application deadline. Admission to the professional program is competitive; application for admission to the university does not constitute automatic admission to a program.

3. Applicants who are not Indiana University students must also file an Indiana University application and pay the application fee prior to the program application deadline. Applications for admission to Indiana University can be obtained from the Office of Admissions on the

campus of interest. Some campuses may have application deadlines.

4. The program's admission committee reviews all completed applications. The selection of a class is based on school and program admission criteria. All applicants receive written notification of their admission status.
5. Applicants may appeal any admission decision except the minimum requirement of a grade point average of 2.0 on a 4.0 scale. Copies of the policies and procedures governing the appeals process are available on request from the programs' administrative offices.
6. Individuals interested in being admitted to one of the school's programs should contact the program of interest annually for an update of admission criteria.
7. Applicants must obtain an application for the year in which they wish to apply.
8. Applicants should check the current program application for the deadlines for submission.
9. Students who have a positive criminal history may be ineligible for admission, unable to be placed clinically (and thus unable to progress through the program), or unable to obtain appropriate credentials to practice in some disciplines. Contact the program director for further information.
10. A student whose name appears on the Sex Offenders List will not be allowed to pursue admission to any program in the College of Health and Human Services.
11. Programs may calculate the competitive grade point average utilizing grades earned in remedial courses differently. See the program-specific section.

Transfer Credit

The campus Office of Admissions will determine acceptance of credit from a regionally accredited college or university for transfer to Indiana University. Each program in the College of Health and Human Services retains the right to determine the acceptability of transfer credit to meet degree requirements.

While the grades from *all* course work completed at Indiana University and all other colleges and universities are used to calculate the *admission grade point average*, only grades of C or above will be considered for transfer. The university does not accept the transference of special credit by examination awarded by another college or university. The transfer of credit earned through a regionally accredited junior college or a community college is normally limited to the equivalent of two years of academic work toward a baccalaureate degree and one year of academic work toward an associate degree.

Students with Disabilities

Persons who have physical, mental, or learning impairments are encouraged to work with academic counselors to plan how the applicant can be helped to meet essential program requirements. The person with disabilities must meet academic requirements and technical standards that are essential to the program of instruction or to any directly related licensing requirements. Modifications in the means by which academic requirements are met will be given individual consideration. Students can also contact the Office

of Student Support Services, Hawthorn Hall at (219) 980-6941.

Disciplinary Probation

Disciplinary probation is administered according to the *Code of Student Rights, Responsibilities, and Conduct and the College of Health and Human Services Disciplinary and Appeals Process*.

Policies & Procedures

General Policies

Student Responsibility

Students in the College of Health and Human Services are responsible for planning their own programs, meeting degree requirements, and receiving academic advising from their respective program advisor each semester. Academic counselors, faculty, and administrators are available to assist students in understanding degree requirements. It is important for students to acquaint themselves with all regulations and to remain properly informed throughout their studies. All provisions of the bulletin are in effect for the year in which the student enters the major. Students interrupting their studies, pursuing part-time study, or full-time students taking more than one year to complete prerequisite requirements are subject to policy and curriculum changes as they occur. Curriculum changes during the progress toward the degree may result in revision of degree requirements.

Drug-free Campus

Students are prohibited by Indiana University to use or possess alcoholic beverages, any drug or controlled substance, or drug paraphernalia on university property or in the course of a university activity or student organization activity. Students are responsible for acquainting themselves with this policy and the sanctions for violation of the policy.

Professional Liability Insurance

All students in the College of Health and Human Services having patient/client contact will be covered under the malpractice contract for Indiana University. This liability insurance will not extend to employment outside of course-related activities. The student should be aware that failure to pay course and other fees will result in non-coverage under the malpractice contract of Indiana University. Such non-coverage makes the student ineligible to attend clinical classes. Some programs may require additional professional liability insurance; see specific program policies.

Standards of Conduct

Students are subject to the standards of conduct as defined in Indiana University's *Code of Student Rights, Responsibilities, and Conduct*. Stated due process will be followed for any student found to be in violation of this code. All Indiana University students are responsible for acquainting themselves with and adhering to policies outlined in this document. Additionally, all students are expected to adhere to the College of Health and Human Services Honor Code of Professional Conduct. The CHHS Code can be found at: http://www.northwest.iu.edu/chhs/docs/chhs_code_conduct.pdf.

Dress Code

In clinical courses, students wear the designated uniform of the program. All students wear the designated photo identification badge when in a clinical agency. Students not appropriately attired may be asked to leave the clinical area by their instructor. Such an occurrence constitutes an absence. See program information for program-specific policies.

Drug Screen

Clinical sites may require students to have a drug screen prior to attending clinical at their agency, or may require one on demand in certain situations. Failure to comply immediately will result in removal from the site and possible dismissal from the program. Additionally, a positive drug screen may prevent students from being able to be placed in a clinical agency. See program information for program-specific policies.

Health Requirements

Students in many College of Health and Human Services programs are required to show proof that they have met the immunization, physical examination, and laboratory examination requirements of hospitals and other health agencies used for clinical experiences, as well as CPR certification. Specific instructions will be distributed prior to clinical assignment. Failure to meet those health requirements will make the student ineligible for clinical classes. See program information for program-specific policies.

Criminal History Check

Many of the clinical sites where College of Health and Human Services students complete their hands-on clinical experiences (such as hospitals, clinics, and other agencies) require verification of having undergone a criminal background check before students can be placed in their organizations. Failure to meet this requirement will make the student ineligible for clinical classes. It is possible that a positive criminal history may prevent students from progressing in a College of Health and Human Services program. See program information for program-specific policies.

Transportation

Students are to provide their own transportation for educational experiences requiring travel. Classes and clinical facilities are distributed in various locations throughout Northwest Indiana and the Chicago area, with limited public transportation. Students using cars for clinical must be able to show proof of auto insurance that is compliant with Indiana law. In addition, the student must show proof of a valid driver's license. Indiana University does not assume liability for individual incidents involving personal vehicles.

Policies & Procedures

Admission to the College of Health and Human Services programs requires a separate application and admission process. The admission policies of individual programs within the College comply with the following standards.

Disciplinary Probation

Disciplinary probation is administered according to the *College of Health and Human Services Disciplinary and Appeals Process*.

Absences

Loss of time in any one clinical area may require that the student repeat the course. Faculty will distribute program-specific absence policies.

Audit Students

An audit student officially registers for a class and pays applicable credit hour rates. Upon completion, the course is entered on the permanent university record as one taken for no credit (NC). Check with your academic counselor for specific instructions. Required general education courses taken for NC will not apply toward completion of program requirements. Students may not audit any clinical course. The opportunity to audit a didactic course is dependent on the availability of space and permission of the instructor.

Class Standing

Within Indiana University, class standing is based on the total number of credit hours a student has earned. However, within a program, class standing is assigned according to a student's progress in the professional curriculum.

Completion of Degree Requirements

The program records specialist must receive removal of all Incomplete and deferred grades, special credit, and Independent Study course grades no later than three weeks prior to the end of classes of the student's last semester before graduation.

Cumulative Grade Point Average

All work attempted at Indiana University is used to calculate the cumulative grade point average. Courses transferred from another institution are not included for calculation in the cumulative grade point average. However, the pre-program grade point average is calculated by including all (transfer and IU) courses used toward the degree.

Dismissal

Upon the recommendation of the faculty in the student's program, a student may be dismissed from the College of Health and Human Services. Dismissal is based on the failure to meet academic or professional standards. The student will be informed of the dismissal in writing by the dean of the College of Health and Human Services or the dean's representative.

A student in the College of Health and Human Services may be dismissed from the school when, in the judgment of the faculty, the student has ceased to make satisfactory progress toward a degree. When an undergraduate student fails to attain a C (2.0) grade point average in any two consecutive academic sessions, has a cumulative grade point average below C (2.0) for two consecutive sessions, or fails to earn higher than a D (1.0) grade point average in any one semester or has a pattern of withdrawal from professional courses, the student is automatically considered to be making unsatisfactory progress toward a degree and is thereby eligible for dismissal.

In addition, a student who fails to meet program-specific academic requirements is considered not to be making satisfactory academic progress toward a degree and may be dismissed. At the time of initial enrollment, each

student receives a copy of the program-specific academic requirements.

A student failing to meet the standards of professional and personal conduct may also be recommended for dismissal.

Honors

The College of Health and Human Services offers the following honors to recognize superior student performances. In addition, see specific program information.

Degrees Awarded with Distinction

To graduate with academic distinction, degree candidates must rank within the highest 10 percent of the graduating class. Additionally, baccalaureate degree candidates must have completed a minimum of 60 credit hours at Indiana University. Academic distinction is conferred on graduates as follows:

- 3.83 - 4.00 Highest Distinction
- 3.66 - 3.82 High Distinction
- 3.50 - 3.65 Distinction

Distinction is based on course work completed at Indiana University, including the final semester.

Dean's List

Full time students at IU Northwest who earned a 3.3 grade point average or higher for the semester and part time students who earned a 3.3 grade point average or higher carrying 12 credit hours or more during the regular academic school year are placed on the Dean's List.

Programs have specific policies regarding reinstatement or reenrollment of students who have withdrawn or are dismissed. See program specific information.

Intercampus Transfers

Students in good academic standing may seek intercampus transfer by petitioning the faculty on the campus of desired transfer at least one semester in advance of requested transfer. Intercampus transfer requests will be evaluated individually on the basis of student record review and the availability of course positions, faculty, and facilities to meet student needs and program objectives.

Probation

Upon the recommendation of the faculty in the student's program, a student is placed on probation. Probationary recommendations are made when the student does not meet standards of academic performance or professional behavior. A student will be placed on academic probation for the academic session following the one in which the student fails to attain a minimum C (2.0) cumulative and semester grade point average. Individual programs may have additional academic and professional standards. A student who fails to meet these program-specific standards may also be placed on probation. Students are informed of program-specific standards upon entering the program. A student will be removed from probation after satisfactorily completing the program's specified requirements. Students are notified in writing of probationary actions by the College of Health and Human Services dean or the dean's representative.

Residency Requirement

A minimum of 51 percent of the required courses must be completed at Indiana University. Courses assigned to the Indiana University transcript through the process of validation will not count toward meeting the residency requirement. The Indiana University campus on which the student met the residency requirement will award the degree. Some program exceptions may exist. See program specific requirements.

Semester Load

To be considered a full-time student by the university, the student must register for a minimum of 12 credit hours each fall and spring semester and a total of 6 or more credit hours during a summer session. The maximum load is 18 credit hours. Students who want to carry more than 18 credits must obtain permission of the program director or dean. In addition, students should have a cumulative B (3.0) average or have earned a B (3.0) average in their last semester.

Students in Good Standing

Students must maintain a minimum cumulative grade point average of C (2.0) and a minimum grade point average of 2.0 for the most recent academic session and meet additional programmatic, academic, and professional standards in order to be considered in good standing. Students are informed of programmatic, academic, and professional standards during program orientation.

Withdrawals (Grade of W)

Withdrawals are issued to students wishing to withdraw from any or all courses if the official withdrawal process is completed by the automatic withdrawal deadline dates printed in the current class schedule. A grade of W will appear on student transcripts when students complete the official withdrawal process with the appropriate approval. After the automatic withdrawal deadline, the grade awarded will be an F or W as determined by the instructor. Withdrawal after the automatic deadline is not automatic and requires approval of the College of Health and Human Services dean or the dean's representative; permission will be granted only in extraordinary circumstances. *W is an option after the withdrawal deadline only if the student is passing.* A grade of FN will be recorded on the official transcript if a student stops attending but does not officially withdraw from class.

Schools & Divisions

Applied Health Science Administrator

C.J. Chang, Ph.D., Campus Liaison

About the B.S. in Applied Health Sciences

The BSAHS degree is joint online degree program offered collectively by all five IU-managed regional campuses. The curriculum is available in an all-online format through the statewide BSAHS consortium.

The Bachelor of Science (BS) in Applied Health Science program is a 120 credit hour online program. Students with A.S or A.A degrees who enter the program will transfer in 60 – 64 credit hours from their degree. Students with associate degrees are expected to complete the degree in two academic years (four semesters). Full-time

students entering with 30 credit hours are expected to complete in three years.

- The Online BSAHS is “student-centered,” appealing to a wide spectrum of traditional and non-traditional students who have an interest in a health sector career but do not wish pursue clinical degree programs.
- The program allows flexibility for students who are seeking to complete their degrees while meeting their responsibilities to their families and/or employers.
- The degree design offers health workers with previous college credit (including those with associate degrees) a convenient, high-quality option for completing a baccalaureate degree that students can pursue while working full- or part-time.
- The degree provides additional skills and training needed to advance within the student’s chosen profession. It is also appropriate for those who wish to find a new career in the health care field.

Program Learning Outcomes

- Provide students with extensive preparation for work in any field that addresses people’s health.
- Address the needs of those students seeking a broad understanding of the science of human health and its application to their chosen career.
- Respond to a strong need for a degree in the health sciences for students who have a desire to work in health related areas, but who do not wish to be in a clinical program.
- Respond to a need for students to continue their degree progression should they not gain entry into the selective, competitive programs nursing, dental hygiene, and radiology.
- Permit students who have earned an associate degree and for the large pool of similarly degreed health care workers who need a bachelor degree for advancement in their current positions or in related areas in health to continue their formal education.
- Prepare students for entry and mid-level positions in for-profit and not-for-profit health-related organizations.
- Prepare students to acquire knowledge of various health care related subjects and apply this knowledge to improve the health of those with whom they come in contact.
- Provide students the basic, technical and applied aspects of health science, and help students apply this knowledge to a variety of career opportunities.

Admission Requirements

- Minimum 2.0 GPA on a 4.0 grade scale
Full admission to the regional campus from which you will receive the degree

Application Deadline

Rolling admissions. Application review will begin upon receipt of all required application materials.

Degree Requirements (120 cr.)

To graduate with the BSAHS degree, students must complete General Education (varies by campus), 42 credit hour BSAHS core and one 18 credit hour track, either the Community Health Educator or Health Administration, as

well as electives to reach 120 credit hours total. Students should choose electives that best support the BSAHS track they are pursuing, and in consultation with their academic advisor. Students must attain a cumulative 2.0 GPA for all courses counting towards the degree and a 2.0 for all AHSC courses.

BSAHS Core (required) 42 credit hours

- AHSC- H302 Healthcare Delivery Systems (3 cr)
- AHSC- H303 Leadership and Management in Healthcare (3 cr)
- AHSC- H330 Intercultural Health Communication (6 cr)
- AHSC- H310 Health Policy, Ethics, and Legal Issues (6 cr)
- AHSC- H360 Epidemiology/Biostatistics and Population Health (6 cr)
- AHSC- H340 Research in Health Sciences (3 cr)
- AHSC- H320 Consumer Health (3 cr)
- AHSC- H350 Economics of Health Care (3 cr)
- AHSC- H370 Informatics (3 cr)
- AHSC- H480 Grant Writing & Internship (6 cr)

BSAHS Track (one required) 18 credit hours

Track 1: Community Health Educator Coursework will provide instruction in the skills necessary to conduct general health and wellness assessments and the techniques of health education. Students majoring in the BSAHS with a concentration in the Community Health Educator track will be able to take the Certified Health Education Specialist Examination (CHES) offered by the National Commission for Health Education Credentialing. Becoming a CHES opens many more opportunities for students in public health.

- AHSC- C415 Community Health Assessment, Education, and Promotion (6 cr)
- AHSC- C425 Program Assessment, Planning, Evaluation I (3 cr)
- AHSC- C430 Environmental Health (3 cr)
- AHSC- C435 Program Assessment, Planning, and Evaluation II (3 cr)
- AHSC- C420 Behavior Theory in Health Education and Promotion (3 cr)

Track 2: Health Administration Coursework will provide instruction in health care organization, planning, budgeting and finance.

- AHSC- A420 Health Care Budgeting and Finance (6 cr)
- AHSC- A430 Health Care Organization Supervision and Resource Management (6 cr)
- AHSC- A440 Health Care Administration and Strategic Planning (6 cr)

Dental Education Administrative Officer

Donna S. Krause, CDA, LDH, MPA
Assistant Dean, College of Health & Human Services
Director, Dental Education, Clinical Associate Professor

Web site: www.northwest.iu.edu/dental / **Phone:** (219) 980-6770

About Dental Education

The IU Northwest Dental Education department offers an entry-level Bachelor of Science in Dental Hygiene degree, a Bachelor of Science in Dental Hygiene Degree Completion program, and a Certificate in Dental Assisting.

Detailed information is presented in the sections that follow. While every effort has been made to provide accurate information, students should seek academic advice from the Dental Education Advisor before making final decisions based on the program descriptions contained in this bulletin.

Mission

The mission of the Dental Education Programs is to be a leader in providing high quality education and clinical experiences to undergraduate students for future roles as oral healthcare providers. We are committed to fostering an environment of diversity, equity, and inclusion for all students, faculty and staff. Collectively, we all have a responsibility to create a safe and welcoming community where individuals are encouraged to engage and succeed. Our programs are committed to excellence in the theory and practice of dental hygiene and dental assisting and in the development of competent, culturally diverse, and ethically responsible professionals.

Program Goals

At the completion of the dental hygiene/dental assisting program students will be able to:

- A. Exhibit the highest level of competency, professionalism, and cultural sensitivity
- B. Deliver high quality patient care by the use of sound judgement, critical thinking skills, and evidence-based decision making
- C. Emphasize the role of the dental hygienist/dental assistant as a patient educator and advocate involved in community oral health engagement activities related to health promotion and disease prevention

Program Outcomes

1. Apply didactic information through patient care experiences
2. Demonstrate critical thinking through, writing, communication, and listening skills
3. Adhere to the ethical, professional, and legal codes of conduct expected of the oral healthcare practitioner
4. Evaluate the different career roles of the dental hygienist/dental assistant
5. Plan dental health community events which provide experiences that support access to oral healthcare and education to diverse populations

Accreditation

The programs in Dental Assisting and Dental Hygiene are accredited by the Commission on Dental Accreditation. The Commission is a specialized accrediting body recognized by the United States Department of Education. The Commission on Dental Accreditation can be contacted at (312) 440-4653 or at 211 East Chicago Avenue, Chicago, IL 60611-2678. The Commission's web address is: <https://coda.ada.org>.

Professional Student Memberships

Students currently enrolled in one of the accredited Dental Education programs are required to be a member of the national, state, and local constituents of the American Dental Assistants' Association (ADAA) or the

American Dental Hygienists' Association (ADHA). In addition, there are many member benefits for students including scholarships and opportunities for personal and professional development. The purpose of this membership is for the students to become familiar with the organization and structure of their professional association.

Admission Policies

Essential Performance Standards

A certificate in dental assisting or degree in dental hygiene attests to the mastery of knowledge and skills. Graduates must possess the essential knowledge and skills to function in a variety of clinical situations and render a wide spectrum of patient care in a safe and effective manner. The Dental Education faculty has therefore specified non-academic criteria, *Essential Performance Standards*, which all applicants and students are expected to meet in order to participate in the dental assisting and dental hygiene programs. These criteria include the following five categories: observation; communication; motor function; intellectual-conceptual, integrative and qualitative abilities; and behavior and social attributes.

Dental Education Policy & Procedure Handbook

All Dental Education students are provided with a *Dental Education Policy & Procedure Handbook* prior to their *Student Orientation*. This document is updated annually to reflect ongoing changes in clinical and program requirements and policies. While the Dental Education department provides these updates, it is the student's responsibility to maintain the currency of the handbook and refer to the most current regulations.

CPR Requirement

All Dental Education students enrolled in their respective programs must present evidence of current healthcare provider certification *prior* to the beginning of each year. Two options are available:

- American Heart Association's Basic Life Support (CPR & AED) for HealthCare Provider level (preferred)
- American Red Cross CPR/AED for the Professional Rescuer

OSHA Regulations

Health requirements and OSHA regulations include annual education on bloodborne pathogens and hazardous communications training and HIPAA training. See the *Dental Education Policy & Procedure Handbook* for annual regulatory requirements.

Health Requirements

All Dental Education students must show proof annually that they have met the immunization, physical examination, and dental examination requirements prior to participating in any clinical courses. Specific instructions are distributed prior to the *Student Orientation*. Special circumstances may arise which require additional action. Failure to meet health requirements and their deadlines makes the student ineligible for clinical courses.

Criminal Background Checks

Most of the clinical sites where IU Northwest Dental Education students complete their clinical externship experiences require a national criminal background check before students can be placed in their assigned facilities. Based on the requirements of these agencies,

as well as state and federal regulations, all students in the Dental Education programs must undergo a national background check prior to admission and annually thereafter. The Dental Education department has selected *CastleBranch.com* to complete these background checks. The results of a student's background check may impact their admission status in the Dental Education programs, preclude students from attending clinical, and/or affect their ability to obtain licensure. If an incident occurs that would change the student's background check, the student is required to notify the Dental Education department immediately. The student will be required to pay for a background re-check. Failure to adhere to the above policy will result in dismissal from the program. The student will not be able to re-register until this requirement is met. The student will be responsible for any late registration fees incurred. If clinical time is missed, the student is subject to the clinical absence policy.

Drug Screen Policy

Some clinical sites may require a drug screen. In addition, faculty reserves the right to require a drug screen, at the student's expense, if the situation warrants. Failure to comply immediately will result in dismissal from the Dental Education program.

Personal Health Insurance

The Dental Education department strongly encourages students to carry personal health insurance. The department will not be liable for any health problems requiring medical treatment for students enrolled in the programs.

Professional Liability Insurance

All students in the Dental Education programs having patient/client contact are covered under the malpractice contract for Indiana University. This liability insurance does not extend to employment outside of course-related activities. The student should know that failure to pay course and other fees results in non-coverage under Indiana University's malpractice contract. Non-coverage makes the student ineligible to attend clinicals or externships.

Dental Assisting Admission Procedures Responsibilities of the Dental Assistant

The dental assistant performs many tasks requiring both interpersonal and technical skills. Although state regulations vary, responsibilities may include:

- assisting the dentist during a variety of treatment procedures
- taking dental radiographs (x-rays)
- asking about the patient's medical & dental history and taking blood pressure, pulse, respiration, and temperature
- serving as an infection prevention officer, developing infection protection protocol, preparing and sterilizing instruments and equipment
- helping patients feel comfortable before, during, and after dental treatment
- providing patients with instructions for oral health care following dental treatment procedures
- teaching patients appropriate oral hygiene procedures to maintain oral health such as toothbrushing, flossing, rinsing, and nutritional counseling

- taking impressions of patients' teeth for study casts (models of teeth)
- performing office management tasks that include an electronic patient record
- communicating with patients and dental suppliers (e.g., scheduling appointments, answering the telephone, billing, and ordering supplies)
- helping to provide direct patient care in all dental specialties, including orthodontics, pediatric dentistry, periodontics, endodontics, prosthodontics, and oral surgery

Dental Assisting Admissions Procedures

Candidates for admission to the program must be high school graduates with a 2.0 grade point average (on a 4.0 scale), or HSE (High School Equivalency Exam) equivalent. High school courses in biology, chemistry, and computers are strongly recommended.

Each candidate must submit the following materials to the Dental Education Advisor **prior to July 1** for consideration for entry into the class beginning in the fall semester of that year. (Applications submitted beyond the July 1 deadline will be considered based upon class availability)

1. Applicants must **first** make application to IU Northwest if *not* previously admitted by an Indiana University campus.
2. Complete an **online** Dental Assisting Program Application. This application is available at <https://northwest.iu.edu/dental/programs/application.html>. A separate application must be submitted to each campus the student is interested in attending.
3. Submit **online** two IU Northwest Dental Education **Recommendation Forms** at <https://northwest.iu.edu/dental/programs/application.html>
4. Submit official college and university transcripts, if applicable.
5. Complete and pass a criminal background check (CBC).

In July, upon receipt of all application materials, applicants are *required* to attend the **Dental Assisting Applicant Open House**. Applicants will be notified by e-mail concerning the date and time of the Open House. Class size for the dental assisting program is limited. Therefore, each applicant is encouraged to schedule an appointment with the Dental Education Advisor and to apply early. Please contact the Dental Education Department at (219) 980-6770 or dmarcini@iu.edu for an advising appointment.

Dental Assisting Career Options

Employment opportunities are available in private practice (general or specialty); hospitals; educational institutions; businesses; dental sales companies; and federal, state, and community clinics.

Dental Assisting Curriculum Certificate in Dental Assisting

The dental assisting program at IU Northwest is a one year, 37 credit hour certificate program. A dental assistant is a member of the dental health team who is educated to assist the dentist. The dental assistant aids the dentist

in the detection, care, and treatment of the patient's oral health.

Graduates that have completed a professional, accredited program are eligible to take a national certification examination administered by the Dental Assisting National Board (DANB). Upon successful completion of this examination, the assistant becomes a **Certified Dental Assistant (CDA)**.

Clinical Externship Hour Requirements

A minimum of 300 clinical externship hours are required to meet academic and accreditation standards. Therefore, all clinical externship hours are mandatory and all missed time must be made up. See the **Dental Education Policy & Procedure Handbook** and/or course syllabus for specific policies regarding clinical externship policies.

Advanced Degree

IU Northwest offers an educational program that allows students to apply a select number of their dental assisting credits toward an associate of science or a bachelor's degree in another discipline.

Fall Semester

- DAST A212 Dental Therapeutics and Medical Emergencies (2 cr.)
- DAST A221 Microbiology and Asepsis Technique (2 cr.)
- DAST A271 Clinical Science I (5 cr.)
- DHYG H214 Oral Anatomy (3 cr.)
- DHYG H242 Introduction to Dentistry (1 cr.)
- DHYG H303 Radiology (3 cr.)

Total 16 credit hours

Spring Semester

- DAST A211 Oral Pathology, Physiology, and Anatomy I (2 cr.)
- DAST A213 Oral Pathology, Physiology, and Anatomy II (1 cr.)
- DAST A231 Dental Materials I (2 cr.)
- DAST A241 Preventive Dentistry and Nutrition (2 cr.)
- DAST A252 Radiology Clinic II (1 cr.)
- DAST A272 Clinical Science II (5 cr.)

Total 13 credit hours

Summer I Session

- DAST A232 Dental Materials II (2 cr.)
- DAST A261 Behavioral Science (1 cr.)
- DAST A262 Written and Oral Communication (2 cr.)
- DAST A282 Practice Management, Ethics, and Jurisprudence (2 cr.)
- DHYG H224 Oral Histology and Embryology (1 cr.)

Total 8 credit hours

Additional Information

Please contact the Dental Education Program Advisor, Dawn Marciniak for additional information at (219) 980-6770 or by email at dmarcini@iu.edu.

Bachelor of Science in Dental Hygiene (BSDH) Entry-Level

Responsibilities of the Dental Hygienist

The dental hygienist is a primary oral healthcare professional who has graduated from an accredited dental hygiene program in an institution of higher education, licensed in dental hygiene to provide education, assessment, research, administrative, diagnostic, preventive, and therapeutic services that support overall health through the promotion of optimal oral health.

Although state regulations vary, the dental hygienists' responsibilities may include:

- performing oral health and risk assessments that include the review of patients' medical and dental histories, taking and recording vital signs, dental and periodontal charting, and evaluation of oral health/disease
- evaluating a patient's current health status including all medications
- performing an extraoral and intraoral examination
- completing a comprehensive dental and periodontal charting that includes a detailed description and evaluation of the gingiva (gums) and periodontium (supporting structures)
- developing a dental hygiene diagnosis and dental hygiene care plan
- exposing and interpreting dental images (x-rays)
- removing biofilm and calculus (soft and hard deposits) from teeth both coronally and apically to (above and below) the gingival margin (gumline) using dental instruments
- applying caries-preventive agents such as fluorides and sealants to the teeth
- administering local controlled and sustained release antimicrobial agents
- administering pain control agents such as local anesthetics and nitrous oxide oxygen sedation
- providing patient education on biofilm control and home care protocol by incorporating techniques and products that will become part of an individualized self-care oral hygiene program
- counseling and coordinating tobacco cessation programs
- educating patients on the importance of good nutrition for maintaining optimal oral health
- documenting patient care and treatment rendered

Dental Hygiene Admission Procedures

Bachelor of Science in Dental Hygiene (BSDH) Entry-Level

The dental hygiene program requires 56 credit hours of prescribed general education and prerequisite courses. The 56 credit hours may be completed at any accredited college or university. Required courses should not be

taken under the Pass/Fail option; the Dental Education Admissions Committee must approve any exceptions.

The student must maintain at least a 2.5 GPA on a 4.0 scale to be eligible for consideration. Courses completed at institutions other than Indiana University must show a grade of C or higher to be accepted as transfer credit by Indiana University Admission's Office. All applicants must complete all required prerequisite courses and receive a minimum grade of C or better to be eligible for the program.

1. Applicants must first make application to IU Northwest if *not* previously admitted by an Indiana University campus. (Courses cannot be transferred without making application to IU Northwest)

2. Applicants must complete the **Dental Hygiene Application** online. Applications are available online at <https://www.northwest.iu.edu/dental/dental-hygiene-application.html>. All applications must be submitted no later than **February 1** for entry into the class beginning in the fall semester of that year. A separate application must be submitted to each campus the student is interested in attending.

3. Items that **must** be submitted to the Dental Hygiene Admissions Committee by **February 1** include:

- Official college and university transcripts (This includes transcripts to be sent for course work completed by February 1)
- Online Dental Hygiene Application
- Applicants must complete at least four (4) hours of clinical observation in a dental office
- Proof of IU Northwest acceptance (if not currently attending an Indiana University campus)

In February, upon receipt of the dental hygiene application and other supporting materials, applicants are **required** to attend the **Dental Hygiene Applicant Open House**. The applicant will be notified of the Open House by e-mail during February.

Class size for the dental hygiene program is limited and each year there are more qualified applicants than can be accepted. Therefore, applicants are encouraged to consult with a Dental Education Program Advisor for pre-dental hygiene advising.

Criteria for Selection of Class

Selection of dental hygiene students is based upon, but is not limited to, successful completion of program prerequisites, number of college credit hours satisfactorily completed, observation hours, college cumulative GPA, prerequisite GPA, applicant Open House attendance, and an individual appraisal of the applicant's established record and potential for development.

Seven-Year Limit

Required sciences, including Human Biology, Anatomy & Physiology I & II, Microbiology, and Chemistry must have been completed within seven (7) years prior to the semester in which a student begins the professional coursework of the dental hygiene program.

Dental Hygiene Career Options

The dental hygienist is a licensed member of the dental health team and is concerned with the prevention of diseases of the oral cavity. The dental hygienist completes a professional college program that entitles the graduate, upon successful completion of national, regional, and state board examinations, to perform specific preventive treatments; expose dental radiographs (x-rays); provide oral hygiene education; administer local anesthesia and nitrous oxide-oxygen; and/or to participate as a dental health professional in federal, state, or local public health clinics, and educational programs.

IU Northwest currently offers a Bachelor of Science in Dental Hygiene entry-level and a Bachelor of Science in Dental Hygiene Degree Completion.

Students interested in pursuing a dental hygiene degree should consult the Dental Education Program Advisor at IU Northwest at (219) 980-6770 or dmardini@iu.edu for an advising appointment.

Curriculum for Bachelor of Science in Dental Hygiene—Entry Level

The Dental Hygiene curriculum, which is accredited by the Commission on Dental Accreditation (CODA), leads to the Bachelor of Science degree, and consists of a total of four years of study with 120 college credit hours; two years of general education and prerequisite coursework followed by two years of professional study. Upon completion, graduates are eligible for licensure to practice dental hygiene.

Dental Hygiene General Education & Prerequisite Requirements (56 credit hours)

First Year Degree Map

Fall Semester

- ENG W131 Reading, Writing, and Inquiry I (3 cr.)
- PHSL P130 Human Biology (4 cr.)
- SOC S161 Principles of Sociology (3 cr.)
- MATH M100 Basic Mathematics (4 cr.)

Total: 14 credit hours

Spring Semester

- PSY P101 Introductory Psychology (3 cr.)
- BIOL M200 Microorganism in Nature & Disease (4 cr.)
- CSCI A106 Introduction to Computing **OR** C106 Intro. to Computers & Their Use (3 cr.)
- SPCH S121 Public Speaking (3 cr.)

Total: 13 credit hours

Second Year Degree Map

Fall Semester

- PHSL P261 Human Anatomy & Physiology I (4 cr.)
- ENG W231 Professional Writing Skills (3 cr.)
- PBHL P201 Urban Public Health (3 cr.)
- NURS B215 Nutrition for Health Professionals (3 cr.)

Total: 13 credit hours

Spring Semester

- CHEM C110 Chemistry of Life (3 cr.)
- PHSL P262 Human Anatomy & Physiology II (4 cr.)
- SPEA K300 Statistical Techniques (3 cr.)
- Arts & Humanities Electives (6 cr.)

Total: 16 credit hours

Dental Hygiene Professional Education Requirements (64 credit hours)

Third Year Degree Map - Professional Program

Fall Semester

- DHYG H205 Medical & Dental Emergencies (1 cr.)
- DHYG H211 Head & Neck Anatomy (2 cr.)
- DHYG H214 Oral Anatomy (3 cr.)
- DHYG H217 Preventive Dentistry (2 cr.)
- DHYG H218 Fundamentals of Dental Hygiene (4 cr.)
- DHYG H303 Radiology (3 cr.)

Total: 15 credit hours

Spring Semester

- DHYG H204 Periodontics (1 cr.)
- DHYG H215 Pharmacology & Therapeutics (2 cr.)
- DHYG H219 Clinical Practice I (4 cr.)
- DHYG H224 Oral Histology & Embryology (1 cr.)
- DHYG H242 Introduction to Dentistry (1 cr.)
- DHYG H305 Radiology Clinic I (1 cr.)
- DHYG H308 Dental Materials (2 cr.)

Total: 12 credit hours

Summer I Session

- DHYG H220 Summer Radiology Clinic (1 cr.)
- DHYG H221 Clinical Dental Hygiene Procedures (3 cr.)

Total: 4 credit hours

Fourth Year Degree Map - Professional Program

Fall Semester

- DHYG H250 Local Anesthesia & Pain Control (2 cr.)
- DHYG H301 Clinical Practice II (5 cr.)
- DHYG H304 Oral Pathology (2 cr.)
- DHYG H306 Radiology Clinic II (1 cr.)
- DHYG H321 Periodontics II (2 cr.)
- DHYG H311 Dental Health Education (2 cr.)

Total: 14 credit hours

Spring Semester

- DHYG H302 Clinical Practice III (5 cr.)
- DHYG H307 Radiology Clinic III (1 cr.)
- DHYG H320 Practice Management, Ethics and Jurisprudence (2 cr.)
- DHYG H344 Senior Hygiene Seminar (1 cr.)
- DHYG H347 Community Dental Health (3 cr.)

Total: 12 credit hours

Summer I Session

- DHYG H402 Practicum in Dental Hygiene Education - Capstone (4 cr.)
- DHYG H405 Dental Healthcare Research (3 cr.)

Total: 7 credit hours

Total of 120 credit hours

Bachelor of Science in Dental Hygiene - Degree Completion (BSDH)

The Bachelor of Science in Dental Hygiene Degree Completion program provides an opportunity for licensed dental hygiene graduates to develop future leadership roles in education, public health, commercial ventures, professional associations, and/or health advocacy programs. It can enhance career opportunities available to dental hygienists in a variety of areas, including but not limited to, state and county health departments, academia, sales and marketing, pharmaceuticals, dental consulting, dental insurance companies, and research. Program activities promote development of professional leadership skills and prepare hygienists for entry into graduate programs. The program's objectives are designed to provide students with the education and skills to:

- perform dental hygiene services in a variety of settings (e.g., public health clinics, school systems, institutions, and hospitals)
- serve as a resource person and collaborate with other healthcare personnel in assessing healthcare needs and providing health care services to the public
- assess, plan, implement, and evaluate effective teaching methodologies in an educational setting
- supervise the teaching of dental hygiene services in a clinical or public health setting
- prepare for admission to graduate degree programs
- continue their professional education and personal growth

Admission Policies & Procedures for Bachelor of Science in Dental Hygiene -Degree Completion

Graduates from an ADA accredited dental hygiene program holding an *Associate of Science in Dental Hygiene* degree and a current dental hygiene license must submit an online application by **February 1** to be considered for the Bachelor of Science in Dental Hygiene - Degree Completion program. An applicant who received their *Associate of Science in Dental Hygiene* degree with a minimum of 90 credit hours from an accredited program other than Indiana University will be considered a transfer student for the purpose of fulfilling general education requirements at IU Northwest. If a graduate from an Associate of Science in Dental Hygiene (ASDH) program does not have the minimum 90 credits hours, the student will need to take additional *approved* course electives at IU Northwest which must total 90 credit hours prior to applying to the BSDH degree completion program.

Courses required for admission may be taken at any Indiana University campus or may be accepted as transfer credit from other accredited institutions if the *residency requirement* has been met. However, priority consideration is given to those students completing the majority of their coursework on the IU Northwest campus. Contact the Dental Education Program Advisor for more information.

A minimum cumulative GPA of 2.50/4.00 is required. Students with the highest overall GPA will be granted admission. Students are expected to complete the coursework for the completion degree within seven years from the date of admission.

Residency Requirements

- A minimum of 30 credit hours must be completed at Indiana University. Transfer credit into Indiana University will not count toward meeting the residency requirement.
- 20 of the 30 credit hours for the BSDH Completion Degree must be taken at IU Northwest.
- Students must earn a grade of C or higher in all required courses and maintain a semester and overall GPA of at least 2.5/4.0.
- Completion of the degree must be within seven years from the date of enrollment in the first course toward the BSDH completion degree.

Admission is competitive based on cumulative GPA, pre-professional coursework, and the GPA for professional dental hygiene courses. The bachelor of science in dental hygiene degree completion requires 30 credit hours beyond the 90 earned for the IU Northwest ASDH degree to equal 120 credit hours.

Bachelor of Science in Dental Hygiene - Degree Completion Requirements

General Education Course Requirements for the Dental Hygiene Degree Completion (23 credit hours)

- MATH M100 Basic Mathematics (4 cr.)
- PBHL P201 Urban Public Health (3 cr.)
- ENG W231 Professional Writing Skills (3 cr.)
- SPEA K300 Statistical Techniques (3 cr.)
- Arts and Humanities Electives (10 cr.)

Professional Education Courses for the Dental Hygiene Degree Completion (7 credit hours)

- DHYG- H402 Practicum in Dental Hygiene Education - Capstone (4 cr.)
- DHYG- H405 Dental Healthcare Research (3 cr.)

Health Information Management Programs

Administrative Officers

Dorinda Sattler, MJ, RHIA, CHPS, CPHRM, *Interim Program Director, Health Information Management Programs and Clinical Associate Professor*

Patricia Johnson, MS, RHIA, *Clinical Coordinator Health Information Technology and Clinical Assistant Professor*

Web site: www.northwest.iu.edu/health-information-management/

Phone: (219) 980-6899

About the Health Information Management Programs

A career in health information management combines the disciplines of medicine, information management, computer technology, finance, and law within the health care industry.

HIM professionals bring unique skills to the healthcare industry. These skills include the ability to:

- Manage medical records and health information systems
- Enhance the quality and uses of data within the healthcare industry
- Summarize data into useful information
- Comply with standards and regulations regarding health information
- Protect the privacy and security of patient health information
- Ensure health information is complete and available to authorized users
- Code health information for reimbursement and research.

Within the Department of Health Information Management, interested students can obtain an Associate of Science Degree in Health Information Technology or a Bachelor of Science degree in Health Information Administration. For information on related credentialing exams and career opportunities, please refer to the specific degree information that follows.

Programs' Mission, Vision and Goals of the Health Information Management Programs.

Mission Statement

The mission of the Indiana University Northwest Health Information Management programs is to provide a quality health information education that prepares students to fulfill the roles of competent and ethical practitioners in the 21st century. The Program seeks to instill student values related to the privacy, security, integrity, and accuracy of patient health information, thereby helping to improve the quality of life in the communities we serve.

Vision

Students will be prepared to become active citizens, lifelong learners, and enjoy successful careers as part of the healthcare team in Health Information, Informatics, and Information Governance to advance professional practice and standards.

Program Goals

The programs continuously review the appropriateness and effectiveness of the curriculum, with the results of the program assessment used as the basis for ongoing planning and improvement. This review is met by utilizing a dedicated Program faculty, clinical faculty, and an advisory board. With strong faith in these professionals, we set forth the following student learning goals:

1. To demonstrate competence in curricular standards as set forth by the AHIMA
2. To effectively carry out the functions of the health information management discipline
3. To be prepared for continued learning at a graduate level of study
4. To be actively engaged within the health information professional community

Associate of Science Degree Program

Health Information Technology

The health information technician is a professional skilled in the clinical data analysis, reporting of health care data and provision of clinical data support to health care information systems operations.

The graduate health information technician generally works in the health information department of a hospital or corporate healthcare facility headquarters, ambulatory care facility, or other type of health care facility. Some of the functions are supervising within the health information department; compliance and risk management functions, coordinating flow of health information to all departments of the hospital; compiling statistics; analyzing health record data for electronic completeness and accuracy; coding and classifying diagnoses and procedures that impact facility reimbursement; assigning diagnosis-related groups (DRGs) or ambulatory payment classifications (APCs); operating a cancer registry; functioning as a privacy officer for the facility; preparing special studies and tabulating data for research; performing quality management and utilization management activities, and other performance improvement activities, and acting as an electronic health record coordinator assisting with system implementations and workflow operations.

Graduates are eligible to apply to write the American Health Information Management Association National certification exam. Upon passing this exam, they may use the initials RHIT, Registered Health Information Technician.

Educational Program Length of the Program

The Health Information Technology Program is two years in length if the student attends on a full-time basis. Opportunities are available for progression through the program on a part-time basis.

Structure of the Professional Program

Health Information Technology core courses are offered primarily during the day, on campus or online.

Design of the Professional Curriculum

Students accepted into the Health Information Technology Program typically begin the course of study in the fall semester. The curriculum consists of general-education courses, technical courses in health information technology, and clinical experience in health care facilities.

Location of Clinical Sites

The program utilizes most hospitals in Northwest Indiana; Additional nonacute care facilities throughout the area are also utilized. The student is responsible for their own transportation to these clinical sites.

Additional Cost

In addition to regular university fees, students are responsible for the cost of a PPD test, completion of a criminal history background check and proof of immunizations before attending clinical sites. They are also responsible for any travel expenses incurred as part of the clinical experience.

Opportunity for Students to Work

Many students accept part-time employment in local health care facilities while completing the professional course work.

Program Facilities

The Health Information Technology Program offices and classrooms are located in the Dunes Medical building at IU Northwest.

Accreditation

The Health Information Technology Program of IU Northwest is fully accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM).

Criminal Background Checks

Most of the clinical sites where IU Northwest Health Information Technology students complete their professional practice experiences require a national criminal background check before students can be placed in their assigned facilities. Based on the requirements of these agencies, as well as state and federal regulations, all students in the Health Information programs must undergo a national background check prior to admission and annually thereafter. The Health Information Program has selected CastleBranch.com to complete these background checks. The results of a student's background check may impact their admission status in the Health Information programs, preclude students from attending professional practice experiences, and/or affect their ability to obtain certification. If an incident occurs that would change the student's background check, the student is required to notify the Health Information department immediately. The student will be required to pay for a background re-check. Failure to adhere to the above policy will result in dismissal from the program. The student will not be able to re-register until this requirement is met. The student will be responsible for any late registration fees incurred. If professional practice experience time is missed, the student is subject to the professional practice experience absence policy.

Drug Screen

Professional practice sites may require students to have a drug screen prior to attending the professional practice experience at their facility, or may require one on demand in certain situations. Failure to comply immediately will result in removal from the site and possible dismissal from the program. Additionally, a positive drug screen may prevent students from being able to be placed in a professional practice agency. See program information for program-specific policies.

Health Requirements

All Health Information Technology students are required to show proof that they have met the immunization, physical examination, and laboratory examination requirements of hospitals and other health agencies used for professional practice experiences. Specific instructions will be distributed prior to professional practice assignment. Failure to meet those health requirements will make the student ineligible for professional practice classes, which will be subject to the program absence policies and will impact the student's ability to graduate with the degree.

Memberships

Students in the Health Information Management Technology program are strongly encouraged to join the

American Health Information Management Association (AHIMA). Faculty frequently require students to access the AHIMA site in various courses. In addition, there are many member benefits that the AHIMA offers. A student member receives a discount when applying to sit for the RHIT exam. For more information about Health Information Management, a prospective student may visit my.ahima.org/careermap.

Admission

Admission to the program is open.

Class Size

30 students each fall semester.

Specific Requirements

In addition to the College of Health and Human Services admission policies and procedures found at the beginning of the bulletin, the following admission policies apply to the Health Information Technology Program at IU Northwest.

Application Deadline

Applications are accepted year round.

Minimum Cumulative Grade Point Average

C (2.0 on a 4.0 scale). Grades from remedial courses are not figured into the cumulative grade point average.

Distribution of Credit Hours in Specific Areas

Students must complete 24 credit hours in liberal arts as part of the degree requirements.

Limitations of Course Work

Remedial courses may not be counted as credit hours toward a degree. Courses completed in the former Division of General Studies do not count toward a degree.

Minimum Specific Grade Point Average

The program computes a selected course grade point average based on courses the student may have taken that are required by the program. Grades from remedial course are not included.

Essential Performance Standards

A degree in Health Information attests to the mastery of knowledge and skills. Graduates must possess the essential knowledge and skills to function in a variety of professional situations and render a wide spectrum of expertise. The Health Information Management faculty has therefore specified nonacademic criteria, Essential Performance Standards, which all applicants and students are expected to meet in order to participate in the Health Information programs. These criteria include the following five categories: observation; communication; motor function; intellectual-conceptual, integrative and qualitative abilities; and behavior and social attributes.

Curriculum

Health Information Technology Curriculum (60 cr.)

Fall Semester

- ENG W131* Elementary Composition I (3 cr.)
- PHSL P261 Human Anatomy & Physiology I (4 cr.)
- HIM M195* Medical Terminology (3 cr.)

- CSCI A106 Introduction to Computers (3 cr.)
- HIM M100* Introduction to Health Care Delivery and Health Information Management (3 cr.)

Total (16 cr.)

Spring Semester

- PHSL P262 Human Anatomy & Physiology II (4 cr.)
- HIM M101* Introduction to Health Records (3 cr.)
- HIM M107* Computer Applications in Health Information Technology (3 cr.)
- MATH M100 Basic Mathematics (4 cr.)

Total (14 cr.)

Summer Session I

- HIM M193* CPT Coding (2 cr.)

Fall Semester

- HIM M201* Coding and Classification Systems (2 cr.)
- HIM M202* PPE (3 cr.)
- HIM M245* Health Record Law (3 cr.)
- HIM M205* Pathology (3 cr.)
- HIM M208* Coding Lab (1 cr.)

Total (12 cr.)

Spring Semester

- HIM M200* Management in Health Information Technology (2 cr.)
- HIM M203* Health Care Delivery & Quality Management (3 cr.)
- HIM M204* PPE (2 cr.)
- SPCH S121 Public Speaking (3 cr.)
- HIM M206* Reimbursement Principles in Healthcare (3 cr.)
- PSY P101 Introduction to Psychology I (3 cr.)

Total (16 cr.)

*Professional core course: A grade of C (2.0) or higher is required in order to take professional core courses that occur later in the course sequence for this major.

Bachelor of Science - Health Information Administration

The B.S. degree in Health Information Administration prepares students to function in a leadership capacity in a variety of healthcare organizations. Students are prepared to manage the electronic health record working with physicians, nurses, allied health professionals, and administrators to ensure proper workflow, confidentiality, and quality of documentation within the medical records. Professionals can perform the job functions of electronic health record trainer, support analyst, and work alongside IT experts to ensure proper support and build of systems. HIA professionals are poised to work with data quality experts to ensure accurate collection and presentation of data, manage revenue cycle processes within healthcare organizations, function as a privacy officer, and direct the functions of a Health Information Management Department.

Educational Program

Length of the Program

The Health Information Administration program is four years in length if the student attends on a full-time basis and does not have a prior degree in Health Information Technology. For a current HIT professional it could take two to two and one-half years to complete the HIA professional program courses. Opportunities are available for progression through the program on a part-time basis.

Structure of the professional program

A student accepted into the Health Information Administration program, with no prior degree in Health Information Technology, will be required to take all Health Information Technology program courses which are offered primarily during the day, in class or online. Once a student progresses to 300 and 400 level professional courses all are offered online only.

Design of the Professional Curriculum

Students accepted into the Health Information Administration Program typically begin the course of study in the fall semester. The curriculum consists of general-education courses, technical courses in health information technology, and clinical experience in health care facilities at a location convenient for the student. For those students who already hold a prior degree in Health Information Technology, students can begin the program anytime in the fall or spring semesters.

Location of Clinical Sites

The program generally utilizes all hospitals and other healthcare organizations within the counties that Indiana University Northwest serves. For students not living within these areas appropriate arrangements can be made with the program Clinical Coordinator to accommodate a clinical placement at a facility convenient to their home or work. The student is responsible for their own transportation to these clinical sites.

Additional Cost

In addition to regular university fees, students are responsible for the cost of a PPD test, completion of a criminal history background check and proof of immunizations before attending clinical sites. They are also responsible for any travel expenses incurred as part of the clinical experience.

Opportunity for Students to Work

Many students accept part-time employment in local health care facilities while completing the professional course work.

Program Facilities

The Health Information Management Program offices and classrooms are located in the Dunes Medical building at IU Northwest.

Accreditation

The Health Information Administration Program of IU Northwest is fully accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM).

Memberships

Students in the third and fourth year of the Health Information Administration program are required to join the American Health Information Management Association (AHIMA). Faculty frequently require students to access the AHIMA site in various courses. In addition, there are many member benefits that the AHIMA offers. A student member can also obtain a discount when applying to sit for the RHIA exam. For more information about Health Information Management, a prospective student may visit www.ahima.org/career-map.

Criminal Background Checks

Most of the professional practice sites where IU Northwest Health Information Administration students complete their professional practice experiences require a national criminal background check before students can be placed in their assigned facilities. Based on the requirements of these agencies, as well as state and federal regulations, all students in the Health Information programs must undergo a national background check prior to admission and annually thereafter. The Health Information Program has selected CastleBranch.com to complete these background checks. The results of a student's background check may impact their admission status in the Health Information programs, preclude students from attending professional practice experiences, and/or their affect ability to obtain certification. If an incident occurs that would change the student's background check, the student is required to notify the Health Information department immediately. The student will be required to pay for a background re-check. Failure to adhere to the above policy will result in dismissal from the program. The student will not be able to re-register until this requirement is met. The student will be responsible for any late registration fees incurred. If professional practice experience time is missed, the student is subject to the professional practice experience absence policy.

Drug Screen

Professional practice sites may require students to have a drug screen prior to attending professional practice experiences at their facility, or may require one on demand in certain situations. Failure to comply immediately will result in removal from the site and possible dismissal from the program. Additionally, a positive drug screen may prevent students from being able to be placed in a professional practice agency. See program information for program-specific policies.

Health Requirements

All Health Information Administration students are required to show proof that they have met the immunization, physical examination, and laboratory examination requirements of hospitals and other health agencies used for professional practice experiences. Specific instructions will be distributed prior to professional practice assignment. Failure to meet those health requirements will make the student ineligible for professional practice classes, which will be subject to the program absence policies and will impact the student's ability to graduate with the degree.

Admission

Students with no prior education or credential in health information may enter the program after completing the admission requirements of the university.

Students who have graduated with a health information management associate degree from a CAHIIM accredited program may enter the BS in HIA program at the junior level. Credit will be awarded for 100-200 level HIM core courses.

Class Size

Varies

Specific Requirements

In addition to the College of Health and Human Services admission policies and procedures found at the beginning of the bulletin, the following admission policies apply to the Health Information Management Programs at IU Northwest.

Application Deadline

Applicants are accepted year round.

Minimum Cumulative Grade Point Average

C (2.0 on a 4.0 scale). Grades from remedial courses are not figured into the cumulative grade point average.

Distribution of Credit Hours in Specific Areas

Students must complete 57 credit hours in various general education courses as part of the degree requirements.

Limitations of Course Work

Remedial courses may not be counted as credit hours toward a degree.

Minimum Specific Grade Point Average

The program computes a selected course grade point average based on courses the student may have taken that are required by the program. Grades from remedial courses are not included.

Essential Abilities

A degree in Health Information attests to the mastery of knowledge and skills. Graduates must possess the essential knowledge and skills to function in a variety of professional situations and render a wide spectrum of expertise. The Health Information Management faculty has therefore specified nonacademic criteria, Essential Performance Standards, which all applicants and students are expected to meet to participate in the Health Information programs. These criteria include the following five categories: observation; communication; motor function; intellectual-conceptual, integrative, and qualitative abilities; and behavior and social attributes.

Curriculum

If a student already holds an AS in Health Information Technology it is not necessary to repeat coursework from the Health Information Technology program.

Fall Semester – Year 1

- ENG-W 131 Elementary Composition I (3 cr.)
- PHSL-P 261 Human Anatomy & Physiology I (4 cr.)

- HIM-M 195* Medical Terminology (3 cr.)
- CSCI-A 106 Introduction to Computers (3 cr.)
- PSY-P 101 Introductory Psychology I (3 cr.)

Total 16 cr.

Spring Semester – Year 1

- PHSL-P 262 Human Anatomy & Physiology II (4 cr.)
- MATH-M 100 Basic Mathematics (4 cr.)
- CSCI-A 285 Advanced Microcomputer Applications (3 cr.)
- SOC-S 161 Principles of Sociology (3 cr.)

Total 14 cr.

Fall Semester – Year 2

- HIM-M 100* Introduction to Health Care Delivery and Health Information Management (3 cr.)
- SPCH-S 121 Public Speaking (3 cr.)
- HIM-M 205* Pathology (P: P261 & P262) (3 cr.)
- Cult and Hist Elective (3 cr.)
- CSCI-A 213 Database Applications (3 cr.)

Total 15 cr.

Spring Semester – Year 2

- Arts & Hum elective (3 cr.)
- Cult & Hist elective (3 cr.)
- HIM-M 101* Introduction to Health Records (3 cr.)
- HIM-M 107* Computer Applications in Health Information Technology (3 cr.)
- SPEA-K 300 Statistical Techniques (3 cr.)

Total 15 cr.

Summer Session

- HIM-M 193* CPT Coding (2 cr.)

Fall Semester – Year 3

- HIM-M 201* ICD Coding and Classification Systems (2 cr.)
- HIM-M 208 Coding Lab (1 cr.)
- HIM-M 245* Health Record Law (3 cr.)
- HIM-M 202* PPE (3 cr.)
- BUS-A 201 Intro to Fin. Acctg. (3 cr.)

Total 12 cr.

Spring Semester – Year 3

- HIM-M 203* Health Care Delivery & Quality Assessment (3 cr.)
- HIM-M 204* PPE (2 cr.)
- HIM-M 200* Management in Health Information Technology (2 cr.)
- HIM-M 206* Reimbursement Principles in Health Care (3 cr.)
- ENG-W 231 Prof Writing Skills (3 cr.)
- Arts & Hum elective (3 cr.)

Total 16 cr.

Fall Semester – Year 4

- BUS-Z 302 Organizational Behavior & Leadership (3 cr.)
- HIM-M 401* Healthcare Data Management in HIM (3 cr.)
- HIM-M 410* Computer Systems in Healthcare and HIM (3 cr.)
- HIM-M 302* Health Record Law II and Ethics (3 cr.)
- HIM-M 403* Organization and Management of HIM (3 cr.)

Total 15 cr.

Spring Semester – Year 4

- HIM-M 404* Research Principles for HIM (3 cr.)
- HIM-M 301* Health Quality and Information Management (3 cr.)
- HIM-M 402 * Health Finance and Budgeting for HIM (3 cr.)
- HIM-M 415* Capstone (1-4 cr.)

Total 13 cr.

Summer I – Year 4

- HIM-M 459* Affiliation Experience (4 cr.)

TOTAL 120 cr.

*Professional core course: A grade of C (2.0) or higher is required in order to take professional core courses that occur later in the course sequence for this major.

Minor in Health Administration Administration

The Department of Health Information Management in the College of Health and Human Services is offering a Minor in Health Information Administration (HIA) at the IU Northwest campus.

The minor contains 15 credits, 5 courses from the BS curriculum in HIA. The minor would appeal to students from Computer Science, Nursing, and others. Informatics in the health care industry is a blend of information technology (IT), clinical knowledge, and the electronic health record documentation management and application issues. The minor could also appeal to other majors on the campus, but is particularly useful in the current health care field with the electronic health record, data management, the clinical documentation improvement focus, medical informatics, and healthcare IT departments.

The minor would include the following courses, which must be taken in the sequence listed, from our BS curriculum:

- M195 Medical Terminology (3 cr.)
- M101 Introduction to Health Records (3 cr.) P: M195
- M107 Computer Applications in Health Information Technology (3 cr.) C: M101
- M301 Healthcare Quality and Information Management (3 cr.) P: M195, M101, M107
- M410 Computer Systems in Healthcare (3 cr.) P: M195, M101, M107

School of Nursing**Administrator**

Crystal Shannon, Ph.D., RN, CNE, NHDP-BC Associate Professor of Nursing and Director

Web site: www.northwest.iu.edu/nursing/

Phone: (219) 980-6600

About the School of Nursing

The School of Nursing offers the Bachelor of Science in Nursing. In addition to the traditional option, there are two mobility options. First, the B.A./B.S. Mobility Option is an 18-month, full-time program, designed for individuals who have earned a bachelor's degree in a non-nursing field and have decided on a career in nursing. We offer the RN to BSN Mobility Option for Registered Nurses wishing to complete their bachelor's degree. In this option, all nursing courses are online and, after the completion of any remaining general education courses, can be completed in as little as 12 months of full-time study. We also offer a Masters of Science in Nursing Program with track options in Family Nurse Practitioner, Nursing Education and Nursing Administration.

The School of Nursing recognizes and embraces its urban identity and the diversity of all of its stakeholders. The School contributes to the mission of IU Northwest of fostering health and human dignity, by educating professional nurses and developing collaborative partnerships among the health science professions and the surrounding communities. Our focus is on delivering a student-centered education that prepares our graduates for evidence-based nursing practice that contributes to the health and well being of individuals, families, and the communities we serve.

Value Statement

The IU Northwest School of Nursing values a culture of healthcare quality and safety, and embraces excellence in patient-, family-, community-, and population-centered care, evidence-based practice, collaborative partnerships, teamwork, and professional integrity.

Code of Ethics for Nurses

Students who are preparing to enter the profession of nursing are expected to follow the *Code of Ethics for Nurses*. Each person, upon entering the profession, inherits a measure of responsibility and trust in the profession and the corresponding obligation to adhere to standards of ethical practice and conduct set by the profession. The code was adopted by the American Nurses' Association in 1950 and revised in 1960, 1968, 1976, 2001 and, most recently, 2015. The Code of Ethics with Interpretive Statements can be found at: http://www.nursingworld.org/DocumentVault/Ethics_1/Code-of-Ethics-for-Nurses.html.

Accreditation

Both the Bachelor of Science in Nursing and the Master of Science in Nursing programs are accredited by the Accreditation Commission for Education in Nursing (ACEN), 3343 Peachtree Rd. NE Suite 850, Atlanta, GA, 30326, phone: (404) 975-5000. In addition, the Bachelor of Science in Nursing program is accredited by the Indiana

State Board of Nursing (ISBN only accredits pre-licensure programs).

Memberships

The School of Nursing is an agency member of the National League for Nursing and the American Association of Colleges of Nursing.

Alumni Association

The School of Nursing Alumni Association is a constituent member of the Alumni Association of the university with representation on its executive council.

Sigma Theta Tau International

The Alpha Chapter of the international honor society of nursing was organized at Indiana University. Students may be admitted to membership when they have demonstrated excellence in their nursing programs and have shown superior academic and personal records. Qualified members of the nursing profession, upon demonstration of marked achievement in nursing, are also eligible for membership. Leadership, research, and scholarship constitute the purposes of Sigma Theta Tau.

Student Nurses' Association

Undergraduate students are eligible for membership in the National Student Nurses' Association, Indiana Association of Nursing Students, and IU Northwest's local chapter. The chief purpose of the organization is to aid in the preparation of students for the assumption of professional responsibilities.

Bachelor of Science in Nursing Philosophy

Baccalaureate nursing education provides a broad foundation in the sciences and liberal arts necessary for preparing professional nurses who are capable of practicing in a competent and responsible fashion as informed citizens in a global society. Graduates of the baccalaureate nursing program are expected to embody the professional identity of the nurse and to demonstrate competencies consistent with being a critical thinker; a culturally sensitive individual; a knowledgeable care coordinator who embraces and uses technology effectively; an effective communicator; an accountable leader and manager who understands the regulatory environments that affect professional nursing; and a competent care provider who is prepared to practice to the full capacity of the professional nurse role in diverse care environments. Baccalaureate graduates partner with individuals, families, communities, and populations in attaining mutually established health goals and in facilitating their highest level of functioning and the maximization of their health potential. Baccalaureate nursing education must prepare graduates to be in the forefront of patient care quality and safety and to design and develop more efficient approaches to the delivery of health care services as full partners on the healthcare team.

Bachelor of Science in Nursing Program 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 promotes diversity across the care continuum.
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 interprofessional 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.

Admission Policies

Three categories of students are admitted to the baccalaureate program:

- Basic or traditional baccalaureate students pursuing initial preparation for nursing
- B.A./B.S. to B.S.N. (students who hold a bachelor's degree in fields other than nursing)
- RN to B.S.N. (students who hold an associate's degree or diploma in nursing and who hold a valid nursing license)

Admission Procedure

1. Admission to Indiana University as a degree-seeking student.
2. Completion of at least 26-28 credit hours of prerequisite courses (including those listed below) with a grade of C (2.0) or above in each course by the second completed attempt and prior to summer semester admission. Students may repeat no more than three (3) required B.S.N. general-education courses. Of the three (3) courses, no more than two (2) sciences may be repeated.
 - W131 English Composition
 - P261/P262 Anatomy & Physiology I and II
 - P101 or P102 Introduction to Psychology
 - S161 Principles of Sociology
 - M100 Basic Mathematics (or a higher level math course (M118, M119, or M125, excluding M110))
 - C110 The Chemistry of Life
3. Submission of the Application for Admission to the Baccalaureate Nursing Major by April 1 for fall semester (traditional) and January 1 for Summer (BA/BS to BSN). Applications for the RN-BSN option may be submitted summer, spring, or fall. Applications are obtained from

the School of Nursing website. **STUDENTS MUST MEET WITH A NURSING ADVISOR PRIOR TO APPLICATION.**

4. Achieve a minimum 2.5 cumulative grade point average and a minimum 2.7 prenursing grade point average. The cumulative grade point average (GPA) will be calculated according to the Indiana University Policy for FX Grading Option regardless of when the course was taken. The nursing GPA is calculated on all required courses for the nursing program. Students may exercise the grade replacement policy for a limit of three general education courses not to exceed 10 credit hours.
5. Return of the signed acceptance letter by the date indicated on the offer of admission.
6. Submission of an official transcript to the School of Nursing for all work being transferred from another university. To obtain an official transcript, the student must request an official transcript from the other institution(s) to be forwarded to the Office of Admissions, IU Northwest, for evaluation.

Applicants meeting the above criteria will be placed in rank order from high to low based upon the prenursing grade point average in the required prerequisite courses. The traditional baccalaureate curriculum has one year of prerequisite courses followed by three years of nursing and other general education courses. Nursing courses are open only to students who have been admitted into the nursing program. Prerequisite courses may be taken at any of the Indiana University campuses or may be accepted as transfer credits from other accredited institutions.

Admission to the baccalaureate nursing major is selective and competitive.

Application and admission are valid only for the semester designated.

Direct all inquiries concerning the School of Nursing, advising, and application to the program to the Coordinator of Student Services, School of Nursing, 3400 Broadway, Gary, IN 46408. Phone: (219) 980-6611.

B.A./B.S. to B.S.N. Mobility Option for Graduates of a Bachelor's Degree Program in a Nonnursing Field

Admission to the B.A./B.S. to B.S.N. Mobility Option is competitive. Candidates for admission will have previously earned a bachelors degree in a nonnursing field with a graduation GPA of 2.5 or higher, have an IU GPA of 2.5 or higher, and a 3.0 on a 4.0 scale for all general-education course work counting toward the B.S.N. degree. All general education requirements must be met prior to program admission. Application to Nursing is due January 1. **STUDENTS MUST MEET WITH A NURSING ADVISOR PRIOR TO APPLICATION.**

R.N. to B.S.N. Mobility Option for Graduates of an Associate of Science Degree or Diploma Program

Students wishing to be admitted to the RN to BSN Mobility Option must be Registered Nurses with an unencumbered license in the state in which you are practicing and/or plan to meet your clinical requirements, and have a graduation GPA of 2.5 from their Associate Degree or Diploma

Program. Students may apply for admission in summer, spring, or fall.

National Background Check Policy

Most of the clinical sites where Indiana University Northwest School of Nursing students complete their hands-on clinical experiences (such as hospitals, clinics, and other agencies) require a national criminal background check before students can be placed in their organization. Based on the requirements of these agencies, as well as state and federal regulations, all students in the School of Nursing must undergo a national background check prior to admission and annually thereafter (more information will be given on admission). The background check includes the residency history for the past seven years, including all counties of residence. The results of a student's background check may impact his or her admission status in the School of Nursing, preclude students from attending clinical, and/or affect ability to obtain licensure as a registered nurse (RN) in the state of Indiana and other states.

Per the School of Nursing's clinical affiliation agreements, all background checks that are other than negative will be sent to the student's clinical agency/agencies for review. If a clinical agency refuses to allow a student to participate in a clinical at the agency, the student may not be allowed to progress in the nursing program.

If an incident occurs that would change your background check, you are required to notify the School of Nursing immediately. You may be required to pay for a background re-check.

Failure to adhere to the above policy will result in dismissal from the program. The student will not be able to re-register until this requirement is met. The student will be responsible for any late registration fees incurred. If clinical time is missed, the student is subject to the clinical absence policy.

Health Requirements

All nursing students at IU Northwest must show proof that they have met the immunization (including mandatory yearly seasonal flu vaccination), physical examination, and laboratory examination requirements of hospitals and other health agencies used for clinical experiences, as well as health care provider CPR certification. Specific instructions will be distributed prior to clinical assignment. Failure to meet those health requirements will make the student ineligible for clinical classes. Annual OSHA training related to blood-borne pathogens is required of all students. Students will be notified of training dates and times. The School of Nursing faculty and administrators strongly encourage students to carry personal health insurance. The school will not be liable for any health problems requiring medical treatment for students enrolled in programs, including illness or injury during clinical rotation.

Students failing to submit documentation by the stated deadline will not be able to attend clinical courses. The clinical absence policy applies.

Drug Screen Policy

Some clinical sites require a drug screen. In addition, faculty reserve the right to require a drug screen, at

the student's expense, if the situation warrants. Failure to comply immediately will result in dismissal from the nursing program.

Dress Code

Nursing students wear the designated uniform of the school. All students wear the designated photo identification badge. For experience in community nursing, all students wear the uniform designated by agency policy. Students not appropriately attired may be asked to leave the clinical area by their instructor. Such an occurrence constitutes an absence.

Application Ineligibility

A student shall be ineligible for the nursing program if, by the second completed attempt, he/she fails to earn a minimum grade of C (2.0) in any required general-education course. Students may repeat no more than three required general-education courses. Of the three courses, no more than two sciences may be repeated. A pattern of course withdrawals may reduce the student's chances of admission to the undergraduate nursing program. Students must meet minimum cumulative and pre-nursing GPA requirements.

Eligibility for Licensure

Any person who makes application for examination and registration as a registered nurse in the state of Indiana shall submit to the Indiana State Board of Nursing at the Indiana Professional Licensing Agency written evidence, verified by oath, that he/she

- has completed an approved high school course of study or the equivalent as approved by the appropriate educational agency;
- has completed the prescribed curriculum in a state-accredited school of nursing and holds a diploma or certificate there from; and
- has not been convicted of any act that would constitute a ground for disciplinary sanction under the state board rules and regulations or of any felony that has direct bearing on the individual's ability to practice competently. (*Note:* Convictions include the possession and use of drugs or controlled substances.) Most states, including Indiana, require a national criminal background check.

Rules and regulations governing licensing in Indiana are available from the Indiana Professional Licensing Agency.

International students and graduates of schools of nursing that are outside the United States must meet the requirements of the Indiana State Board of Nursing for eligibility to sit for the licensing examination.

Application for National Council Licensure Examination (NCLEX)

The School of Nursing will make available the necessary forms to take the examination in Indiana. Those students taking the examination in other states are responsible for obtaining the appropriate forms from those states. It is the student's responsibility to complete the application process and meet the mailing and payment deadlines for taking the NCLEX (state board examination for licensure).

School of Nursing Dean's List

Full-time undergraduate students in the School of Nursing will be placed on the School of Nursing Dean's List each semester that they receive a GPA of 3.5 or above. Part-time students will be honored after they have had consecutive fall and spring semesters (during the same academic year) on a part-time basis and they have accumulated 12 credit hours or more.

Repeating Courses

See School of Nursing Policy on repeat of Nursing courses.

Academic Policies

Academic Standing/Progression Standards Students Admitted to the Nursing Major

The following policies apply to all students admitted to the baccalaureate major in the School of Nursing.

Good Standing

Students who maintain a C (2.0) or higher average in all courses, a grade of C (2.0) or higher in all courses required for the degree, and a grade of S in clinical nursing courses will be in good academic standing.

Academic Probation

A student will be placed on probation when any of the following conditions exist:

1. Cumulative grade point average is below 2.0.
2. Semester grade point average is below 2.0.
3. A grade below C has been earned in a required course.
4. Professional or personal misconduct (may result in dismissal from the School of Nursing).

Academic probation will be removed after the semester when the following conditions exist:

1. Cumulative grade point average is 2.0 or higher.
2. Semester average is 2.0 or higher.
3. A grade of C or above has been earned in the required course(s).
4. Remedial course work, if required, has been completed, and/or specified conditions have been met.

Dismissal

A student may be dismissed from the School when, in the judgment of the faculty, there is lack of progress toward the degree. Evidence of lack of progress consists of one or more of the following, but is not limited to:

1. Failure to attain a cumulative grade point average of 2.0 in two semesters.
2. Failure to attain a grade of C (2.0) or above for didactic or S for clinical upon repeating a nursing course.
3. Failure to attain a grade of C (2.0) or above, or a grade of S for clinical courses, in two or more nursing courses.
4. Failure to meet probationary stipulations in the semester following the assignment of probation.
5. Failure to achieve a grade of C (2.0) or above in any required general education course upon the second attempt.

6. A pattern of withdrawal from nursing courses. See School of Nursing withdrawal policy.
7. Falsification of records or reports, plagiarism, or cheating on an examination, quiz, or any other assignment; violation of patient/ client confidentiality resulting in denial of access to a clinical facility, or other personal or professional misconduct. *A student may be dismissed from the School of Nursing without being placed on probation when any of these conditions exist.*

The faculty reserves the right to require the withdrawal of any student whose personal integrity, health, or conduct demonstrates unfitness to continue preparation for professional nursing. Dismissal is subject to the appeal process. The student can initiate the appeal through a letter sent to the coordinator of Student Services, who will forward it to the faculty.

Reentry

Failure to register in each sequential semester, excluding summer sessions, constitutes an interruption in the student's program. Students who have so interrupted their programs are required to submit written request of intent to reenter the program to the academic advisor. All requests for reentry will be evaluated on the basis of available resources. Students who reenter must adhere to the academic policies in effect at the time of reentry. Reentry of students who have interrupted their study, for any reason, is not guaranteed. Reentry may require validation of skill competency.

Graduation/Degree Requirements

Prospective students should study the requirements for admission to the School of Nursing, the specific curriculum requirements and sequences, and requirements for the degree. Students are responsible for meeting degree requirements and for making application for the degree. The deadlines for filing the application for a degree are September 1 for December and May graduation. The School of Nursing is not responsible for certifying students for the degree if they do not file the application.

All candidates for the Bachelor of Science in Nursing degree must fulfill the following requirements:

1. Satisfactory completion of a minimum of 120 credit hours that apply to the degree.
2. Minimum cumulative grade point average of 2.0.
3. Minimum of a C (2.0) in each required course or equivalent. A C- is less than minimum.
4. Completion of the nursing major within six years of the first enrollment. (traditional option) OR 4 years for BA/BS-BSN option
5. Residency requirements.

S/F Grades for Clinical Nursing Courses

A student must receive a grade of S (satisfactory) in each clinical nursing course. Failure to receive a grade of S constitutes failure. An S indicates a grade of A, B, or C (2.0). Faculty evaluate the quality of clinical performance by standards listed in course syllabi.

Repeat of Nursing Courses

A student who receives less than a C (2.0) in a nursing didactic course or less than an S in a clinical course may be permitted to repeat the course. A student will

receive no more than two opportunities to successfully complete a given nursing course. Failure to receive a C (2.0) upon repeating a nursing course or failure in two or more nursing didactic or clinical nursing courses will result in dismissal.

Repeat of Required General Education Courses

To qualify for admission and progression, a student must earn a grade of C (2.0) or higher in all required general-education courses (C- is not acceptable) by the second completed attempt. Students may repeat no more than three (3) required B.S.N. general- education courses. Of the three (3) courses, no more than two (2) sciences may be repeated.

Pass/Fail Option

A maximum of 6 elective credit hours taken under this option may be applied to the B.S.N. degree. Required prerequisite courses may not be taken under this option.

Independent Study Courses

Required and elective courses for the nursing major, except public speaking, currently available as independent study at Indiana University may be taken for credit. Some courses, however, may not meet degree requirements. Students must contact the Coordinator of Nursing Student Services before enrollment. Nursing majors are required to have the academic advisor's signature for all independent study courses. Final examinations in all independent study courses must be completed no later than three weeks prior to the expected graduation date.

Courses Excluded from the Degree

Credits earned in remedial courses do not apply to the B.S.N. degree. Credits from courses that have been repeated may be counted only one time to meet the credit hour requirement for the degree. The second completed attempt will be counted toward the GPA.

Withdrawal from a Nursing Course

If a student withdraws from a didactic course, withdrawal from the co-requisite clinical course is required (and vice versa) if it is before the Automatic Withdrawal Date. A pattern of withdrawals may make the student ineligible to progress; see the School of Nursing Withdrawal Policy.

Seven-Year Limit

Anatomy and Physiology I and II, Microbiology, Chemistry, Statistics, and Life Span Development have a seven year age limit. Students may opt to (1) take the course again or (2) challenge the course by examination.

B.S.N. Curriculum Plans

General Education Requirements for the Bachelor of Science in Nursing (B.S.N.) (Applicable to Traditional Students Only)

The general education courses for the B.S.N. have been divided into six clusters. Some courses within the cluster may be required while others may be selected from a specific list of courses.

Cluster I Mathematical/Physical/Life Sciences (26 credit hours required)

- PHSL P130 Human Biology (4 cr.)
- PHSL P261 Human Anatomy and Physiology I (4 cr.)

- PHSL P262 Human Anatomy and Physiology II (4 cr.)
- CHEM C110 The Chemistry of Life (3 cr.)
- MATH M100 (4 cr.)
- BIOL M200 Microorganisms in Nature and Disease (4 cr.)
- PSY K300 Statistics (3 cr.)

Cluster II Communication (9 credit hours required)

- ENG W131 Elementary Composition (3 cr.)
- SPCH S121 Public Speaking (3 cr.)
- ENG W231 Professional Writing Skills (3 cr.)

Cluster III Cultural and Historical Studies (6 credit hours required).

A list of courses meeting this requirement is available on request.

Cluster IV Social and Behavioral Sciences (6 credit hours required)

- SOC S161 Principles of Sociology (3 cr.)
- Select one of the following (3 cr.)
 - PSY P101 Introductory Psychology I
 - PSY P102 Introductory Psychology II
 - PSY P103 General Psychology

Cluster V Arts and Humanities (6 credit hours required)

- PHIL P393 Biomedical Ethics (3 cr.)
- A literature course (3 cr.)

**Curriculum Plan for Traditional B.S.N. Students
(sample plan only)**
Freshman Year

Semester one

- PHSL P130 Human Biology (4 cr.)
- SPCH S121 Public Speaking (3 cr.)
- ENG W131 Elementary Composition (3 cr.)
- SOC S161 Principles of Sociology (3 cr.)
- Literature Course (3 cr.)

Semester two

- PHSL P261 Human Anatomy and Physiology I (4 cr.)
- PSY P101 or P102 Introductory Psychology (3 cr.)
- MATH M100 (4 cr.)
- CHEM C110 The Chemistry of Life (3 cr.)
- ENG W231 Professional Writing Skills (3 cr.)

Sophomore Year

Summer

- NURS A190 Learning Strategies in Nursing (1 cr.)
- PHSL P262 Human Anatomy and Physiology II (4 cr.)

Semester three

- BIOL M200 Microorganisms in Nature and Disease (4 cr.)
- NURS B220 Professional Nursing and Healthcare (4 cr.)
- NURS B221 Introductory Clinical Practicum Experience in Nursing (1 cr.)

- NURS B230 Developmental Issues and Health (4 cr.)
- NURS B234 Promoting Healthy Populations (3 cr.)

Semester four

- SPEA K300 Statistics (3 cr.)
- NURS B248 Science and Technology of Nursing (4 cr.)
- NURS B249 Science and Technology of Nursing Practicum (3 cr.)
- NURS B261 Pathophysiology and Pharmacology for Nursing Practice (4 cr.)

Junior Year

Semester five (Option 1)

- NURS H372 Concepts in Mental Health across the Lifespan (3 cr.)
- NURS H373 in Concepts Mental Health across the Lifespan Practicum (1 cr.)
- NURS H380 Health Concepts across the Lifespan I (3 cr.)
- NURS H381 Health Concepts across the Lifespan I Practicum (2 cr.)
- NURS R375 Nursing Research and Evidence-based Practice (3 cr.)

Semester five (Option 2)

- NURS H368 Nursing Care of Childbearing Families (3 cr.)
- NURS H369 Nursing Care of Childbearing Families Practicum (1 cr.)
- NURS H380 Health Concepts across the Lifespan I (3 cr.)
- NURS H381 Health Concepts across the Lifespan I Practicum (2 cr.)
- NURS H350 Topics in Contemporary Nursing Practice (1 cr.)
- PHIL P393 Biomedical Ethics (3 cr.)

Semester six (Option 1)

- NURS H368 Nursing Care of Childbearing Families (3 cr.)
- NURS H369 Nursing Care of Childbearing Families Practicum (1 cr.)
- NURS H390 Health Concepts across the Lifespan II (3 cr.)
- NURS H391 Health Concepts across the Lifespan II Practicum (2 cr.)
- NURS H350 Topics in Contemporary Nursing Practice (1 cr.)
- PHIL P393 Biomedical Ethics (3 cr.)

Semester six (Option 2)

- NURS H372 Concepts in Mental Health across the Lifespan (3 cr.)
- NURS H373 Concepts in Mental Health across the Lifespan Practicum (1 cr.)
- NURS H390 Health Concepts across the Lifespan II (3 cr.)
- NURS H391 Health Concepts across the Lifespan II Practicum (2 cr.)

- NURS R375 Nursing Research and Evidence-based Practice (3 cr.)

Senior Year

Semester seven (Option 1)

- NURS S430 Health Concepts across the Lifespan III (3 cr.)
- NURS S431 Health Concepts across the Lifespan III Practicum (2 cr.)
- NURS S483 Nursing Practice Capstone (4 cr.)
- Cultural/Historical Studies course (3 cr.)

Semester seven (Option 2)

- NURS S481 Nursing Management (3 cr.)
- NURS S482 Nursing Management Practicum (1 cr.)
- NURS S472 A Multi-system Approach to Health of the Community (3 cr.)
- NURS S473 Health of the Community Practicum (2 cr.)
- Cultural/Historical Studies course (3 cr.)

Semester eight (Option 1)

- NURS S481 Nursing Management (3 cr.)
- NURS S482 Nursing Management Practicum (1 cr.)
- NURS S472 A Multi-system Approach to Health of the Community (3 cr.)
- NURS S473 Health of the Community Practicum (2 cr.)
- NURS S485 Professional Growth and Empowerment (3 cr.)

Semester eight (Option 2)

- NURS S430 Health Concepts across the Lifespan III (3 cr.)
- NURS S431 Health Concepts across the Lifespan III Practicum (2 cr.)
- NURS S483 Nursing Practice Capstone (4 cr.)
- NURS S485 Professional Growth and Empowerment (3 cr.)

General-Education Requirements for the B.A./B.S. to B.S.N. Mobility Option

Cluster I Mathematical, Physical, and Life Sciences (26 credit hours required)

- PHSL P130 Human Biology (4 cr.)
- PHSL P261 Human Anatomy and Physiology I (4 cr.)
- PHSL P262 Human Anatomy and Physiology II (4 cr.)
- CHEM C110 The Chemistry of Life (3 cr.)
- BIOL M200 Microorganisms in Nature and Disease (4 cr.)
- SPEA K300 Statistics (3 cr.)
- MATH M100 Basic Mathematics (4 cr.)

Cluster II Communication (9 credit hours required)

- ENG W131 Elementary Composition (3 cr.)
- ENG W231 Professional Writing Skills (3 cr.)
- SPCH S121 Public Speaking (3 cr.)

Cluster III Cultural and Historical Studies (6 credit hours required)

- A list of courses meeting this requirement is available on request.

Cluster IV Social and Behavioral Sciences (9 credit hours required)

- SOC S161 Principles of Sociology
- PSY P101 or P102 Introductory Psychology
- PSY P216 Life Span Development

Cluster V Humanistic Appreciation (6 credit hours required)

- PHIL P393 Biomedical Ethics (3 cr.)
- A literature course (3 cr.)

Cluster VI Open Elective (2 credit hours required) if needed to total 120.

Consult the Coordinator of Student Services for advice.

Curriculum Plan for B.A. / B.S. to B.S.N. Mobility Option

Summer I (Irregular)

- NURS B220 Professional Nursing and Healthcare (4 cr.)
- NURS B221 Introductory Clinical Practicum Experience in Nursing (1 cr.)
- NURS B234 Promoting Healthy Populations (3 cr.)

Summer II (Irregular)

- NURS B248 Science and Technology of Nursing (4 cr.)
- NURS B249 Science and Technology of Nursing Practicum (3 cr.)
- NURS B261 Pathophysiology and Pharmacology for Nursing Practice (4 cr.)

Fall Semester (Option 1)

- NURS H372 Concepts in Mental Health across the Lifespan (3 cr.)
- NURS H373 Concepts in Mental Health across the Lifespan Practicum (1 cr.)
- NURS H380 Health Concepts across the Lifespan I (3 cr.)
- NURS H381 Health Concepts across the Lifespan I Practicum (2 cr.)
- NURS R375 Nursing Research and Evidence-based Practice (3 cr.)

Fall Semester (Option 2)

- NURS H368 Nursing Care of Childbearing Families (3 cr.)
- NURS H369 Nursing Care of Childbearing Families Practicum (1 cr.)
- NURS H380 Health Concepts across the Lifespan I (3 cr.)
- NURS H381 Health Concepts across the Lifespan I Practicum (2 cr.)
- NURS H350 Topics in Contemporary Nursing Practice (1 cr.)

Spring Semester (Option 1)

- NURS H368 Nursing Care of Childbearing Families (3 cr.)

- NURS H369 Nursing Care of Childbearing Families Practicum (1 cr.)
- NURS H390 Health Concepts across the Lifespan II (3 cr.)
- NURS H391 Health Concepts across the Lifespan II Practicum (2 cr.)
- NURS H350 Topics in Contemporary Nursing Practice (1 cr.)

Spring Semester (Option 2)

- NURS H372 Concepts in Mental Health across the Lifespan (3 cr.)
- NURS H373 Concepts in Mental Health across the Lifespan Practicum (1 cr.)
- NURS H390 Health Concepts across the Lifespan II (3 cr.)
- NURS H391 Health Concepts across the Lifespan II Practicum (2 cr.)
- NURS R375 Nursing Research and Evidence-based Practice (3 cr.)

Summer I

- NURS S472 A Multi-system Approach to Health of the Community (3 cr.)
- NURS S473 Health of the Community Practicum (2 cr.)

Summer II

- NURS S430 Health Concepts across the Lifespan III (3 cr.)
- NURS S431 Health Concepts across the Lifespan III Practicum (2 cr.)

Fall Semester

- NURS S481 Nursing Management (3 cr.)
- NURS S482 Nursing Management Practicum (1 cr.)
- NURS S483 Nursing Practice Capstone (4 cr.)
- NURS S485 Professional Growth and Empowerment (3 cr.)

General Education Requirements for the RN to BSN Mobility Option

Note: Some of the general education courses may not transfer in as our equivalent courses. However, we accept most general education courses taken for completion of the A.S.N. or Diploma as our equivalent for purposes of the B.S.N.

Students must complete a minimum of one course in each of these areas for a total of 18 credit hours (many if not most of these will be completed in the Associate Degree Program). These areas are:

Written Communication
Speaking and Listening
Quantitative Reasoning
Scientific Reasoning
Humanistic and Artistic Ways of Knowing
Social and Behavioral Ways of Knowing

An additional 34-35 credits of nursing or non-nursing courses must be taken to achieve a total of 120 credit hours and complete the general education requirements. Students should work with their advisor to select appropriate courses.

Curriculum Plan for RN to BSN Mobility Option (Sample only; order of courses is somewhat flexible)

- *Semester 1—Term 1*
 - B331 Transition to Baccalaureate Nursing Practice (must be taken first)
 - B304 Health Policy
- *Semester 1—Term 2*
 - S475 Community Health: RN BSN
 - H355 Data Analysis: RN BSN
- *Semester II—Term 1*
 - H365 Nursing Research: RN BSN
 - S474 Health Care Ethics: RN BSN
- *Semester II—Term 2*
 - S487 Nursing Management: RN BSN
 - Nursing Elective (list available from nursing advisor)
- *Semester III—Term 1*
 - B404 Informatics: RN BSN
 - Nursing Elective (list available from nursing advisor)
- *Semester III—Term 2*
 - R470 Clinical Nursing Practice Capstone: RN BSN
- Thirty-five credit hours of special credit for the remaining nursing courses leading to the BSN degree is awarded after completion of B331. Completion of the aforementioned will fulfill the graduation requirement of 120 credit hours.

TSAP RN-BSN

Completion of an eligible AS or AA degree at Ivy Tech or Vincennes may put you on a Single Articulation Pathway to a BA or BS at IU Northwest, without a loss of credit hours.

For more information on the TSAP RN-BSN see Single Articulation Pathways - Indiana University Northwest.

Master of Science in Nursing

Currently, the Master of Science in Nursing (MSN) program offers three graduate tracks: Family Nurse Practitioner (44 credit hours), Nursing Education (36 credit hours), and Nursing Administration (37 credit hours). The Master of Science in Nursing is delivered through a consortial agreement with the other IU Regional Schools of Nursing.

Purpose:

The purpose of the Master of Science in Nursing Regional Schools of Nursing consortium is to prepare registered nurses with advanced nursing knowledge in nursing education and administration, and advanced practice as a family nurse practitioner. Nurses with this advanced knowledge and advanced practice will enhance health care for the community and impact the health care delivery system. Serving in education, leadership, practice, and administrative roles will provide opportunities for enhanced healthcare delivery systems and ultimately improved health for citizens. Nurses with master's preparation are and will continue to be in strong demand.

The faculty of Indiana University Northwest's Master of Science in Nursing (MSN) program, understand the need for and the value of a culturally diverse workforce. Our faculty are committed to preparing advanced specialists who model excellence in nursing and use creativity to support the commitment, responsibility, and accountability for the advancement of human health.

IU Northwest Master's Degree in Nursing Program Outcomes

Graduates of the IU Northwest School of Nursing MSN program will:

1. Synthesize knowledge from nursing and related disciplines to inform clinical judgment and innovation in advanced nursing practice.
2. Practice to the full scope of education using effective communication and a systematic approach to coordinate person-centered care, empower advanced decision making, and promote self-care management.
3. Improve population health outcomes through partnerships, advocacy, and policies that improve health equity within systems and at local, regional, national, and global levels.
4. Advance the science of nursing through ethical scholarship and innovative and evidence-based approaches that advance the profession, improve health, and transform healthcare.
5. Apply quality improvement principles to establish a culture of patient, provider, and work environment safety to reduce and mitigate risk, safeguard care delivery, and improve nursing practice outcomes.
6. Facilitate a climate of mutual respect, improved communication, and quality collaboration within interprofessional teams that optimize care delivery.
7. Lead and respond to changes in complex systems through policy and coordination of resources for diverse populations in an equitable and fiscally responsible manner.
8. Evaluate and use information and communication technologies and informatics tools integrating best practices, regulatory standards, and ethical, legal, social implications in direct and indirect care roles.
9. Embody the core values and professional identity of nursing by advocating for social justice and integrating ethical, legal, regulatory, and professional standards.
10. Engages in personal and professional development to promote self-advocacy, resilience, and well-being to expand one's own nursing leadership capacity and contribute to the advancement of the nursing profession.

Admission Policies

Admission Requirements

Admission to the Indiana University Northwest School of Nursing (IUNSON) Master's Degree Program requires approval by the faculty and is based on the applicant's qualifications as evidenced by grade point average, statement of professional aspirations, official transcripts, references, etc. Acceptance into the program is competitive. The following criteria must be met for unconditional admission:

- Admission to Indiana University Northwest: Submission of an Official College Transcript (Degree granting and graduate courses if applicable).

Transcripts from all colleges and universities attended are required.

- Baccalaureate of Science in Nursing GPA of 2.8 or higher on a 4.0 scale from an NLN CNEA, ACEN, or CCNE accredited program.
- Copy of current RN license. Current unencumbered license or multistate license as a Registered Nurse (RN) in the states where practicum experiences will be completed.
- Statistics grade (by transcript or current completion at IU campus): Applicants need to have a grade of C or higher in a three credit, undergraduate college credit statistics course (or successfully complete prior to Research, R500).
- Personal Statement (goal statement): An essay that addresses the following:
 - o Identify your academic goals, career objectives, why you are applying to this program and the qualifications you have that make you a strong candidate for admission. (200-word count limit)
 - o Describe significant professional and life experiences that have prepared you for a master's education. Please discuss these experiences in detail. (400-word count limit)
 - o All students contribute to creating a diverse and inclusive environment when diversity is broadly defined. Whether by a personal attribute, characteristic, culture, experience, or behavior, please tell us how you believe you will contribute to the diversity of Indiana University and the nursing profession. The concept of diversity includes the following dimensions: race, ethnicity, gender, sexual orientation, socio-economic status, age, physical abilities, and religious beliefs. (200-word count limit)
- Essential Abilities. Applicants must agree to the Essential Abilities Policy of the School of Nursing. The policy states that students must demonstrate Essential Abilities in a variety of areas (judgment, neurological function, emotional coping skills, intellectual/conceptual skills, and other behavioral attributions) as well as meeting all progression criteria.
- Criminal Background Check and Urine Drug Screen.
- CV/Resume: May upload via online application
- References. Applicants must provide two professional references via online application (academic references are acceptable but at least one clinical reference should be submitted).
- Clinical practice. For the FNP track, two years of relevant full-time clinical practice as a Registered Nurse (RN) and currently working as an RN is preferred. For the education or administration track, one year of clinical experience as an RN is preferred.

Note: An applicant who does not meet one or more of the above criteria may be admitted with conditions or on probation.

M.S.N. Plan

Sample Curriculum Plan Family Nurse Practitioner Track (subject to change):

- Semester 1 (Spring)
 - NURS P505- Population Health

- NURS N504- Leadership for Advanced Practice
- Semester 2 (Summer)
 - NURS I630- Introduction to Nursing Informatics
 - NURS F570- Advanced Health Assessment
 - NURS F585- Advanced Health Assessment Lab
- Semester 3 (Fall)
 - NURS Y612- Advanced Pharmacology
 - NURS Y515- Advanced Pathophysiology
- Semester 4 (Spring)
 - NURS R500 Research Methods
 - NURS F580- Primary Care I
 - NURS F586- Primary Care I Practicum
- Semester 5 (Summer)
 - NURS D615- Quality and Safety
 - NURS F581- Primary Care II
 - NURS F587- Primary Care II Practicum
- Semester 6 (Fall)
 - NURS F582- Primary Care III
 - NURS F588- Primary Care III Practicum
- Semester 7 (Spring)
 - NURS F578- Primary Health Care for Families
 - NURS F589- Primary Health Care for Families Practicum

Sample Curriculum Plan for Nursing Education
(subject to change; curriculum is very flexible in terms of order of courses)

- Semester 1 (Fall)
 - NURS T670- Teaching in Nursing
 - NURS Y515- Advanced Pathophysiology
- Semester 2 (Spring)
 - NURS P505- Population Health
 - NURS N504- Leadership for Advanced Practice
- Semester 3 (Summer)
 - NURS I630- Introduction to Nursing Informatics
 - NURS F570- Advanced Health Assessment
 - NURS F585- Advanced Health Assessment Lab
- Semester 4 (Fall)
 - NURS Y612- Advanced Pharmacology
 - NURS T615- Nursing Curriculum
 - NURS T679- Practicum
- Semester 5 (Spring)
 - NURS R500 Research Methods
 - NURS T617 Evaluation in Nursing
 - NURS T679- Practicum
- Semester 6 (Summer)
 - NURS D615- Quality and Safety
 - NURS T679- Practicum

Sample Curriculum Plan for Nursing Administration
(subject to change; curriculum is very flexible in terms of order of courses)

- Semester 1 (Fall)
 - NURS L530- Legal Environment of Healthcare
 - NURS Y515- Advanced Pathophysiology
- Semester 2 (Spring)
 - NURS P505- Population Health
 - NURS N504- Leadership for Advanced Practice
- Semester 3 (Summer)
 - NURS I630- Introduction to Nursing Informatics
 - NURS F570- Advanced Health Assessment
 - NURS F585- Advanced Health Assessment Lab
- Semester 4 (Fall)
 - NURS Y612- Advanced Pharmacology
 - NURS L574- Administrative Management
 - NURS L579- Practicum
- Semester 5 (Spring)
 - NURS R500 Research Methods
 - NURS L671- Financial Management
 - NURS L579- Practicum
- Semester 6 (Summer)
 - NURS D615- Quality and Safety
 - NURS L579- Practicum

Minor in Public Health

The College of Health and Human Services, in collaboration with other schools and departments, offers courses leading to an interdisciplinary minor in Urban Public Health. This minor leads to a broad understanding of public health principles and their application in an urban context; exposure to issues such as environmental health and justice, public health preparedness, and healthcare structures and policy; as well as an understanding of the urban community in general. Students will be introduced to the roles and functions of public health science and practice.

Requirements (15 cr. hr.)

- PBHL P201 Introduction to Public Health in the Urban Environment (3 cr.)
- SPEA H322 Principles of Epidemiology (3 cr.)
- AAAD A206 The Urban Community (3 cr.)
- and 2 additional courses (6 credit hours) selected in consultation with a departmental advisor

School of Public and Environmental Affairs

Administrative Officer

Eric Lambert, Ph.D., *Professor, Director and Assistant Dean*

Web site: www.northwest.iu.edu/spea/ **Phone:** (219) 980-6695

About the School of Public and Environmental Affairs

The Trustees of Indiana University established the School of Public and Environmental Affairs (SPEA) as a statewide program of the university in January 1972.

The School of Public and Environmental Affairs at IU Northwest offers academic programs at the baccalaureate and master's degree levels for both IU Northwest students and for individuals presently working in public affairs, criminal justice, health services, human services, nonprofit organizations, or environmental affairs settings. The school also operates a unit designed to address a variety of public issues and problems, in particular those in northwest Indiana. SPEA conducts research on public problems, provides services to public agencies, and engages in educational programs designed to aid public officials and to inform the public on a variety of public issues.

Public Service Internship Program

The Public Service Internship Program involves participation by undergraduate students. Undergraduate students enroll in SPEA V380 Internship in Public Affairs or SPEA J380 Internship in Criminal Justice. Graduate students enroll in SPEA V585 Practicum in Public Affairs. Full-time assignment in a public service internship for one semester is acknowledged up to 6 credit hours. Internship credit is recommended for undergraduate students. In the undergraduate program, a maximum of 15 credit hours is allowed for participation in off-campus experiences.

Internship possibilities are developed by the school and involve specific job descriptions from public and private agencies willing to involve students in significant professional activities in public and environmental affairs. The student has the option of identifying their own internship site; however, the site must be approved by the internship coordinator. In all cases, specific job details and descriptions of supervisory capacity of the agencies must be filed before credit may be arranged. No off-campus experiences are approved for credit unless the necessary information is filed and approved before the assignment begins. It is recommended the approval process be complete prior to the internship semester. Information can be obtained from the School of Public and Environmental Affairs at IU Northwest.

While the internship program is intended for students enrolled in the School of Public and Environmental Affairs, students in related disciplines who have an interest in the public sector and meet eligibility requirements may be considered for admission on a provisional basis.

Undergraduate Programs

Bachelor Degrees Degree Policies

The School of Public and Environmental Affairs offers four Bachelor of Science degree programs. The degrees are the Bachelor of Science in Criminal Justice, Bachelor of Science in Forensic Science, Bachelor of Science in Health Services Management and the Bachelor of Science in Public Affairs.

1. A minimum of 120 credit hours distributed to meet degree requirements with a cumulative grade point average of 2.0 for all course work completed is required.

2. A grade point average of at least 2.3 in SPEA core and concentration courses is required.
3. No more than 90 credit hours of transfer credit from another accredited institution may be applied toward the bachelor degree.
4. Courses taken on the Pass/Fail option can only be applied as electives in meeting degree requirements. In no case can more than eight Pass/Fail courses be used in meeting degree requirements.
5. Credit work for this degree can be completed at any campus of Indiana University.
6. Candidates for degrees must file an application for graduation. Application should be filled at least six weeks prior to the conferring of degrees.

Second Bachelor's Degree

A student who already has a bachelor's degree may be admitted to candidacy for a second bachelor's degree. When such admission for a second degree is granted, the candidate must earn at least 30 additional credit hours as a student enrolled in SPEA and meet all the requirements of the SPEA degree being sought. Normally, the holder of a bachelor's degree who wishes to pursue further education is encouraged to become qualified for admission to graduate study.

Bachelor of Science in Criminal Justice

The Bachelor of Science in Criminal Justice provides preparation for students interested primarily in a career in criminal justice and related areas. The program includes four main areas: general education, public affairs and policy, criminal justice, and general electives.

Learning Outcomes:

- 1) Describe an overview of the administrative, institutional, and organizational framework of the various components of the criminal justice system in the United States; identify how diversity impacts the policing, processing and punishment of offenders.
- 2) Analyze the history and evolution of major theories of crime and philosophies of punishment; discuss corresponding public policies and social changes influencing the administration of justice.
- 3) Define crime, legally and socially, and how it is measured; interpret major sources of criminal justice/ social science research and data, apply basic research methods to research questions, and evaluate ethical issues involved in research.
- 4) Examine the constitutional foundations of criminal law and the structure, process and actors in the court system, especially the tension between individual rights and public order. Analyze landmark legal cases, as well as current issues in processing criminal cases.
- 5) Critically analyze current crime issues, policies and strategies; demonstrate ability to integrate and apply knowledge to evaluate current criminal justice issues and problems.

General Education

The General Education requirements are based on five (5) principles. These principles guide undergraduate students in their educational experience at Indiana University

Northwest and the School of Public and Environmental Affairs. By fulfilling these requirements, students will have an opportunity to develop effective learning and communication skills (principle 1 requirements), a mastery of core concepts in a broad range of disciplines (Principle 2), the ability to analyze and synthesize information (Principle 3), an awareness of diversity (Principle 4), and ethical consideration (Principle 5).

Principle 1 Foundations for Effective Learning and Communication (11 courses)

All students are required to take:

ENG W131 Reading, Writing, and Inquiry 1 (3 cr.)
SPCH S121 Public Speaking (3 cr.)

In addition, all students must complete the following requirements under Principle 1:

1. Mathematics (3 cr.)

One of the following courses:

MATH M100 Basic Mathematics (3 cr.)
MATH M118 Finite Mathematics (3 cr.)
MATH M119 Survey of Calculus I (3 cr.)
MATH M125 Precalculus Mathematics (3 cr.)

2. Natural Science Class with Lab (4-6 cr.)

BIOL L100 Humans and the Biological World (5 cr.)
CHEM C101 Elementary Chemistry I (3 cr.)
CHEM C121 Elementary Chemistry Lab I (2 cr.)
GEOL G101 Introduction to Earth Science (3 cr.)
GEOL G102 Introduction to Earth Science Lab I (1 cr.)

3. Intensive Writing Courses (6 cr.)

ENG W231 Professional Writing (3 cr.) Required
SPEA J439 Crime and Public Policy (3 cr.) (See course description for prerequisite)

4. Advanced Oral Communication Course (3 cr.)

One of the following courses:

SPEA J201 Theoretical Foundation of Criminal Justice (3 cr.)
SPEA J222 Murder: Causes and Consequences (3 cr.)
SPEA J312 White Collar Crime (3 cr.)

5. Advanced Math Reasoning Course (3 cr.)

One of the following courses:

SPEA K300 Statistical Techniques (3 cr.)
ECON E270 Introduction to Statistical Theory for Economics and Business (3 cr.)

6. Advanced Scientific Reasoning Course (3 cr.)

One of the following courses:

SPEA E272 Intro to Environmental Science (3 cr.)
SPEA H322 Principles of Epidemiology (3 Cr.)
SPEA J215 Concepts of Forensic Science (3 cr.)

7. Information Literacy (3 cr.)

SPEA J202 Criminal Justice Data, Methods and Resources (3 cr.)

8. Learning Technologies course (3 cr.)

SPEA V261 Using Information Technology in Public Affairs (3 cr.)

Principle 2 Breadth of Learning

1. Arts & Humanities (6 cr.)

Two of the following courses:

HIST H105 American History I (3 cr.)
HIST H106 American History II (3 cr.)
AAAD A150 Survey of the Culture of Black Americans (3 cr.)
AAAD A151 Minority People in the United States (3 cr.)
ANTH A104 Culture & Society (3 cr.)
ANTH A104 Cultural Anthropology (3 cr.)
PHIL P100 Introduction to Philosophy (3 cr.)
PHIL P140 Introduction to Ethics (3 cr.)
PHIL P150 Elementary Logic (3 cr.)
WGS W401 Topics in Women's and Gender Studies (3 cr.)

*2. Cultural & Historical Studies (6 cr.)

Two classes from approved College of Arts and Science list* of classes, not including H105 and H106

3. Social & Behavioral Sciences (6 cr.)

Two of the following courses:

SOC S161 Principles of Sociology (3 cr.)
SOC S163 Social Problems (3 cr.)
SOC S320 Deviant Behavior & social Control (3 cr.)
SOC S325 Criminology (3 cr.)

*4. Mathematical, Physical and Life Sciences (3 cr.)

One class from approved College of Arts and Sciences list; in addition to the natural science class under Principle 1.

Principle 3 Critical Thinking, Integration, and Application of Knowledge (One Course)

SPEA J439 Crime and Public Policy (3 cr.) (see course description for prerequisite)

Principle 4 Diversity (One Course)

One of the following courses:

SPEA J275 Diversity Issues in Criminal Justice (3 cr.)
SPEA V264 Community Structures and Policy (3 cr.)

Principle 5 Ethics & Citizenship (One Course)

One of the following courses:

SPEA J202 Criminal Justice Data, Methods & Resources (3 cr.)
SPEA V252 Career Development and Planning (3 cr.)
SPEA V264 Community Structures and Policy

Public Affairs and Policy (4 courses)

Four courses from the following:

SPEA E272 Intro to Environmental Science (3 cr.)
SPEA V170 Intro to Public Affairs (3 cr.)
SPEA V252 Career Development and Planning (3 cr.)

SPEA V263 Public Management (3 cr.)
 SPEA V264 Community Structures and Policy (3 cr.)
 SPEA V348 Management Science (3 cr.)
 SPEA V365 Urban Development and Planning (3 cr.)
 SPEA V366 Managing Behavior in Public Organizations (3 cr.)
 SPEA V372 Government Finance and Budgets (3 cr.)
 SPEA V376 Law and Public Policy (3 cr.)
 Other Public Affairs Courses (with advisor's consent)

Concentration (12 courses)

All of the following courses:

SPEA J101 American Criminal Justice System (3 cr.)
 SPEA J150 Public Safety in America (3 cr.)
 SPEA J201 Theoretical Foundations of Criminal Justice Policies (3 cr.)
 SPEA J202 Criminal Justice Data, Methods, and Resources (3 cr.)
 SPEA J301 Substantive Criminal Law (3 cr.)
 SPEA J306 The Criminal Courts (3 cr.)
 SPEA J321 American Policing (3 cr.)
 SPEA J331 Corrections (3 cr.)
 SPEA J439 Crime and Public Policy (3 cr.) (see course description for prerequisite)
 Three additional courses in criminal justice

General Electives (approximately 7 courses)

Students must take additional courses beyond the requirements listed above to meet the minimum B.S. degree requirements of 120 credit hours.

*The College of Arts and Sciences list of classes can be obtained from the School of Public and Environmental Affairs or retrieved from the SPEA website.

TSAP in Criminal Justice - B.S.

Completion of an eligible AS or AA degree at Ivy Tech or Vincennes may put you on a Single Articulation Pathway to a BA or BS at IU Northwest, without a loss of credit hours.

For more information on the TSAP in Criminal see Single Articulation Pathways - Indiana University Northwest .

Bachelor of Science in Health Services Management

The Bachelor of Science in Health Services Management provides preparation for students interested primarily in careers in the health field. Students will be prepared for management positions within hospitals, nursing homes, healthcare facilities or nonprofit agencies.

Learning Outcomes

- 1) Demonstrate knowledge of the U.S. healthcare system, including delivery, finances, quality, and regulatory policies and practices.
- 2) Demonstrate competencies in communication, interpersonal relations, management, and leadership to enhance organizational effectiveness.
- 3) Demonstrate knowledge of cultural competence with individuals, communities, and populations across the lifespan.

4) Demonstrate sensitivity and responsiveness to a diverse patient population and analyze the social and environmental factors that contribute to different health outcomes in various communities.

5) Analyze contemporary ethical issues from multiple perspectives, including that of medical professionals, patients, and society in general.

6) Analyze the impact of social policy, finance, regulations, and legislation on healthcare for individuals, communities, and populations across the lifespan, and for the professional practice of healthcare management, through an ethical-legal framework

General Education

The General Education requirements are based on five (5) principles. These principles guide undergraduate students in their educational experience at Indiana University Northwest and the School of Public and Environmental Affairs. By fulfilling these requirements students will have an opportunity to develop effective learning and communication skills (Principle 1), a mastery of core concepts in a broad range of disciplines (Principle 2), the ability to analyze and synthesize information (Principle 3), an awareness of diversity (Principle 4), and ethical considerations (Principle 5).

Principle 1 Foundations for Effective Learning and Communication (11 courses)

All students are required to take:

- ENG W131 Reading, Writing, and Inquiry 1 (3 cr.)
- SPCH S121 Public Speaking (3 cr.)

In addition, all students must complete the following requirements under Principle 1:

1. Mathematics (3 cr.)

One of the following courses:

- MATH-M 100 Basic Mathematics (3 cr.)
- MATH M118 Finite Mathematics (3 cr.)
- MATH M119 Survey of Calculus I (3 cr.)
- MATH M125 Precalculus Mathematics (3 cr.)
- MATH M215 Analytic Geometry and Calculus I (5 cr.)

2. Natural Science Class (4-6 cr.)

One course with a lab from biology or chemistry

3. Intensive Writing Courses (6 cr.)

Both of the following courses:

- ENG W231 Professional Writing (3 cr.)
- SPEA H452 Health Disparities (3 cr.)

4. Advanced Oral Communication Course (3 cr.)

One of the following courses:

- SPCH S223 Business and Professional Speaking (3 cr.)
- SPCH S229 Discussion and Group Methods (3 cr.)
- SPEA V263 Public Management (3 cr.)

5. Advanced Math Reasoning Course (3 cr.)

- SPEA K300 Statistical Techniques (3 cr.)
6. Advanced Scientific Reasoning Course (3 cr.)
- SPEA H322 Principles of Epidemiology (3 Cr.)
7. Information Literacy (3 cr.)
- SPEA H322 Principles of Epidemiology (3 cr.)
8. Learning Technologies course (3 cr.)
- SPEA V261 Using Information Technology in Public Affairs (3 cr.)

Principle 2 Breadth of Learning

1. Arts & Humanities (6 cr.)

Both of the following:

- HIST H105 American History I (3 cr.)
- HIST H106 American History II (3 cr.)

*2. Cultural & Historical Studies (6 cr.)

Two classes from approved College of Arts and Science list of classes, not including H105 and H106

3. Social & Behavioral Sciences (6 cr.)

Two of the following

- POLS Y103 Introduction to American Politics
- ECON E201 Introduction to Microeconomics
- ECON E202 Introduction to Macroeconomics

*4. Mathematical, Physical and Life Sciences (3 cr.)

One class from approved College of Arts and Sciences list of classes; in addition to the natural science class under Principle 1

Principle 3 Critical Thinking, Integration, and Application of Knowledge (One Course)

- SPEA H474 Health Administration Ethics Seminar (3 cr.)

Principle 4 Diversity (One Course)

- SPEA H320 Health Systems Administration (3 cr.)

Principle 5 Ethics & Citizenship (One Course)

One of the following courses:

- SPEA V450 Medical Ethics (3 cr.)
- SPEA H441 Legal Aspects of Health Care

Management Core (4 courses)

The following courses:

- SPEA V263 Public Management (3 cr.)
- SPEA V346 Introduction to Government Accounting and Financial Reporting (3 cr.)
- SPEA V348 Management Science (3 cr.)
- SPEA V366 Managing Behavior in Public Organizations (3 cr.)

Health Service Management Concentration (9 courses)

The following courses:

- SPEA H316 Environmental Health Science (3 cr.)
- SPEA H320 Health Systems Administration (3 cr.)
- SPEA H322 Principles of Epidemiology (3 cr.)

- SPEA H352 Healthcare Financial Management I (3 cr.)
- SPEA H371 Human Resources Management in Health Care Facilities (3 cr.)
- SPEA H402 Hospital Administration (3 cr.)
- SPEA H411 Chronic and Long-Term Care Administration (3 cr.)
- SPEA H441 Legal Aspects of Health Care Administration (3 cr.)
- SPEA H445 Topics in Public Health (3 cr.)

Electives: Students must take additional courses beyond the requirements listed above to meet the minimum B.S. degree requirement of 120 credit hours.

*The College of Arts and Sciences list of classes can be obtained from the School of Public and Environmental Affairs.

Bachelor of Science in Public Affairs

The Bachelor of Science in Public Affairs degree program provides students with the knowledge, skills, and abilities to prepare them for a variety of career opportunities in the public sector, nonprofit sector, and allied fields.

Concentration areas of study include management, criminal justice, health services administration, environmental policy and specialized study in public and environmental affairs.

Learning Outcomes

- 1) To analyze policies and the policy process and make suggested changes.
- 2) To analyze, synthesize, think critically, solve problems, and make decisions.
- 3) To communicate effectively.
- 4) To use critical thinking skills to use data and information to advocate for changes to for key aspects of the U.S. public service system.
- 5) To understand diversity, equity, and inclusion in order to interact productively with a diverse and changing workforce.
- 6) To articulate and apply a public service perspective.

Curriculum

General Education

The General Education requirements are based on five (5) principles. These principles guide undergraduate students in their educational experience at Indiana University Northwest and the School of Public and Environmental Affairs. By fulfilling these requirements students will have an opportunity to develop effective learning and communication skills (principle 1 requirements), a mastery of core concepts in a broad range of disciplines (Principle 2), the ability to analyze and synthesize information (Principle 3), an awareness of diversity (Principle 4) and ethical consideration (Principle 5).

Principle 1 Foundations for Effective Learning and Communication (11 courses)

All students are required to take:

ENG W131 Reading, Writing, and Inquiry 1 (3 cr.)
 SPCH S121 Public Speaking (3 cr.)

In addition, all students must complete the following requirements under Principle 1:

1. Mathematics (3 cr.)

One of the following courses:

MATH M100 Basic Mathematics (4 cr.)
 MATH M118 Finite Mathematics (3 cr.)
 MATH M119 Survey of Calculus I (3 cr.)
 MATH M125 Precalculus Mathematics (3 cr.)
 MATH M215 Analytic Geometry and Calculus (3 cr.)

2. Natural Science Class with Lab (4-6 cr.)

One course with a lab from biology, chemistry, geology, or physics.

3. Intensive Writing Courses (6 cr.)

Both of the following courses:

ENG W231 Professional Writing (3 cr.)
 SPEA V368 Managing Government Operations (3 cr.)

4. Advanced Oral Communication Course (3 cr.)

One of the following courses:

SPCH S223 Business and Professional Speaking (3 cr.)
 SPCH S229 Discussion and Group Methods (3 cr.)
 SPEA V373 Human Resources Management in the Public Sector (3 cr.)
 SPEA V346 Introduction to Government Accounting and Financial Reporting (3 cr.)

5. Advanced Math Reasoning Course (3 cr.)

SPEA K300 Statistical Techniques (3 cr.)

6. Advanced Scientific Reasoning Course (3 cr.)

One of the following courses:

SPEA E272 Intro to Environmental Science (3 cr.)
 SPEA H322 Principles of Epidemiology (3 Cr.)

7. Information Literacy (3 cr.)

One of the following courses:

SPEA J202 Criminal Justice Data, Methods, and Resources (3 cr.)
 Approved Research Methods class (3 cr.)

8. Learning Technologies course (3 cr.)

SPEA V261 Using Information Technology in Public Affairs (3 cr.)

Principle 2 Breadth of Learning (9 courses)

1. Arts & Humanities (6 cr.)

Both of the following:

HIST H105 American History I (3 cr.)
 HIST H106 American History II (3 cr.)

*2. Cultural & Historical Studies (6 cr.)

Two classes from approved College of Arts and Science list* of classes, not including H105 and H106

3. Social & Behavioral Sciences (6 cr.)

Two of the following courses:

POLS Y103 Introduction to American Politics (3 cr.)
 ECON E201 Introduction to Microeconomics (3 cr.)
 ECON E202 Introduction to Macroeconomics (3 cr.)

*4. Mathematical, Physical and Life Sciences (3 cr.)

One class from approved College of Arts and Sciences list; in addition to the natural science class under Principle 1.

Principle 3 Critical Thinking, Integration, and Application of Knowledge (One Course)

One of the following:

SPEA V473 Management, Leadership and Policy (3 cr.)
 Other approved SPEA class (3 cr.)

Principle 4 Diversity (One Course)

One of the following:

SPEA E272 Intro to Environmental Sciences (3 cr.)
 SPEA H320 Health Systems Administration (3 cr.)
 Other approved SPEA class (3 cr.)

Principle 5 Ethics & Citizenship (One Course)

One of the following courses:

SPEA V450 Medical Ethics (3cr.)
 SPEA H441 Legal Aspects of Health Care (3 cr.)
 SPEA J321 American Policing (3 cr.)

Public Affairs Core (6 courses)

SPEA E272 Intro to Environmental Science. (3 cr.)
 SPEA V170 Intro to Public Affairs (3 cr.)
 SPEA V263 Public Management (3 cr.)
 SPEA V264 Community Structures and Policy (3 cr.)
 SPEA V372 Government Finance and Budgets (3 cr.)
 SPEA V376 Law and Public Policy (3 cr.)

Concentrations

Criminal Justice Concentration (7 courses) Requirements

SPEA J101 American Criminal Justice System (3 cr.)

Three of the following courses:

SPEA J201 Theoretical Foundations of Criminal Justice Policies (3 cr.)
 SPEA J202 Criminal Justice Data, Methods, and Resources (3 cr.)
 SPEA J301 Substantive Criminal Law (3 cr.) or SPEA J302 Procedural Criminal Law (3 cr.)
 SPEA J439 Crime and Public Policy (3 cr.)

Two of the following three courses:

SPEA J306 The Criminal Courts (3 cr.)
 SPEA J321 American Policing (3 cr.)
 SPEA J331 Corrections (3 cr.)

Management Concentration (6 courses) Requirements

Students will take the following courses:

- SPEA V346 Introduction to Government Accounting and Financial Reporting (3 cr.)
- SPEA V366 Managing Behavior in Public Organizations (3 cr.)
- SPEA V368 Managing Government Operations (3 cr.)

Any three SPEA courses selected with consent of advisor.

Health Services Administration Concentration (6 courses) Requirements

The following three courses:

- SPEA H320 Health Systems Administration (3 cr.)
- SPEA H352 Healthcare Financial Management 1 (3 cr.)
- SPEA H441 Legal Aspects of Health Care Administration (3 cr.)

Three of the following courses with the consent of the advisor:

- SPEA H316 Environmental Health Science (3 cr.)
- SPEA H322 Principles of Epidemiology (3 cr.)
- SPEA H371 Human Resources Management in Health Care Facilities (3 cr.)
- SPEA V375 Emergency Services Administration (3 cr.)
- SPEA H402 Hospital Administration (3 cr.)
- SPEA H474 Health Administration Ethics Seminar (3 cr.)

Specialized Public Affairs Concentration (6 courses) Requirements

A specialized concentration adaptable to the student's interest.

Four of the six courses in the concentration must be SPEA courses.

All courses in the concentration (SPEA and nonSPEA) must be at the 300 or 400 level.

Students must have their advisor's approval for the concentration and the courses selected.

Environmental Policy Concentration (6 courses) Requirements

The following courses:

- SPEA E400 Topics in Environmental Studies: Environmental Law
- SPEA E400 Topics in Environmental Studies: Environmental Planning
- SPEA H316 Environmental Health Science

Any other three SPEA courses selected with consent of the advisor.

Note: Electives: Students must take additional courses beyond the requirements listed above to meet the minimum B.S. degree requirement of 120 credit hours

*The College of Arts and Sciences list of classes can be obtained from the School of Public and Environmental Affairs or retrieved from the SPEA website.

Certificate in Public Health

The Certificate in Public Health is available to undergraduate students in all divisions of the university.

The curriculum provides a basic understanding of environmental health issues, current health policies, the structure of the medical care delivery system, administration techniques used in health-related facilities, and methods of determining the significance of various factors on health.

The Certificate in Public Health requires 18 credit hours, including three required courses and three courses from a list of health-related courses. To be eligible for the certificate, students must complete the following requirements in addition to all requirements for the baccalaureate degree program of their choice.

Requirements

All of the following courses:

- SPEA H316 Environmental Health Science (3 cr.)
- SPEA H320 Health Systems Administration (3 cr.)
- SPEA H322 Principles of Epidemiology (3 cr.)

Three of the following:

- SPEA H342 Community Health Education (3 cr.)
- SPEA H416 Environmental Health Policy (3 cr.)
- SPEA H441 Legal Aspects of Hospital Health Care Administration (3 cr.)
- SPEA V450 Contemporary Issues in Public Affairs-Health Topics (3 cr.)
- SPEA E400 Topics in Environmental Studies (3 cr.)

Other approved planning, management, and policy courses related to health

Area Certificate in Public Affairs

The School of Public and Environmental Affairs offers the Area Certificate in Public Affairs to students wishing to study public policy, governmental organization, and public management skills in addition to the major area of their undergraduate programs. The program is interdisciplinary, and students from any department or school of Indiana University are eligible.

The Area Certificate in Public Affairs requires a total of 27 credit hours, of which SPEA must teach at least 15 but no more than 21 credit hours. (Each course carries 3 credit hours.) To be eligible for a certificate, Indiana University students must complete the following requirements in addition to satisfying all degree requirements for the baccalaureate degree program of their choice:

Requirements

All of the following:

- SPEA-E 272 Intro to Environmental Science (3 cr.)
- SPEA-V 170 Intro to Public Affairs (3 cr.)
- SPEA-V 264 Community Structures and Policy (3 cr.)

One course each from two of the following groups:

Organizational Behavior

- SPEA-J 310 Introduction to Administrative Process (3 cr.)
- SPEA-V 270 Survey of Administrative Techniques (3 cr.)
- BUS-Z 302 Managing and Behavior in Organizations (3 cr.)

- POLS-Y 390 Micropolitics and Organizational Behavior (3 cr.)

Public Administration

- SPEA-V 366 Managing Behavior in Public Organizations (3 cr.)

Law

- SPEA-V 376 Law and Public Policy (3 cr.)
- POLS-Y 304 / POLS-Y 305 American Constitutional Law I and II (3/3 cr.)
- BUS-L 201 Legal Environment of Business (3 cr.)
- SPEA-J 301 Substantive Criminal Law (3 cr.)

Four courses from one of the following categories:

School of Public and Environmental Affairs

- SPEA-V 260 Topics in Public Affairs (3 cr.)
- SPEA-V 346 Introduction to Government Accounting and Financial Reporting (3 cr.)
- SPEA-V 348 Management Science (3 cr.)
- SPEA-V 365 Urban Development and Planning (3 cr.)
- SPEA-V 372 Government Finance and Budgets (3 cr.)
- SPEA-V 373 Human Resource Management in the Public Sector (3 cr.)
- SPEA-V 432 Labor Relations in the Public Sector (3 cr.)
- SPEA-V 442 Budgeting or Cost/Benefit (3 cr.)
- SPEA-V 444 Public Administrative Organization (3 cr.)
- SPEA-V 449 Senior Policy Analysis (3 cr.)
- SPEA-V 450 Contemporary Issues in Public Affairs (3 cr.)
- SPEA-V 472 Policy Processes in the U.S. (3 cr.)

Political Science

- POLS-Y 200 Citizen and the Courts (3 cr.) (This is a topics in political science course. The only acceptable topic is "Citizen and the Courts.")
- POLS-Y 302 Public Bureaucracy in Modern Society (3 cr.)
- POLS-Y 306 State Politics in the United States (3 cr.)
- POLS-Y 394 Public Policy Analysis (3 cr.)

Criminal Justice

- SPEA-J 101 American Criminal Justice System (3 cr.)
- SPEA-J 322 Introduction to Criminalistics (3 cr.)
- SPEA-J 370 Social Control Systems (3 cr.) (This is a seminar in criminal justice course. The only acceptable topic is "Social Control Systems.")

Sociology

- SOC-S 320 Deviance and Control (3 cr.)
- SOC-S 325 Criminology (3 cr.)
- SOC-S 461 Urban Sociology (3 cr.)
- SOC-S 424 Sociology of Law (3 cr.)

Certificate in Public Safety

The Certificate in Public Safety offers a broad overview of law enforcement and its relationship to the other elements

in the criminal justice process. It is useful to sworn and nonsworn personnel, as well as to those seeking employment in law enforcement. The certificate also provides excellent transition into the Bachelor of Science in Criminal Justice degree program.

General Education (9 cr.)

- ENG-W 131 Reading, Writing and Inquiry I (3 cr.)
- SPCH-S 121 Public Speaking (3 cr.)
- PSY-P 101 Introduction to Psychology I (3 cr.) **OR** SOC-S 161 Principles of Sociology (3 cr.)

Criminal Justice (18 cr.)

- SPEA-J 101 American Criminal Justice System (3 cr.)
- SPEA-J 301 Substantive Criminal Law (3 cr.)
- SPEA-J 310 Introduction to Administrative Process (3 cr.)
- SPEA-J 321 American Policing (3 cr.)
- SPEA-J 320 Criminal Investigation (3 cr.) **OR** SPEA-J 322 Criminalistics (3 cr.)
- SPEA-J 370 Seminar in Criminal Justice (3 cr.)
- Approved SPEA-J course

TOTAL: 27 credit hours

Minors

- Minor in Environmental Science and Health
- Minor in Health Systems Administration
- Minor in Public and Environmental Affairs
- Minor in Criminal Justice
- Minor in Forensics for Criminal Investigation
- Minor in Pre-law

Minor in Criminal Justice

Requirements (Five courses)

- SPEA J101 American Criminal Justice System (3 cr.)
- SPEA J301 Substantive Criminal Law (3 cr.)

Three of the following courses:

- SPEA J201 Theoretical Foundations of Criminal Justice Policies (3 cr.)
- SPEA J306 Criminal Courts (3 cr.)
- SPEA J321 American Policing (3 cr.)
- SPEA J331 Corrections (3 cr.)

Minor in Environmental Science and Health

Requirements (Five courses)

The following courses:

- SPEA-H 316 Environmental Health Science (3 cr.)

Four additional courses in environmental science and health approved by a SPEA advisor.

Minor in Health Systems Administration

Requirements (Five courses)

- SPEA-H 320 Health Systems Administration (3 cr.)
- SPEA-H 371 Human Resources Management in Health Care Facilities (3 cr.) **OR** SPEA-V 373 Human Resource Management in the Public Sector (3 cr.)

Three of the following courses:

- SPEA-H 352 Healthcare Financial Management 1 (3 cr.)
- SPEA-H 402 Hospital Administration (3 cr.)
- SPEA-H 411 Chronic and Long-Term Care Administration (3 cr.)
- SPEA-H 441 Legal Aspects of Health Care Administration (3 cr.)
- SPEA-H 455 Topics in Public Health (3 cr.)

Pre-law Minor (Six courses)

Interdisciplinary Minor in the College of Arts and Sciences (COAS), the School of Business and Economics, and the School of Public and Environmental Affairs (SPEA).

Admission to law schools requires a baccalaureate degree and a Law School Admission Test (LSAT) score. The degree may be in any discipline. Students preparing for law school are advised to take courses in logical thought, American history, American politics, business, and criminal and civil law. While no specific courses are required, IU Northwest offers an interdisciplinary prelaw minor for students interested in attending law school.

The minor includes six courses totaling 18 credits. Students in SPEA, the School of Business and Economics, and history majors in the College of Arts and Sciences could double-count courses that are required for their major or concentration, but they are required to take at least four courses or 12 credits outside of their major or concentration.

The structure of the minor is as follows:

- BUS L201 Legal Environment of Business
- HIST H106 American History II (Twentieth Century)
- PHIL P150 Elementary Logic
- POLS Y103 Introduction to American Politics
- SPEA J101 American Criminal Justice System
- One elective

Students may pick from the following courses for the elective:

- BUS A201 Introduction to Financial Accounting
- BUS L303 The Commercial Law
- ECON E201 Introduction to Microeconomics
- HIST A313 Origins of Modern America
- HIST A315 Recent U.S. History
- HIST H105 American History I
- SPEA H441 Legal Aspects of Health Care Administration
- SPEA J301 Substantive Criminal Law
- SPEA J303 Evidence

The prelaw advisor can approve an elective that is not on the list if it meets the educational objectives.

The university provides prelaw counseling for interested students. Contact the prelaw advisor at (219) 980-6695 or (219) 981-5668.

Minor in Public and Environmental Affairs Requirements (Five courses)

- SPEA-V 170 Intro to Public Affairs (3 cr.)

One of the following courses:

- SPEA-E 162 Environment and People (3 cr.)
- SPEA-E 272 Intro to Environmental Science (3 cr.)

Three of the following courses:

- SPEA-E 400 Topics in Environmental Studies (3 cr.)
- SPEA-V 263 Public Management (3 cr.)
- SPEA-V 366 Managing Behavior in Public Organizations (3 cr.)
- SPEA-V 373 Human Resource Management in the Public Sector (3 cr.)
- SPEA-V 376 Law and Public Policy (3 cr.)
- SPEA-V 432 Labor Relations in the Public Sector (3 cr.)
- SPEA-V 444 Public Administrative Organization (3 cr.)
- SPEA-V 450 Contemporary Issues in Public Affairs (3 cr.)

Minor in Forensics for Criminal Investigation Requirements (Six courses)

- SPEA J101 American Criminal Justice System (3 cr.)
- SPEA J222 Murder in America Causes and Consequences (3 cr.)

One of the following courses:

- SPEA J 150 Public Safety in America (3 cr.)
- SPEA J 370 Seminar in Criminal Justice (3 cr.)
- SPEA J 305 Juvenile Justice (3 cr.)

One of the following courses:

- SPEA J 215 Forensic Science and the Criminal Justice System (3 cr.)
- SPEA J 322 Introduction to Criminalistics (3 cr.)

One of the following courses:

- SPEA J 303 Evidence (3 cr.)
- SPEA J 320 Criminal Investigation (3 cr.)

One of the following courses:

- SPEA J 301 Substantive Criminal Law (3 cr.)
- SPEA J 302 Procedural Criminal Law (3 cr.)

Accelerated Bachelor to Master of Public Affairs Program

The School of Public and Environmental Affairs at IUN offers a joint accelerated Bachelor of Science in the School of Public and Environmental Affairs to Master of Public Affairs program.

- This program is designed to offer current qualified undergraduate students the opportunity to take graduate level coursework as an undergraduate student and earn credit for their undergraduate program requirements while also earning graduate level credit towards the Master of Public Affairs degree.

Students completing approved graduate level coursework will receive credit towards their undergraduate requirements and upon completion of their bachelor's degree will have credits that can be used towards the Master of Public Affairs program provided meeting the minimum admission requirements. Upon admission to the Master of Public Affairs program, students who have completed the graduate level courses at the

undergraduate level will have up to 12 credits of graduate level coursework applied to the Master of Public Affairs requirements.

- Undergraduate grade point average (GPA) must be 3.0 overall.
- Major GPA must be 3.2 with a minimum of 15 credit hours of School of Public and Environmental Affairs classes
- Must have at least 60 hours completed in undergraduate
- Must have a letter of support from a School of Public and Environmental Affairs faculty member
- Graduate Record Examination (GRE) requirement for Master of Public and Environmental Affairs admission will be waived if all the above conditions are met
- Completion of Master of Public Affairs application packet upon completion of undergraduate program.

Please contact your School of Public and Environmental Affairs academic advisor for more information about this program and how to apply.

Bachelor of Science in Forensic Science

The Bachelor of Science in Forensic Science degree program provides students with the knowledge, skills, and abilities to prepare to collect and analyze crime scene evidence, work in crime labs at the local, state, and federal levels, and assist law enforcement agencies with dedicated crime scene units. Concentration areas of study include biology, chemistry, and criminalistics.

Learning Outcomes:

- 1) Interpret and explain scientific methodologies applied in the collection, preservation, and testing of evidence for crimes.
- 2) Demonstrate ability to use accepted scientific theories and techniques in the analysis of forensic evidence.
- 3) Describe the procedures and standards for using forensic evidence in legal proceedings.
- 4) Demonstrate the ability to communicate effectively in report writing, testimony, and research applications, including demonstrating the ability to document casework, organize data, and compile reports that constitute legal documentation
- 5) Conduct and present a forensic science case study using the legal and ethical standards required by the legal system.

Forensic Science Biology Track (Concentration) Curriculum

General Education

The General Education requirements are based on five (5) principles. These principles guide undergraduate students in their educational experience at Indiana University Northwest and the School of Public and Environmental Affairs. By fulfilling these requirements students will have an opportunity to develop effective learning and communication skills (principle 1 requirements), a mastery of core concepts in a broad range of disciplines (Principle

2), the ability to analyze and synthesize information (Principle 3), an awareness of diversity (Principle 4) and ethical consideration (Principle 5).

Principle 1 Foundations for Effective Learning and Communication (11 courses)

All students are required to take:

ENG W131 Reading, Writing, and Inquiry 1 (3 cr.)
SPCH S121 Public Speaking (3 cr.)

In addition, all students must complete the following requirements under Principle 1:

1. Mathematics (3 cr.)

MATH M215 Calculus I (5 cr.)

2. Natural Science Class with Lab (4-6 cr.)

CHEM C105 Principles of Chemistry I (3 cr.)
CHEM C125 Experimental Chemistry I (2 cr.)

3. Intensive Writing Courses (6 cr.)

Both of the following courses:

ENG W231 Professional Writing (3 cr.)
SPEA J320 Criminal Investigation (3 cr.)

4. Advanced Oral Communication Course (3 cr.)
SPEA J302 Procedural Criminal Law (3 cr.)

5. Advanced Math Reasoning Course (3 cr.)
SPEA K300 Statistical Techniques (3 cr.)

6. Advanced Scientific Reasoning Course (3 cr.)

One of the following courses:

PHYS P202 General Physics II (5 cr.)
PHYS P222 Physics II (5 Cr.)

7. Information Literacy (3 cr.)

SPEA J215 Concepts of Forensic Science (3cr.)

8. Learning Technologies course (3 cr.)

CHEM C410 Principles of Chemical Instrumentation (4 cr.)

Principle 2 Breadth of Learning (9 courses)

*1. Arts & Humanities (6 cr.)

Two classes from approved College of Arts and Science list* of classes.

*2. Cultural & Historical Studies (3 cr.)

One class from approved College of Arts and Science list* of classes.

*3. Social & Behavioral Sciences (6 cr.)

Two classes from approved College of Arts and Science list* of classes.

4. Mathematical, Physical and Life Sciences (3 cr.)

BIOL L101 Introduction to Biological Sciences I (4 cr.)

Principle 3 Critical Thinking, Integration, and Application of Knowledge (One Course)

SPEA J470 Senior Seminar in Criminal Justice (3 cr.)

Principle 4 Diversity (One Course)

SPEA J275 Diversity Issues in Criminal Justice (3 cr.)

Principle 5 Ethics & Citizenship (One Course)

SPEA J470 Senior Seminar in Criminal Justice (3 cr.)

Forensic Science Required Courses (9 courses)

- ANTH A105 Human Origins and Prehistory (3 cr.)
- BIOL L391 Special Topics in Forensic Biology (3 cr.)
- CHEM C106 Principles of Chemistry II (3 cr.)
- CHEM C126 Experimental Chemistry II (2 cr.)
- CHEM C341 Organic Chemistry I (3 cr.)
- CHEM C342 Organic Chemistry II (3 cr.)
- CHEM C343 Organic Chemistry Laboratory I (2 cr.)
- CHEM C344 Organic Chemistry Laboratory II (2 cr.)
- PHYS P201 General Physics I (5 cr.) or PHYS P221 Physics I (5 Cr.)

**Forensic Biology Concentration (13 courses)
Requirements**

- ANTH B201 Bio Anthropology and Forensics Laboratory (1 cr.)
- ANTH B300 Fundamentals of Bio Anthropology (3 cr.)
- BIOL L101 Introduction to Biological Sciences I (4 cr.)
- BIOL L102 Introduction to Biological Sciences II (4 cr.)
- BIOL L211 Molecular Biology (3 cr.)
- BIOL L311 Genetics (4 cr.)
- BIOL L323 Molecular Biology Laboratory (3 cr.)
- CHEM C484 Biomolecules and Catabolism (3 cr.)
- SPEA J302 Procedural Criminal Law (3 cr.)
- SPEA J303 Evidence (3 cr.)
- SPEA J320 Criminal Investigation (3 cr.)
- SPEA J322 Introduction to Criminalistics (3 cr.)
- SPEA J470 Senior Seminar in Criminal Justice (3 cr.)

**Forensic Chemistry Track (Concentration) Curriculum
General Education**

Principle 1 Foundations for Effective Learning and Communication (11 courses)

All students are required to take:

ENG W131 Reading, Writing, and Inquiry 1 (3 cr.)
SPCH S121 Public Speaking (3 cr.)

In addition, all students must complete the following requirements under Principle 1:

1. Mathematics (3 cr.)
MATH M215 Calculus I (5 cr.)
2. Natural Science Class with Lab (4-6 cr.)
CHEM C105 Principles of Chemistry I (3 cr.)
CHEM C125 Experimental Chemistry I (2 cr.)
3. Intensive Writing Courses (6 cr.)

Both of the following courses:

ENG W231 Professional Writing (3 cr.)
SPEA J320 Criminal Investigation (3 cr.)

4. Advanced Oral Communication Course (3 cr.)
SPEA J302 Procedural Criminal Law (3 cr.)

5. Advanced Math Reasoning Course (3 cr.)
SPEA K300 Statistical Techniques (3 cr.)

6. Advanced Scientific Reasoning Course (3 cr.)

One of the following courses:

PHYS P202 General Physics II (5 cr.)
PHYS P222 Physics II (5 Cr.)

7. Information Literacy (3 cr.)

SPEA J215 Concepts of Forensic Science (3 cr.)

8. Learning Technologies course (3 cr.)

CHEM C410 Principles of Chemical Instrumentation (4 cr.)

Principle 2 Breadth of Learning (9 courses)

*1. Arts & Humanities (3 cr.)

One class from approved College of Arts and Science list* of classes.

*2. Cultural & Historical Studies (6 cr.)

Two classes from approved College of Arts and Science list* of classes.

*3. Social & Behavioral Sciences (6 cr.)

Two classes from approved College of Arts and Science list* of classes.

4. Mathematical, Physical and Life Sciences (3 cr.)

BIOL L101 Introduction to Biological Sciences I (4 cr.)

Principle 3 Critical Thinking, Integration, and Application of Knowledge (One Course)

SPEA J470 Senior Seminar in Criminal Justice (3 cr.)

Principle 4 Diversity (One Course)

SPEA J275 Diversity Issues in Criminal Justice

Principle 5 Ethics & Citizenship (One Course)

SPEA J470 Senior Seminar in Criminal Justice (3 cr.)

Forensic Science Required Courses (11 courses)

- ANTH A105 Human Origins and Prehistory (3 cr.)
- ANTH B201 Bio Anthropology and Forensics Laboratory (1 cr.)
- ANTH B300 Fundamentals of Bio Anthropology (3 cr.)
- BIOL L102 Intro to Biological Sciences II (4 cr.)
- CHEM C126 Experimental Chemistry II (2 cr.)
- CHEM C341 Organic Chemistry I (3 cr.)
- CHEM C342 Organic Chemistry II (3 cr.)
- CHEM C343 Organic Chemistry Laboratory I (2 cr.)

- CHEM C344 Organic Chemistry Laboratory II (2 cr.)
- PHYS P201 General Physics I (5 cr.) or PHYS P221 Physics I (5 Cr.)
- SPEA J380 Internship in Criminal Justice (3 cr.)

Forensic Chemistry Concentration (13 courses) Requirements

- CHEM C105 Principles of Chemistry I (3 cr.)
- CHEM C106 Principles of Chemistry II (3 cr.)
- CHEM C310 Analytical Chemistry (3 cr.)
- CHEM C361 Physical Chemistry (3 cr.)
- CHEM C363 Experimental Physical Chemistry Laboratory (2 cr.)
- CHEM C430 Inorganic Chemistry (3 cr.)
- CHEM C484 Biomolecules and Catabolism (3 cr.)
- SPEA J215 Concepts of Forensic Science (3 cr.)
- SPEA J302 Procedural Criminal Law (3 cr.)
- SPEA J303 Evidence (3 cr.)
- SPEA J320 Criminal Investigations (3 cr.)
- SPEA J322 Introduction to Criminalistics (3 cr.)
- SPEA J470 Senior Seminar in Criminal Justice (3 cr.)

Criminalistics Track (Concentration) Curriculum

General Education

Principle 1 Foundations for Effective Learning and Communication (11 courses)

All students are required to take:

- ENG W131 Reading, Writing, and Inquiry 1 (3 cr.)
- SPCH S121 Public Speaking (3 cr.)

In addition, all students must complete the following requirements under Principle 1:

1. Mathematics (3 cr.)
MATH M215 Calculus I (5 cr.)
2. Natural Science Class with Lab (4-6 cr.)
CHEM C105 Principles of Chemistry I (3 cr.)
CHEM C125 Experimental Chemistry I (2 cr.)
3. Intensive Writing Courses (6 cr.)
Both of the following courses:
ENG W231 Professional Writing (3 cr.)
SPEA J320 Criminal Investigations (3 cr.)
4. Advanced Oral Communication Course (3 cr.)
SPEA J302 Procedural Criminal Law (3 cr.)
5. Advanced Math Reasoning Course (3 cr.)
SPEA K300 Statistical Techniques (3 cr.)
6. Advanced Scientific Reasoning Course (3 cr.)
One of the following courses:
PHYS P202 General Physics II (5 cr.)
PHYS P222 Physics II (5 Cr.)
7. Information Literacy (3 cr.)
SPEA J215 Concepts of Forensic Science (3 cr.)

8. Learning Technologies course (3 cr.)

CHEM C410 Principles of Chemical Instrumentation (4 cr.)

Principle 2 Breadth of Learning (9 courses)

- *1. Arts & Humanities (3 cr.)

One class from approved College of Arts and Science list* of classes.

- *2. Cultural & Historical Studies (6 cr.)

Two classes from approved College of Arts and Science list* of classes.

- *3. Social & Behavioral Sciences (6 cr.)

Two classes from approved College of Arts and Science list* of classes.

4. Mathematical, Physical and Life Sciences (3 cr.)

BIOL L101 Introduction to Biological Sciences I (4 cr.)

Principle 3 Critical Thinking, Integration, and Application of Knowledge (One Course)

SPEA J470 Senior Seminar in Criminal Justice (3 cr.)

Principle 4 Diversity (One Course)

SPEA J275 Diversity Issues in Criminal Justice

Principle 5 Ethics & Citizenship (One Course)

SPEA J470 Senior Seminar in Criminal Justice (3 cr.)

Forensic Science Required Courses (11 courses)

BIOL L102 Introduction to Biological Sciences II (4 cr.)

- BIOL L211 Molecular Biology (3 cr.)
- BIOL L311 Genetics (4 cr.)
- BIOL L323 Molecular Biology Laboratory (3 cr.)
- CHEM C106 Principles of Chemistry II (3 cr.)
- CHEM C126 Experimental Chemistry II (2 cr.)
- CHEM C341 Organic Chemistry I (3 cr.)
- CHEM C342 Organic Chemistry II (3 cr.)
- CHEM C343 Organic Chemistry Laboratory I (2 cr.)
- CHEM C344 Organic Chemistry Laboratory II (2 cr.)
- CHEM C484 Biomolecules and Catabolism (3 cr.)
- PHYS P201 General Physics I (5 cr.) or PHYS P221 Physics I (5 cr.)

Criminalistics Concentration (11 courses) Requirements

- SPEA J215 Concepts of Forensic Science (3 cr.)
- SPEA J275 Diversity Issues in Criminal Justice (3 cr.)
- SPEA J301 Substantive Criminal Law (3 cr.)
- SPEA J302 Procedural Criminal Law (3 cr.)
- SPEA J303 Evidence (3 cr.)
- SPEA J320 Criminal Investigation (3 cr.)
- SPEA J321 American Policing (3 cr.) or SPEA V450 Medical Ethics (3 cr.)
- SPEA J322 Introduction to Criminalistics (3 cr.)
- SPEA J370 Advanced Criminalistics I (3 cr.)
- SPEA J450 Advanced Criminalistics II (3 cr.)

- SPEA J470 Senior Seminar in Criminal Justice (3 cr.)

Notes:

Electives: Students must take additional courses beyond the requirements listed above to meet the minimum B.S. degree requirement of 120 credit hours.

Grade Policy: Students must earn a grade of C or better in all concentration courses and a minimum grade of C- in all other courses. Failure to meet the minimum grade requirement will result in having to repeat the course(s).

*The College of Arts and Sciences list of classes can be obtained from the School of Public and Environmental Affairs or retrieved from the SPEA website.

Graduate Studies

Master of Public Affairs

The graduate program of the Public and Environmental Affairs consists of the Master of Public Affairs degree.

The mission of the School of Public and Environmental Affairs Masters of Public Affairs Program is to sustain a diverse collaborative community of learning that provides professional education to develop ethical, motivated, and effective leaders and to impact our changing region, nation, and world through community engagement and research.

The Master of Public Affairs program, which is fully accredited by the Network of Schools of Public Policy, Affairs, and Administration (NASPAA), is an integrated course of study that requires a minimum of 36 credit hours. The program provides knowledge and experience that can be used by the professional in various roles within a changing public sector. It is also an interdisciplinary, professional program drawing on diverse faculty talents and resources. The goal of the program is to equip the individual with the necessary skills and knowledge to enter local, state, or federal government or quasi-governmental service and to broaden comprehension of the economic, environmental, political, and social context in which the public servant works.

The curriculum of this program as contained in the core requirements encompasses preparation in a broad range of skills relevant to the operation of public agencies. It is, therefore, interdisciplinary, based on the academic disciplines, but not limited to any one; it is also problem-oriented, bringing the disciplines to bear on critical social, environmental, economic, and administrative conditions.

Although the environment of public service is diverse and changing, effectiveness in that environment requires the development of special skills attained through detailed study in a chosen field of concentration. The fields of concentration span the variety of professional specialties found in public service. Thus, the program provides both expertise in a specific concentration area and in the core requirements, and a general working knowledge of public affairs.

Learning Outcomes

1) Apply and integrate concepts learned from SPEA MPA core courses with real world decisions made by policy

makers to show an understanding of how to manage in public governance

2) Critical Thinking: Evaluating current issues and creating policy and management alternatives with evidence-based decision making.

3) Utilize statistical methods, data analysis and interpretation to analyze relevant and reliable information for effective decision-making and problem-solving

4) Articulation of public interest and values of social equity and diversity in order to show an ability to communicate and interact with a diverse and changing citizenry.

5) Demonstrate solid communication and presentation skills to deliver information clearly, effectively, and concisely.

Admission to the Master of Public Affairs Program Application

The prospective student should complete the online application packet. Contact SPEA for the link.

Application Fee

A nonrefundable application fee of \$40 is required of all applicants. Contact SPEA for a waiver.

Application Requirements

For more information on SPEA's graduate programs and for questions regarding the application process, please call 219-980-6696 or 219-980-6695.

All application requirements must be submitted online to the Graduate Application System. Contact SPEA for the link.

1. Online application.
2. Submit official copies of transcripts from all schools attended for undergraduate and/or graduate programs.
3. Applicants must have a minimum overall undergraduate grade point average of 3.0 for admission or will need to take the GRE. A minimum GRE score of 280 on the GRE is required for admission to the program.
3. Submit a copy of resume or curriculum vitae.
5. Letter of intent (this is applicants personal statement as to why they want to pursue the degree, what they hope to gain from it, career goals, etc.)
6. Two (2) professional references - applicants will enter the contact info (name, address, phone and email address for each reference). Once application is submitted the references will receive a invitation to complete their reference electronically. References should be of a professional nature and cannot be from a fulltime faculty member in the School of Public and Environmental Affairs.

Baccalaureate Degree

Certification of a baccalaureate degree is required for entrance into the Master of Public Affairs Program. Although the student may not have completed the undergraduate work at the time of application, a decision will be made on the strength of the student's work at the time of application. However, a final transcript,

showing baccalaureate degree must become a part of the permanent record before the student can be formally admitted.

Application Validity

Following notice of admission, an applicant has one calendar year in which to enroll. Supplementary transcripts of any academic work undertaken during that period are required, and the division may request additional letters of recommendation. Should the updated material prove unsatisfactory, the admission may be canceled. If the applicant fails to enroll within one year, a complete new application is required.

Examinations for Admission

The School of Public and Environmental Affairs will consider results from the GRE, GMAT or LSAT, but the GRE is most common among our applicants. Preparing to take the test and getting official test scores can be a lengthy process, so plan accordingly.

Admission Committee

Each application is considered carefully by the graduate program committee. While the applicant's undergraduate scholastic performance is the most significant index of ability to do graduate work, recommendations and the student's letter of intent are taken into account. The aim is to select those applicants who can successfully complete graduate study and be effective in public affairs.

Degree Policies and Procedures Graduation Requirements

It is the responsibility of students to be certain that their graduation and other academic requirements are met. The graduate advisor office in the School of Public and Environmental Affairs will keep a record of the student's progress and will aid in program planning.

Non-degree Students

Graduate non-degree students may take up to 12 graduate credits. These courses may not necessarily be used toward the Certificate or Master of Public Affairs (see later for more information about the Certificate Program). Financial aid is not offered for non-degree candidates.

Grade of Incomplete

An Incomplete indicates that the work is satisfactory as of the end of the semester but has not yet been completed. This grade may be awarded only when the student's work is of passing quality and have only one assignment or exam to complete. In addition, evidence that personal hardship would render it unjust to hold that student to the time limits previously fixed for the completion of the work. Normally, faculty members are reluctant to give the grade of Incomplete. One calendar year is allowed for the removal of an Incomplete unless the Director authorizes an adjustment of this period due to exceptional circumstances. If those procedures are not followed, the I is changed to F.

Grade Average, Provisional, and Probationary Status

Students may be admitted on a provisional basis for particular reasons, such as deficiencies in certain areas. The provisional status will be removed upon fulfillment

of the stipulated conditions. A cumulative grade point average of 3.0 (A=4.0) or higher for all work taken for graduate credit must be earned as a prerequisite for continuation in good standing and for graduation. Students whose cumulative grade point average falls below 3.0 will be placed on probation. To be removed from academic probation, a student must raise the overall cumulative grade point average to 3.0 or higher. If a student earns less than a 3.0 grad point average for a given semester while on academic probation, the student is dismissed from the Master of Public Affairs program. In order to earn either the Master of Public Affairs or the Certificate, a cumulative grade point average of 3.0 or higher at graduation is required.

Petitioning Procedures

A student may find it necessary to petition the Graduate Program Committee relative to such matters as dismissal, requirements, transfers, class load, etc. Such requests must be presented in writing to the Graduate Program Committee.

Midcareer Options

The purpose of the midcareer option of the Master of Public Affairs graduate program is to enhance the professional capabilities of those with previous training or experience in public service. It is a program capable of being specially designed to meet the educational and professional needs of the individual.

Some administrators are engaged in professional capacities requiring deeper understanding of certain specialties. Others with considerable experience in a specialization may wish to broaden their knowledge and perspectives. The midcareer option can accommodate those needs.

Credit waiver may be granted to midcareer option students for significant administrative or policy-level work experience. This work experience may be of a managerial nature or may be in program or policy development (which may or may not include experience in management, e.g., as a planner). The work experience need not necessarily be with a governmental agency. Many private and quasi-public organizations have significant governmental contacts. Furthermore, much management-level experience in the private sector is applicable to the public sector.

Students wishing to take full advantage of the midcareer option should apply as soon as regular admission to the program has been granted. The Graduate Program Committee makes a determination of eligibility for the midcareer option for each applicant. Students granted the midcareer option for more than 3 credit hours may not take SPEA V585 Practicum in Public Affairs for credit. Decisions about the midcareer option are made separately from decisions about transfer of credit. Under no circumstances will the midcareer option and the transfer of credit total more than 6 credit hours of the 36 credit hour degree requirement. Students receiving the midcareer option should carefully plan their programs in consultation with an advisor as early as possible. Certification of the plan of study by the graduate advisor is necessary.

Transfer Credit from other Graduate Programs

Previous graduate credit from other schools at Indiana University or other universities may be accepted toward a degree in the Master of Public Affairs program up to a total of 6 credit hours. The particular courses to be awarded credit will be arranged with the Director. A "Transfer of Credit" Form must be completed, and approval must be granted for each course for which transfer credit is desired. This is true both for previous work at Indiana University, outside the School of Public and Environmental Affairs, and for graduate work at other institutions.

General Scholarship Rule

Any student who does not possess the necessary preliminary training or who lacks other qualifications may be required to enroll in such courses designated or to take such other corrective action as is necessary or desirable. The School of Public and Environmental Affairs may review a student's record at any time and take whatever actions seem necessary for the best interest of that student.

Any student whose work is unsatisfactory or whose conduct is unethical may be dismissed from the program.

Master of Public Affairs Degree Requirements

The Master of Public Affairs program requires a minimum of 36 graduate credit hours and completion of (1) the core requirements, and (2) the Concentration requirements.

The core requirement consists of 27 credit hours of work in nine courses. Each student must also complete the requirements of one concentration, which consists of 9 credit hours of work. An internship option is available and can count as three hours of elective credit.

Core Requirements

The Master of Public Affairs core ensures that each student acquires both the prerequisite analytical skills and an understanding of policy issues and governmental processes that compose the environment within which graduates will pursue their careers.

The following nine courses are required by all students regardless of concentration:

- SPEA V500 Quantitative Tools for Public Affairs (3 cr.)
- SPEA V502 Public Management (3 cr.)
- SPEA V506 Statistical Analysis for Policy and Management (3 cr.)
- SPEA V509 Administrative Ethics in the Public Sector (3 cr.)
- SPEA V517 Public Management Economics (3 cr.)
- SPEA V540 Law and Public Affairs (3 cr.)
- SPEA V560 Public Finance and Budgeting (3 cr.)
- SPEA V600 Capstone in Public and Environmental Affairs (3 cr.)
- SPEA V601 Workshop in Public Affairs (3 cr.)

Total (27 cr.)

Well-prepared applicants may petition the Director to waive one or more of the core requirements on the basis of advanced work done elsewhere.

Concentration Requirement

The concentrations are designed to give an educational experience in a substantive area of the student's interest. The student chooses a concentration in consultation with an academic graduate advisor. Each concentration requires a total of 9 hours of which there are two required courses and one elective course that students can choose to supplement their knowledge/skill sets.

Concentrations

Students must choose one of the following concentrations:

Criminal Justice

Requirements

- SPEA J666 Criminal Justice Policy & Evaluation (3 cr.)
- SPEA V509 Administrative Ethics in the Public Sector (3 cr.)
- Elective course (3 cr.)

Health Services Administration and Social Change

Requirements

- SPEA V545 The U.S. Health Care System (3 cr.)
- SPEA V546 Health Services Utilization (3 cr.)
- Elective course (3 cr.)

Leadership

Requirements

- SPEA V566 Executive Leadership (3 cr.)
- SPEA V602 Strategic Management (3 cr.)
- Elective course (3 cr.)

Sustainability and Social Change

Requirements

- SPEA V559 Principles and Practices of Social Entrepreneurship (3 cr.)
- SPEA V602 Strategic Management for Public and Nonprofit Organizations (3 cr.)
- Elective course (3 cr.)

Cumulative Grade Point Average has to be 3.0 or higher to graduate.

Certificate in Public Management

The Certificate in Public Management is a focused 15 credit hour program of study in public management for those students interested in a less extensive course of study at the graduate level. The certificate program is flexible enough to be adapted to the needs of precareer and in-service individuals and can accommodate people interested in a wide variety of public careers.

The certificate is ideal for those persons in public and community organizations or agencies who wish to supplement their primary fields of professional or technical competence, persons who are changing from professional or technical roles to managerial roles in the public service, career employees of public and community agencies who are interested in studying a sequence of core courses in public management, or students who wish to explore the

field of public management before committing themselves to an extended degree program.

Candidates with a bachelor's degree are admitted to the program from a variety of educational backgrounds.

Required Courses (15 cr.)

- SPEA V502 Public Management (3 cr.)
- SPEA V509 Administrative Ethics in the Public Sector (3 cr.)
- SPEA V540 Law and Public Affairs (3 cr.)
- SPEA V560 Public Finance and Budgeting (3 cr.)

and

- Approved Elective (3 cr.)

M.S. in Criminal Justice and Public Safety (Online)

The IU Online MS in Criminal Justice and Public Safety focuses on the intersection of these two exciting fields. The program will appeal to individuals interested in the fields of policing, homeland security, and emergency management. Complete coursework in a variety of special topics, including crime mapping, geographic information systems, and cybersecurity, among others. The flexible online program also meets the needs of individuals currently working in criminal justice and security careers.

As a student in the program, you:

- Examine criminal justice and public safety system actors, agencies, and processes.
- Explore the underlying operations of police, emergency management, courts, and corrections agencies.
- Identify the major policy issues in criminal justice and public safety systems.
- Learn to communicate effectively with individuals working in the complex and diverse criminal justice or public safety sectors.
- Explore the philosophical underpinnings and development of law, and critically evaluate how criminal justice and public safety policies balance individual rights and public order.
- Analyze criminal justice and public safety policies using a variety of tools, including quantitative research methods and statistical techniques, to improve criminal justice and public safety agencies.
- Identify and critically analyze current criminal justice and public safety policies using available research and empirical evidence to discuss the strengths and limitations of various approaches.

Tailor your degree to your professional interests by choosing one of two concentrations:

- Public safety
- Criminal justice

Public Safety Concentration

Assess public safety risks using various analysis tools and develop plans to prepare, manage, and mitigate natural and human-made crises.

Criminal Justice Concentration

Analyze the nature and extent of crime, critically evaluate major theories of crime, and assess the effectiveness of

criminal justice systems, non-criminal justice programs, and other policies and practices that respond to crime.

Your IU Online MS in Criminal Justice and Public Safety prepares you for such careers as:

- Correctional officer supervisor
- Police and detective supervisor
- Criminal investigator
- Emergency management director
- Security manager
- Public safety officer

This 100 percent online, consortial program is taught by IU Bloomington, IUPUI, IU East, IU Kokomo, IU Northwest, and IU Southeast. This consortial model allows you to take coursework from several campuses and learn from a wide range of faculty.

Program Learning Outcomes

MSCJPS Graduates will be able to:

- Critically discuss criminal justice and public safety system actors, agencies, and processes; describe the underlying operations of police, emergency management, courts, and corrections agencies, and identify the major policy issues in criminal justice and public safety systems.
- Communicate effectively within a complex and diverse criminal justice or public safety constituencies.
- Discuss the philosophical underpinnings and development of law, and critically evaluate how Criminal Justice and Public Safety policies balance individual rights and public order.
- Rigorously analyze criminal justice and public safety policies using a variety of tools, including quantitative research methods and statistical techniques.
- Identify, analyze, and apply tools essential to improve criminal justice and public safety agencies.
- Identify and critically analyze current criminal justice and public safety policies, using available research and empirical evidence to discuss the strengths and limitations of various approaches.

MSCJPS graduates completing the Public Safety Concentration will be able to:

- Identify public safety risks using various risk analysis tools, and describe ways to plan, prepare, manage, and mitigate natural and human made risks.

MSCJPS graduates completing the Criminal Justice Concentration will be able to:

- Discuss the nature and extent of crime, critically evaluate major theories of crime, and critically analyze and evaluate the effectiveness of criminal justice system and non-criminal justice programs and policies that respond to crime.

Degree Requirements

To graduate with the MS in Criminal Justice and Public Safety, you must complete 33 credit hours.

Requirements are broken down as follows:

Core MSCJPS courses – completed by all students in the program (15 credit hours)

Concentration – students choose either Criminal Justice or Public Safety (18 credit hours)

I. Core Courses

1. Introduction to Public Safety: SPEA-J586 Public Safety in the US (3 cr)
2. Introduction to Graduate Study in Criminal Justice (3 cr)
 - a. Choose one: CJUS-P501 Proseminar: Criminal Justice I –OR– SPEA-J582 Criminal Justice Systems
3. Research Methods (3 cr)
 - a. Choose one: SPEA-J502 Research Methods in Criminal Justice and Public Safety –OR– CJUS-P594 Introduction to Research Methods
4. Statistics (3 cr)
 - a. Choose one: SPEA-V506 Statistical Analysis for Effective Decision Making –OR– CJUS- P595 Data Analysis in Criminal Justice
5. Capstone (3 cr)
 - a. Choose one: CJUS-P619 Crime and Public Policy – OR– SPEA-J666 Criminal Justice Policy and Evaluation
6. Theory Requirement (3 cr)
 - a. Criminal Justice Concentration—

Choose one: SPEA-J501 Evolution of Criminological Thought and Policy I –OR– CJUS-P502 Proseminar: Criminal Justice II
 - b. Public Safety Concentration—SPEA-J528 Risk Analysis for Public Safety

II. MSCJPS – Concentration

Students complete one concentration in Criminal Justice or Public Safety (15 cr)

Criminal Justice Concentration Courses

Students complete five classes selected from the following list:

- CJUS-P512 or CJHS-P 512 Corrections
- CJUS-P515 Police in Society
- CJUS-P517 Juvenile Justice
- CJUS-P519 Probation and Parole
- CJUS-P602 Courts and Criminal Justice
- CJUS-P623 Violent Behavior
- CJUS-P627 White-collar Crime
- CJUS-P629 Victimization
- CJUS-P634 Sentencing Theory and Practice
- CJUS-P671 Comparative Criminal Justice Systems
- CJUS-P680 Seminar: Issues in Criminal Justice and Public Safety
- CJUS-P682 Seminar on Law Enforcement and Minorities
- SPEA-J520 Mapping and Analysis

- SPEA-J550 Topics in Criminal Justice and Public Safety
- SPEA-J588 Law and Control in Society
- SPEA-J587 Criminal Violation: Problems and Characteristics
- SPEA-J682 Planning and Management

Public Safety Concentration

Students complete five classes selected from the following list:

- CJUS-P680 Seminar: Issues in Criminal Justice and Public Safety
- SPEA-J581 Public Safety Law
- SPEA-J520 Mapping and Analysis for Public Safety
- SPEA-J524 Crisis Management for Public Safety
- SPEA-J531 National and Homeland Security in America
- SPEA-J550 Topics in Criminal Justice and Public Safety
- SPEA-V560 Public Budgeting and Finance
- SPEA-V561 Public Human Resources Management

Graduate Certificate in Criminal Justice Leadership and Management (Online)

The Graduate Certificate in Criminal Justice Leadership and Management (GCCJLM) serves current police officers and law enforcement professionals who hold a bachelor's degree and are interested in pursuing graduate study as a means of professional development and career advancement. Coursework completed for the GCCJLM will jumpstart the graduate career of students who decide they want to continue their education by entering the MSCJPS. GCCJLM students will benefit from an expedited MSCJPS application and admission process, and all four courses and 12 credits required for the GCCJLM can be applied towards satisfaction of MSCJPS requirements.

The four course GCCJLM curriculum focuses on the skills and approaches will simultaneously help students to perform better in their current positions while also open doors to career advancement. Over time, as GCCJLM graduates move into leadership positions within their agencies and organizations and apply the knowledge and skills they develop in the program, they will extend the reach and impact of researchers in the field.

GC in Criminal Justice Leadership and Management—Target Audience

The GC CJLM will appeal to individuals who seek to sharpen their skills and develop new strategies and approaches to the fair and effective administration of justice and promotion of public safety and can serve as a bridge to further graduate study in IU's collaborative M.S. in Criminal Justice and Public Safety. In graduate seminars, students will read and discuss foundational texts and contemporary scholarship to deepen their understanding of the perspectives and policy debates that shape current practices. They will undertake rigorous training in research methods and data analysis to hone the critical skills necessary to evaluate empirical data. This well-rounded curriculum combines rigorous analytical

and methodological coursework across both fields with two distinct concentrations (Criminal Justice and Public Safety) to foster an understanding of the field that is both comprehensive and in-depth.

GC in Criminal Justice Leadership and Management—Program Goals and Learning Outcomes

Learning Outcomes

Upon completion of the Graduate Certificate in Criminal Justice Leadership and Management graduates will be able to:

1. Identify core components and processes of the criminal justice system and describe and analyze major issues such as: police use of force, the school to prison pipeline, mass incarceration, and other topics of debate with a particular emphasis on diversity issues.
2. Use appropriate methodological techniques for criminal justice research and discuss findings effectively.
3. Master leadership and management skills for Criminal Justice organizations.
4. Critically analyze and evaluate components of the criminal justice system and apply research-based leadership and management techniques for improved performance and results.

Degree requirements

The four required courses connect essential insights and strategies of graduate study in criminal justice with to the types of issues law enforcement managers face on a daily basis in a time of heightened scrutiny and calls for reform.

Certificate students will complete one course in each of the following four areas for a total of 12 credits.

1. Introductory course on graduate study in criminal justice.

Complete one of:

- a. CJUS P501 Proseminar: Criminal Justice I or
- b. SPEA J582 Criminal Justice Systems.

2. Research Methods in Criminal Justice.

Complete one of:

- a. SPEA J502 Research Methods in Criminal Justice
- b. CJUS P594 Introduction to Research Methods
- c. CJHS P594 Introduction to Research Methods

3. Planning and Management in Criminal Justice.

Complete: SPEA J582 Planning and Management in Criminal Justice and Public Safety

4. Diversity in Criminal Justice

Complete:

SPEA J510 Diversity in Policing

Radiologic Sciences Programs

Administrative Officers

Vesna Balac, Ed.D., R.T.(R) (MR) (AART), *Assistant Dean, Radiologic Sciences Department Chair, Radiography Program Director, and Assistant Professor*

Melynne Durham, M.S., R.T. (R) (MR) (AART), *Clinical Assistant Professor and Clinical Coordinator*

Melody Fisher, M.S., R.T.(T) (AART), *Clinical Lecturer and Director, Radiation Therapy Program*

Nancy Smith, M.S., R.T.(R) (AART), *Clinical Lecturer and Clinical Coordinator*

Ann Walker, M.S., RDMS, RVT, *Clinical Lecturer and Interim Director, Diagnostic Medical Sonography*

Web site: www.northwest.iu.edu/radiologic-sciences/

Phone: (219) 980-6899

Admission Policies and Procedures for All Radiologic Sciences Programs

STANDARD I: Pre- and Co-requisite Coursework

Applicants for the radiologic sciences programs must be high school graduates or the equivalent. They must apply and be admitted to Indiana University Northwest prior to or concurrent with the application for the radiologic sciences programs. Applicants must meet the academic standards for the College of Health and Human Services and must apply to the program by January 15. Applicants must complete the program's Math (M100 or higher) and written communication (W131) requirements with a "C" (2.0) or better prior to beginning the professional coursework that begins each year in summer session II.

These requirements can be fulfilled during summer I coursework. Applicants must pass the required pre- and co-requisite coursework by the second completed attempt.

In addition, specific college and/or high school courses that are recommended include Oral Communication (S121), Psychology (P101), Human Anatomy and Physiology I and II (P261 and P262), and Medical Terminology (R185). Specific grades in these courses are used as a part of the student's admission profile number. Completing these courses in advance improves a student's chance for admission into the radiologic sciences programs. If a student has not taken the college equivalent of the courses listed above, a high school transcript should be submitted with the application and specific courses will be reviewed for admission purposes.

Anatomy and Physiology I and II have a 7-year age limit between completion and time of admission. Students may opt to take the course again or challenge the course by departmental examination. In order to qualify for admission and/or progression, the student must pass this course by the second completed attempt.

STANDARD II: Grade Requirements

To be considered for admission to the radiologic sciences programs, all applicants must:

Have a cumulative high school GPA (excluding non-academic coursework) of 3.0 or higher on a 4.0 scale.

OR

Have a cumulative and last semester college GPA (excluding developmental coursework) of 2.5 or higher on a 4.0 scale for ALL coursework completed at Indiana University and/or any other college or university. College GPA will be utilized if the total number of credit hours equals or exceeds 12 and includes at least one math or science course.

STANDARD III: GPA Altering Policies

The student's cumulative GPA for purposes of admission to the program will be based on all past academic courses taken at accredited colleges or universities. This admission GPA will exclude developmental coursework.

STANDARD IV: Credit by Examination

Applicants to the radiologic sciences programs who have received credit by examination in a course that meets a program prerequisite will be considered as meeting this specified requirement. Application of this policy for math/science prerequisites will be determined by the Admission Committee. Any "credit by examination" hours received by the student must be transferred to the student's university transcript before it can be considered as meeting the program's admissions prerequisite. Credit can be earned from a variety of sources.

STANDARD V: Professional Assessment in Radiologic Sciences (PARS)

Applicants who meet the academic requirements for admission to the program will complete the Professional Assessment in Radiologic Sciences. The assessment is used in the selection of students for admission. PARS will assess applicant's professional knowledge, information related to program policies and procedures as outlined in Radiologic Sciences Handbook as well as math skills, higher thinking and problem solving. When the number of applications to the program far exceeds the number of applicants who can be admitted, the Admissions Committee reserves the right to limit the number of assessments administered to two times the number of positions available.

To prepare for this assessment, applicants should review the following resources:

- Radiologic Sciences Handbook
- <https://www.arrt.org/about-the-profession/learn-about-the-profession>
- Basic math skills acquired in high school.

Additionally, this assessment includes generic questions designed to assess higher level thinking skills, as well as problem-solving skills, which can be answered using common sense.

STANDARD VI: Technical Standards for Admission & Retention

Technical standards for admission and retention have been developed and are utilized by the radiologic sciences programs. These are sent to all applicants upon receipt of an application. Once admitted, students are expected to meet these program standards.

STANDARD VII: Additional Requirements

- Health and Age Requirements: Students are required to show proof that they have met the immunization, physical examination, and laboratory examination requirements for the program, as well as CPR certification. Specific information is provided to students prior to enrolling in clinical coursework. Additionally, students must be 18 years or older.
- Criminal History Check: A criminal history check is required prior to beginning clinical experience.

A positive background check may make a student ineligible for clinical coursework.

- Drug Screening Policy: Students may be required to have a drug screen prior to attending clinical experience. A drug screen may also be required on demand under certain situations in the clinical site. A positive drug screen will result in removal from the clinical site and possible dismissal from the program.

STANDARD VIII: Equal Opportunity and Affirmative Action Policy

Indiana University prohibits discrimination based on arbitrary consideration of such characteristics as age, color, disability, ethnicity, gender, marital status, national origin, race, religion, sexual orientation, or veteran status.

ADMISSION PROFILE NUMBER

Applicants are ranked according to a calculated admission profile number developed by the Admission Committee. The academic profile and PARS scores are combined to provide a total admission profile number for each physician.

Associate of Science in Radiography**Length of Program**

24 months beginning in May. Professional course work begins in summer session II.

Structure of the Program

The radiography program is a full-time day program involving classroom and laboratory experiences on campus and clinical experiences at local hospitals.

Design of the Professional Curriculum

The curriculum follows a pattern designed to train the student to become adept in the performance of diagnostic radiologic procedures. Courses in radiologic principles, radiographic procedures, clinical coursework, and general education are included in the curriculum.

The associate degree radiography program offered by Indiana University Northwest is designed to prepare students for professional careers as radiographers in the medical field. By providing pertinent learning experiences, the program faculty strives to develop students' interests in lifelong learning through the professional societies and continuing education. The curriculum is designed in accordance with the guidelines established by the American Society of Radiologic Technologists.

Program Goals and Learning Outcomes

The radiography program has set forth the following goals and learning outcomes:

Goal 1: Students will demonstrate clinical competence.

Student Learning Outcomes:

- Students will demonstrate continued competence in positioning skills.
- Students will select appropriate technical factors.

Goal 2: Students will demonstrate effective communication skills.

Student Learning Outcomes:

- Students will demonstrate written communication skills.
- Students will demonstrate oral communication skills.

Goal 3: Students will demonstrate critical thinking and problem solving skills.

Student Learning Outcomes:

- Students will detail procedural and technical adaptations for a trauma patient.
- Students will evaluate the quality of radiographic images and procedures.

Goal 4: Students will demonstrate professional values.

Student Learning Outcomes:

- Students will demonstrate appropriate professional values in the clinical setting.
- Students will detail the ethical obligations described in the ARRT Code of Ethics.

Goal 5: Students will be involved in professional continuing education activities to instill a desire for lifelong learning.

Student Learning Outcomes:

- Students will participate in professional continuing education.
- Students will be members of professional societies.

Goal 6: The program will provide the medical community with individuals qualified to perform radiographic procedures.

Program Effectiveness Measures:

- Graduates will pass the ARRT certification examination on the first attempt.
- Graduates will successfully complete the program in a three-year period.
- Employers will express confidence in the overall quality of graduates' skills.
- Graduate will express confidence in the overall quality of their skills.
- Of those pursuing employment, students will be gainfully employed within 12 months post-graduation.

Assessment data described in Goal #6 are available for review under Program Effectiveness Data.

Opportunities for Students to Work

Students often seek employment in part-time positions outside the program. These positions cannot interfere with clinical and class schedules and must be balanced with necessary study time. The majority of clinical education is scheduled on weekdays with a few Saturday and PM rotations.

Program Facilities

The radiography program offices and classrooms are located in the Dunes Medical/ Professional Building at IU Northwest.

Location of Clinicals

Clinical experience occurs in local hospitals, including the Community Hospitals in Munster, Northwest Health LaPorte in LaPorte, Methodist Hospital of Gary Inc., in Gary and Merrillville, Northwest Health Porter in Valparaiso, Franciscan Health Crown Point, Franciscan

Health Rensselaer, Franciscan Health Munster and Dyer, and St. Mary Medical Center in Hobart.

Additional Costs

In addition to regular university tuition and fees, students should expect to pay program-related expenses such as books, uniforms, physical examination, immunizations, criminal background check, online clinical management and tracking, drug tests, lead markers, and radiation monitoring.

Accreditation

The radiography program is fully accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT), 20 North Wacker Drive, Suite 2850, Chicago, IL 60606--3182; phone: (312) 704-5300; www.jrcert.org.

Admission

Students may apply for admission to the radiography program after qualifying for regular admission to Indiana University. Admission to the professional program is competitive; therefore, completion of the application does not guarantee admission to the program.

Class Size

Approximately 36 students each May (beginning professional course work in Summer Session II).

Application Deadline

January 15 of the year of anticipated entry.

Professional Program

Courses in the professional program are sequential and, therefore, must be taken in the order specified by the program faculty.

Awards

The program faculty will recommend to the university graduating students with superior academic performance for degrees awarded with distinction. Also, the program may recognize students with outstanding academic and clinical achievement during their professional program at the time of graduation.

Scholarships

For information on scholarships and grants, students should contact the Financial Aid Office. Some hospitals offer financial assistance for students pursuing radiography. Contact the program faculty for further information.

Graduation Requirements

Satisfactory completion of 73/74 credit hours to include 20/21 credit hours of prerequisite and general education courses and 53 credit hours of professional courses. All course work must be completed in compliance with the program's and school's academic and professional policies. Upon successful completion of the program, students are eligible to take the examination of the American Registry of Radiologic Technologists (AART) (www.arrt.org).

Curriculum

Two-Year Semester Sequence

Summer Session I

- MATH M100 /M119 College Level Mathematics* (3-4 cr.)
- ENG W131 Reading, Writing and Inquiry* (3 cr.)

Total (6-7 cr.)

Summer Session II

- RADS R100 Orientation to Radiologic Technology* (2 cr.)
- RADS R103 Introduction to Clinical Radiography* (3 cr.)
- RADS R181 Clinical Experience I* (1 cr.)
- RADS R185 Medical Terminology* (1 cr.)

Total (7 cr.)

Fall Semester

- RADS R101 Radiographic Procedures* (3 cr.)
- RADS R102 Principles of Radiography I* (3 cr.)
- RADS R182 Clinical Experience II* (3 cr.)
- PHSL P261 Human Anatomy and Physiology I (4 cr.)

Total (13 cr.)

Spring Semester

- RADS R201 Radiographic Procedures II* (3 cr.)
- RADS R202 Principles of Radiography II* (3 cr.)
- RADS R281 Clinical Experience III* (3 cr.)
- PHSL P262 Human Anatomy and Physiology II (4 cr.)

Total (13 cr.)

Summer Sessions

- RADS R282 Clinical Experience IV* (4 cr.)

Total (4 cr.)

Fall Semester

- RADS R205 Radiographic Procedures III* (3 cr.)
- RADS R222 Principles of Radiography III* (3 cr.)
- RADS R250 Physics Applied to Radiology* (3 cr.)
- RADS R283 Clinical Experience V* (4 cr.)

Total (13 cr.)

Spring Semester

- RADS R260 Radiobiology and Protection* (3 cr.)
- RADS R200 Pathology* (3 cr.)
- RADS R290 Comprehensive Experience* (5 cr.)
- PSY P101 Introductory Psychology (3 cr.)
- SPCH S121 Public Speaking (3 cr.)

Total (17 cr.)

*Core Course requires a C (2.0) or better

Total Credit Hours (73 / 74 cr.)

Bachelor of Science - Advanced

Clinical Concentration for Radiographers

Program Mission and Goals

The BS program in radiologic sciences advanced clinical concentration for radiographers is designed to prepare graduates for professional careers in the medical field. The program has set forth the following goals:

Goal 1: Students will demonstrate clinical competence.

Student Learning Outcomes:

- Students will demonstrate competence in the discipline-specific skills.
- Students will practice radiation protection, if applicable to the discipline.

Goal 2: Students will demonstrate effective communication skills.

Student Learning Outcomes:

- Students will demonstrate written communication skills.
- Students will demonstrate oral communication skills.

Goal 3: Students will demonstrate critical thinking and problem solving skills.

Student Learning Outcomes:

- Students will detail procedural and technical adaptations for selected pathologies.
- Students will evaluate images for quality, if applicable.

Goal 4: Students will demonstrate professional values.

Student Learning Outcomes:

- Students will demonstrate appropriate professional values in the clinical setting.
- Students will abide by the ethical obligations of the ARRT Code of Ethics.

Goal 5: Students will be involved in professional continuing education activities to instill a desire for lifelong learning.

Student Learning Outcomes:

- Students will participate in professional continuing education.

Goal 6: The program will provide the medical community with radiographers qualified to perform advanced procedures in cardiac interventional radiography, computed tomography, magnetic resonance imaging, mammography, and vascular interventional radiography.

Program Effectiveness Measures:

- Graduates will pass the appropriate certification examination on the first attempt.
- Graduates will successfully complete the program in a three year period.
- Employers will express confidence in the overall quality of graduates' skills.
- Graduate will express confidence in the overall quality of their skills.
- Of those pursuing employment, students will be gainfully employed within 12 months post-graduation.

Location of Clinicals

Clinical experiences occur in local hospitals, including Community Hospital, Munster; Franciscan Health, Crown Point; Franciscan Health, Michigan City; Northwest Health

LaPorte, LaPorte; Methodist Hospital of Gary, Inc. - Merrillville and Gary; St. Mary Medical Center, Hobart; Northwest Health Porter, Valparaiso.

Graduates of the Program

Graduates receive a Bachelor of Science degree and are eligible to take specialty examinations depending on their clinical concentration.

Credentials Required to Practice

R.T.(R) (ARRT) Registered Radiographer.

Indiana Certification Requirements

State certification is required to operate an x-ray machine. The state accepts the ARRT Registry for certification.

Length of the Program

A new class begins the professional course work in the fall semester and completes the professional year at the end of the following spring semester. Part-time option is also available.

Structure of the Professional Program

All professional courses are offered online. Clinical experience is scheduled in cooperation with the clinical site with most experience during normal daytime hours.

Design of the Professional Curriculum

Classes and clinical experiences are integrated throughout the two semesters.

Opportunity for Students to Work

Students may be employed as radiographers while enrolled in the program. Students may find full-time employment during the professional year difficult. Students already employed as technologists in one of the advanced clinical modalities are eligible for replacing clinical coursework with internship courses. The program does not provide internship placements for students.

Description of Facilities

The radiologic sciences classroom and offices are located in the Dunes Medical/ Professional Building at IU Northwest. Clinical experience is provided at local area hospitals.

Admission Process

General Information

Admission to the professional year is competitive. Students are selected based on their previous academic background, and evidence of registration or registration eligibility with the American Registry of Radiologic Technologists (ARRT). Students will need to select an area of clinical concentration. There are a limited number of spaces available in each clinical concentration.

Applicants must provide evidence of registration eligibility with the American Registry of Radiologic Technologists (AART).

Class Size

Class size is restricted by the number of clinical sites available. An attempt will be made to place all qualified applicants.

Application Deadline

January 15 of the year the student wishes to begin the professional year.

Total Number of Prerequisite Credit Hours

90 credit hours.

Curriculum

Pre- and Co-requisites

General education requirements may be taken at Indiana University Northwest (IUN) or any accredited college or university on a part-time basis. The following courses that are followed by (G) meet the general education requirements of the College of Health and Human Services. *Courses must be completed with a grade of C or better.

- *W131 Reading, Writing and Inquiry I (G) 3 cr.
- *W231 Professional Writing (G) 3 cr.
- *S121 Public Speaking (G) 3 cr.
- *College-level mathematics#(G) 3-5 cr.
- *Human anatomy and physiology I and II with labs (G) 8 cr.
- Introductory psychology (G) 3 cr.
- Arts & Humanities elective (G) 3 cr.
- Cultural and Historical Studies elective (G) 3 cr.
- Additional Arts & Humanities OR Cultural & Historical Studies Elective (G) 3 cr
- Statistics (G) 3 cr.
- Second Social/behavioral science elective (G) 3 cr.
- Professional course work in a radiography program 50-52 cr.

Special Credit/Transfer Policy

Students seeking to transfer credit or receive special credit for radiography course work taken in a non-credit-awarding radiography program that has been accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT) (www.jrcert.org) should contact the program director for additional information and counseling.

Students may apply for special credit (12 credit hours) for holding a post-primary certification related to Medical Imaging (ARDMS, CT, MRI, Mammography, Nuclear Medicine, etc.). If special credit is awarded, all remaining courses must be taken within the program. Special credit hours do not apply toward the 30 credit hour in-residence minimum required for graduation from Indiana University Northwest.

Professional Program

The professional program consists of 30 credit hours of 400-level courses.

Courses in the professional senior year are sequential. Therefore, the following courses must be taken in the order specified by the program faculty.

Fall Semester

RADS R403 Advanced Topics in Medical Imaging Technology (3 cr.)

RADS R405 Advanced Diagnostic Imaging I (3 cr.)

RADS R472 Multiplanar Anatomy and Pathology I# (3 cr.)

Clinical Concentration Coursework (6 cr.)

Spring Semester

RADS R406 Advanced Diagnostic Imaging II (3 cr.)

RADS R409 Senior Project in Medical Imaging Technology (3 cr.)

RADS R473 Multiplanar Anatomy and Pathology II (3 cr.)

Clinical Concentration Coursework (6 cr.)

Total (30 cr.)

Graduation Requirements

Satisfactory completion of 120 credit hours to include 90 credit hours of prerequisite and general education courses and 30 credit hours of professional courses.

All professional courses must be completed with a C (2.0) or higher. All course work must be completed in compliance with the program's and school's academic and professional policies.

Diagnostic Medical Sonography Program

Program Goals and Learning Outcomes

The diagnostic medical sonography program has set forth the following goals and student learning outcomes:

Goal 1: Student will demonstrate clinical competence.

Student Learning Outcomes:

- Students will demonstrate proper procedural skills.
- Students will select appropriate instrumentation controls.

Goal 2: Students will demonstrate effective communication skills.

Student Learning Outcomes:

- Students will demonstrate written communication skills
- Students will demonstrate oral communication skills.

Goal 3: Students will demonstrate critical thinking and problem solving skills.

Student Learning Outcomes:

- Students will detail procedural and technical adaptations for a difficult patient.
- Students will evaluate sonographic images for quality.

Goal 4: Students will demonstrate professional values.

Student Learning Outcomes:

- Students will demonstrate appropriate professional values in the clinical setting.
- Students will abide by the ethical obligations of the ARDMS Code of Ethics.

Goal 5: Students will be involved in professional continuing education activities to instill a desire for lifelong learning.

Student Learning Outcomes:

- Students will participate in professional continuing education.
- Students will become members of professional societies.

Goal 6: To prepare competent entry-level general sonographers in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.

- Students will take and pass the SPI examination on the first attempt.
- Students will take and pass the OB/Gyn examination on the first attempt.
- Students will take and pass the Abd/Sm Pts examination on the first attempt.
- Students will successfully complete the program in an 18-month time frame.
- Employers will express confidence in the overall quality of graduates' skills.
- Graduates will express confidence in the overall quality of their skills.

Graduates of the Program

Graduates receive a Bachelor of Science degree and are eligible to take the Sonography Principles and Instrumentation, Abdomen /Small Parts, and OB/Gyn exams offered by the American Registry of Diagnostic Medical Sonography (ARDMS).

Length of the Program

A new class begins the professional course work in Summer Session II. The students will complete their professional portion at the end of the following fall semester.

Structure of the Professional Program

Classes are held during the day. Clinical experience is scheduled in cooperation with the clinical site and are also during normal daytime hours.

Design of the Professional Curriculum

Lectures, lab, and clinical experiences are integrated throughout the program.

Opportunity for Students to Work

Students may find full-time employment during the professional year difficult.

Description of Facilities

The classroom and offices of the Radiologic Sciences—DMS Concentration Program are located in the Dunes Medical/ Professional Building at IU Northwest. Clinical experience is provided at local hospitals.

Location of Clinicals

Clinical experiences occur in local hospitals, including Community Hospital, Munster; Franciscan Health, Crown Point; Franciscan Health, Michigan City; Northwest Health, LaPorte, Laporte; Methodist Hospital of Gary, Inc. - Merrillville and Gary; St. Mary Medical Center, Hobart; Northwest Health Porter, Valparaiso; Ingalls Memorial Hospital, Harvey, IL Franciscan Health Rensselaer and Lafayette.

Admission Policies

Preference is given to healthcare professions (AS degree or higher in a healthcare professional field) and radiographers. Admission to the program is highly competitive. Students are selected based on their previous academic background, Professional Assessment in Radiologic Sciences (PARS), and evidence of registration if applying under healthcare professional background.

Class Size

Class size is restricted by the number of clinical sites available.

Application Deadline

January 15 of the year the student wishes to begin the professional year.

Total Number of Prerequisite Credit Hours

66 credit hours

Curriculum**Prerequisites**

General education requirements may be taken at Indiana University Northwest (IUN) or any accredited college or university on a part-time basis. The following courses that are followed by (G) meet the general education requirements of the College of Health and Human Services. *Courses must be completed with a grade of C or better.

- * W131 Reading, Writing and Inquiry I (G) 3 cr.
- * W231 Professional Writing (G) 3 cr.
- * S121 Public Speaking (G) 3 cr.
- *College-level mathematics (G) 3-4 cr.
- *Human anatomy and physiology I & II with lab (G) 8 cr.
- * P101 Introductory psychology (G) 3 cr.
- Arts & Humanities elective (G) 3 cr.
- Cultural & Historical Studies elective (G) 3 cr.
- Additional Arts & Humanities OR Cultural & Historical Studies Elective (G) 3 cr.
- Second Social/Behavioral Science Elective (G) 3 cr.
- Statistics (G) 3 cr.
- * Health Professions course work or electives 27-28 cr.

Total minimum number of credit hours - 66**Diagnostic Medical Sonography Curriculum****Summer Semester II**

RADS R100 Orientation to Radiologic Technology (2 cr.)

RADS R185 Medical Terminology (1 cr.)

RADS R404 Sectional Imaging Anatomy (3 cr.)

Total 6 cr.

Fall Semester

RADS R250 Physics applied to Radiology (3 cr.)

RADS R490 Fundamentals of Ultrasound (4 cr.)

RADS R181 Clinical Experience (1 cr.)

Total 8 cr.

Spring Semester

RADS R491 DMS Imaging-Abdomen/Sm Pts (5 cr.)

RADS R492 DMS Imaging-OB/Gyne (5 cr.)

RADS R494 DMS Clinical Practicum I (6 cr.)

Total 16 cr.

Summer Semester

RADS R495 DMS Clinical Practicum II (6 cr.)

RADS R497 Vascular Ultrasound (3 cr.)

Total 9 cr.

Fall Semester

RADS R409 Senior Project in Medical Imaging Tech. (3 cr.)

RADS R493 Ultrasound Physics (4 cr.)

RADS R496 DMS Clinical Practicum III (8 cr.)

Total 15 cr.

TOTAL 54 cr.**Graduation Requirements**

Satisfactory Completion of 120 credit hours to include 66 credit hours of prerequisite and general-education courses and 54 credit hours of professional courses. All professional courses must be completed in compliance with the program's and school's academic and professional policies.

Radiation Therapy Program

The educational program in radiation therapy accepts students every other year (odd years).

Program Goals and Learning Outcomes

The radiation therapy program has set forth the following goals and learning outcomes:

Goal 1: Students will demonstrate clinical competence.

Student Learning Outcomes:

- Students will be competent in positioning patients.
- Students will practice radiation protection.

Goal 2: Students will demonstrate effective communication skills.

Student Learning Outcomes:

- Students will demonstrate oral communication skills.
- Students will demonstrate written communication skills.

Goal 3: Students will demonstrate critical thinking and problem solving skills.

Student Learning Outcomes:

- Students will be able to adapt to non-routine situations.
- Students will establish resolution and rationale for challenging circumstances that they may encounter.

Goal 4: Students will demonstrate professional values.

Student Learning Outcomes:

- Students will demonstrate appropriate professional values in the clinical setting.
- Students will detail the ethical obligations described in the ARRT Code of Ethics.

Goal 5: Students will be involved in professional continuing education activities to instill a desire for lifelong learning.

Student Learning Outcomes:

- Students will participate in professional continuing education activities.
- Students will be members of professional societies.

Goal 6: The program will provide the medical community with individuals qualified to perform radiation therapy procedures.

Program Effectiveness Measures:

- Graduates will pass the ARRT exam on first attempt.
- Graduate will express confidence in the overall quality of their skills.
- Employers will express confidence in the overall quality of the graduate's skills.
- Of those pursuing employment, graduates will be gainfully employed within 12 months post-graduation
- Students will successfully complete the program in the two year time frame.

Assessment data described in Goal #6 are available for review under Program Effectiveness Data.

Graduates of the Program

The radiation therapy program is designed to prepare graduates to meet the scope of practice standards for radiation therapy. Upon completion of the program, graduates are eligible to take the radiation therapy certification examination given by the American Registry of Radiologic Technologists (ARRT). Having successfully passed this exam, certificate holders are classified as registered radiation therapists, R.T.(T) (ARRT). State certification is required to operate radiation therapy equipment. The state accepts the ARRT Registry for certification.

Length of the Program

The radiation therapy program is a four-year baccalaureate degree program composed of 51 credit hours of prerequisite and general education requirements and a professional core in the junior and senior years of 69 credit hours.

Design of the Professional Curriculum

The curriculum follows a pattern that trains the student to become skilled in the performance of radiation therapy procedures. Courses in radiologic principles, technical courses in radiation therapy, clinical application of theory, and general education are included in the curriculum. Lectures, lab, and clinical experiences are integrated throughout the program.

Structure of the Professional program

Classes are held during the day. Clinical experience is scheduled in cooperation with the clinical site with experience during normal daytime hours.

Opportunity for Students to Work

Students may find full-time employment during the professional program difficult.

Description of Facilities

The radiation therapy program offices and classrooms are located in the Dunes Medical/ Professional Building at IU Northwest.

Location of Clinicals

Clinical experiences have been planned in local hospitals, including the Community Hospital in Munster; Franciscan St. James Health in Olympia Fields, IL; Franciscan Health Munster in Munster, IN; Ingalls Memorial Hospital in Harvey, Illinois; Methodist Hospital of Gary, Inc., Southlake campus in Merrillville; Michiana Hematology Oncology, PC, in Westville; Franciscan Health Woodland

Cancer Care Center in Michigan City, IN; Loyola University Medical Center in Maywood, IL; St. Mary Medical Center in Hobart, IN.

Accreditation

The Radiation Therapy Program is approved by the Joint Review Committee on Education in Radiologic Technology (JRCERT), 20 N. Wacker Drive, Suite 2850, Chicago, IL 60606-3182; phone (312) 704-5300; www.jrcert.org.

Admission Policies

Preference is given to healthcare professions (AS degree or higher in a healthcare professional field) and radiographers. Admission to the program is highly competitive. Students are selected based on their previous academic background, Professional Assessment in Radiologic Sciences (PARS), and evidence of registration if applying under healthcare professional background.

Class Size

Class size is restricted by the number of clinical sites available.

Application Deadline

January 15 of the year the student wishes to begin the professional year.

Total number of Prerequisite Credit Hours

51 credit hours

Curriculum

Prerequisites

1. General education requirements may be taken at Indiana University Northwest (IUN) or any accredited college or university on a part-time basis. The following courses that are followed by (G) meet the general education requirements of the College of Health and Human Services. *Courses must be completed with a grade of C or better.
 - *W131 Reading, Writing, and Inquiry I (G) 3 cr.
 - *W231 Professional Writing (G) 3 cr.
 - *Verbal Communication Course 3 cr.
 - *M119 Brief Survey of Calculus or M125 Precalculus Mathematics 3 cr.
 - *Human Anatomy and Physiology I & II with lab (G) 8 cr.
 - Introductory Psychology (G) 3 cr.
 - Arts & Humanities Electives (G) 3 cr.
 - Second Social/Behavioral Science Elective (G) 3 cr.
 - Cultural & Historical Studies Electives (G) 3 cr.
 - Additional Arts & Humanities OR Cultural & Historical Studies Elective (G) 3 cr.
 - Statistics (G) 3 cr.
 - Health Professional Radiography Coursework or Electives 13 cr.

Total minimum number of credit hours - 51 cr.

Special Credit/Transfer Policy

Students seeking to transfer credit or receive special credit for radiography course work taken in a non-credit-awarding radiography program that has been accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT) (www.jrcert.org) should contact the program director for additional information and advising.

Radiation Therapy Curriculum SUMMER II SEMESTER

RADS R100 Orientation to Radiologic Technology (2 cr.)

RADS R185 Medical Terminology (1 cr.)

RADS J304 Radiation Oncology Patient Care (2 cr.)

Total 5 cr.

FALL SEMESTER

RADS R250 Physics Applied to Radiology (3 cr.)

RADS J301 Orientation to Radiation Therapy (4 cr.)

RADS J350 Clinical Experience Basic (4 cr.)

RADS R472 Multiplanar Anatomy and Pathology I (3 cr.)

Total 14 cr.

SPRING SEMESTER

RADS R260 Radiation Biology and Protection (3 cr.)

RADS J302 Radiation Oncology Techniques (3 cr.)

RADS J351 Clinical Practicum II (4 cr.)

RADS R473 Multiplanar Anatomy and Pathology II (3 cr.)

Total 13 cr.

SUMMER SEMESTER

RADS J402 Radiation Oncology Techniques II (3 cr.)

RADS J450 Clinical Practicum III (4 cr.)

Total 7 cr.

FALL SEMESTER

RADS J303 Clinical Oncology I (3 cr.)

RADS J305 Clinical Dosimetry I (3 cr.)

RADS J400 Physics of Radiation Oncology (3 cr.)

RADS J451 Clinical Practicum IV (4 cr.)

Total 13 cr.

SPRING SEMESTER

RADS J401 Physics of Radiation Oncology II (3 cr.)

RADS J403 Clinical Oncology II (3 cr.)

RADS J404 Quality Management in Radiation Oncology (3 cr.)

RADS J409 Senior Project in Radiation Oncology (3 cr.)

RADS J452 Clinical Practicum V (4 cr.)

Total 16 cr.

Professional Courses Total 69 cr.

Graduation Requirements

Satisfactory completion of 120 credit hours to include 51 credit hours of prerequisite and general-education courses and 69 credit hours of professional courses.

All professional courses must be completed with a C (2.0) or higher. All course work must be completed in compliance with the program's and school's academic and professional policies.

B.S. in Medical Imaging Technology (Online)

The BS in Medical Imaging Technology is for working professionals who are already certified in Radiography (ARRT), Nuclear Medicine (ARRT or NMTCB), Diagnostic Medical Sonography (ARRT or ARDMS), or Radiation Therapy (ARRT).

Students who are not certified in one of these areas are not eligible to apply. To become certified, students must complete prescribed educational requirements at a two- or four-year college and pass a national professional certification exam.

The program may be completed on a full- or part-time basis.

This 100 percent online, consortial program is taught by IUPUI, IU Kokomo, IU Northwest, and IU South Bend. This consortial model allows students to take coursework from several campuses and learn from a wide range of faculty.

Program Goals and Learning Outcomes

Students will gain knowledge and skills in the following core areas:

1. Medical Imaging Technology Principles (3 credit hours)

- Learn the history of the medical imaging profession
- Master basic imaging principles for a variety of imaging modalities

2. Medical Imaging Technology Procedures (3 credit hours)

- Compare and contrast the various modalities in terms of radiation sources, uses, and safety
- Apply medical imaging concepts and principles to analyze new uses and procedures

3. Anatomy and Pathology (6 credit hours)

- Explain the different disease states that are seen or treated within the field of radiology
- Determine which radiologic procedures are used in the diagnosis and treatment of various disease states
- Analyze how physicians use patient data and images for use in patient case management
- Identify anatomical structures of the human body
- Describe relationships of structures to one another
- Discuss the different appearance of anatomy from one modality to another

4. Research in Medical Imaging Technology (6 credit hours)

- Demonstrate computer skills needed to perform a literature search
- Formulate a research question
- Research a selected topic
- Use a variety of multi-media tools to produce images for presentations and posters
- Disseminate scientific information in a professional quality poster and research paper
- Investigate the basic tenets of human subjects research

5. Medical Imaging Technology Nonclinical Concentration (12 credit hours)

Students must complete 12 hours of elective coursework. Students may develop their own tracks with the consent of their program faculty.

Degree Requirements

To graduate with the BS in Medical Imaging Technology, you must:

1. Complete a total of 120 semester credit hours, including

All campus general education requirements

Program core course requirements

12 credit hours of elective courses

2. Complete at least 30 credit hours through Indiana University.
3. Complete at least 30 credit hours at the 300- and 400-level.
4. Maintain a minimum GPA of 2.0 and achieve a minimum grade of C in each required course.

Admission Policies

To gain admission to the B.S. in Medical Imaging Technology, you must hold certification in radiography (AART), nuclear medicina (AART or NMTCB), sonography (AART or ARDMS), or radiation therapy (AART).

Limitations of Course Work

- Remedial course work will not count as credit hours toward the degree or for purposes of calculation of a grade point average during the admission process.

Seven Year Limit

- Anatomy and physiology I and II have a 7 year age limit between completion and time of admission. Students may opt to take the course again or challenge the course by departmental examination.

*Credentialed health care professionals are exempt from this requirement.

Transfer Policy

- You can transfer up to 64 credit hours from a regionally accredited community college, or 90 credit hours from an accredited four-year university or college. Students with both a primary and post-primary certification (i.e. RT and CT) are eligible for up to 12 special credit hours. Special credit hours cannot be used towards the 30 hours in-residence IU hours.

Repeated courses

- In order to qualify for admission and/or progression, the student must pass the required pre- and co-requisite coursework by the second completed attempt.

Minimum Cumulative Grade Point Average

- 2.0 on a 4.0 scale.

Minimum Grade Requirement in a Prerequisite Coursework

- C (2.0 on a 4.0 scale).

Medical Imaging Technology Core Courses

Students must complete a total of 120 credit hours composed of general education, college/school requirements (if applicable) and MIT requirements.

1. General education and college/school requirements according to their campus of residence. Must pass all courses with a letter grade of "C" or better.
2. College or school requirements according to their campus of residence
3. Imaging (6 credits)

Complete one of the following sequence of courses:

- AHLT-R 405 Advanced Diagnostics Imaging I#and AHLT-R 406 Advanced Diagnostic Imaging II
- RADS-R 405 Adv Diagnostic Imaging I#and RADS-R 406 Adv Diagnostic Imaging II
- RAD-R 451 Medical Imaging Theory I#and RAD-R 453 Medical Imaging Theory II

1. Multiplanar Anatomy and Pathology (6 credits)

Complete one of the following sequence of courses:

- AHLT-R 472 Multiplanar Anatomy and Pathology I#and AHLT-R 473 Multiplanar Anatomy and Pathology II
- RAD-R 472 Multiplanar Anatomy and Pathology I#and RADS-R 473 Multiplanar Anatomy and Pathology II
- RADS-R 472 Multiplanar Anatomy and Pathology I#and RAD-R 473 Multiplanar Anatomy and Pathology II

1. Research (6 credits)

Complete one of the following combinations of courses:

- AHLT-R 409 Project in Medical Imaging#and HSC-W 314 Ethics in Health Professionals
- AHLT-R 409 Project in Medical Imaging#and PAHM-W 314 Ethics in Health Professionals
- RAD-R 456 Medical Imaging Technology Project I#and RAD-R 457 Medical Imaging Technology Project II
- RADS-R 403 Advanced Topics in Medical Imaging Technology#and RADS-R 409 Project in Medical Imaging Technology

1. Professional Advancement in MIT (12 credits)*

Complete all of the following:

- AHLT-R 413 Introduction to Imaging Technology Leadership
- AHLT-R 416 Trends in Medical Imaging Technology I
- RAD-R 418 The Teaching Technologist: Clinical Instruction
- RADS-R 402 Medical Imaging Informatics

*eSpecial Credit may take the place of Professional Advancement courses for students holding additional credentials. Program Director can evaluate additional transfers should a student request permission.

- AHLT-R 431 Second Certification (Professional Credential) (1-12 credits)

- RADI-R 431 Second Certification (Professional Credential) (1-12 credits)

Division of Social Work

Administrative Officer

Mark D. Thomas, Ph.D., *Associate Professor of Social Work and Interim Director*

Web site: <https://socialwork.iu.edu/northwest/> **Phone:** (219) 980-7111

Overview

General Information

The Division of Social Work is a collaborative effort of the Indiana University School of Social Work and Indiana University Northwest. Both the Master of Social Work (M.S.W.) and Bachelor of Social Work (B.S.W.) degrees are offered on the IUN campus. The Master of Social Work is available on a three or four year part time schedule designed to meet the needs of working professionals in Northwest Indiana. The Bachelor of Social Work is offered on a full time or part time schedule.

Graduates of the school move into a broad variety of social service settings, including those concerned with aging, family and child welfare, corrections, mental and physical health, and adjustment in schools. In anticipation of such professional activities, the school provides field instruction placements throughout the state where students engage in services to individuals, groups, families, communities, and organizations or function in leadership roles.

The Bachelor of Social Work (B.S.W.) program prepares students for generalist social work practice. The Master of Social Work (M.S.W.) program prepares graduate students for advanced social work practice in clinical and community practice. Although the degree programs vary in their emphasis and levels of complexity, the school's curricula embody features that are systemic in their educational effects: The total curriculum articulates the relationship of the undergraduate and graduate levels as components of a continuum in education for social services.

- The mechanisms of instruction provide opportunities for a range of experiences in substantive areas of interest to students and of importance to society.
- The curriculum focuses on problem-solving and strength-enhancing experiences that involve the classroom and field experience.
- Excellent library and technology resources make social work students effective users of social science information.
- An exploration of educational procedures and arrangements optimizes effective training, including institutional self-study of the entire curriculum as well as the exploration of specific educational tools.

As part of the Indiana University School of Social Work, the IUN program is accredited by the Council on Social Work Education. The Council is the national body authorized to accredit the baccalaureate and graduate level social work programs in this country and to assure student exposure to a quality professional educational experience. The Council conducts its accrediting

responsibilities through the Commission on Accreditation. After initial accreditation, all the programs must be reaccredited every eight years. For information on the Council on Social Work Education, including the national accredited program list, contact:

Council on Social Work Education
1725 Duke Street, Suite 500
Alexandria, Virginia 22314-3457

Telephone: (703) 683-8080
Website at <http://www.cswe.org>.

The School is a member of the International Association of Schools of Social Work. The School's administrators are active participants in the National Association of Deans and Directors of Schools of Social Work, the Association of Baccalaureate Social Work Program Directors and the Group for the Advancement of Doctoral Education, among others.

Indiana University School of Social Work Vision and Mission Statements

As an overall guide to its educational activities, the Indiana University School of Social Work holds the following as its mission and vision statements:

Guided by an authentic commitment to diversity, equity and inclusion, the Indiana University School of Social Work is nationally and internationally recognized for educating leaders of tomorrow through community-engaged practice, research and partnerships to positively impact individuals and society.

The Indiana University School of Social Work, across its multiple campuses and online communities, provides a rich array of quality, accessible and affordable educational opportunities to prepare graduates for practice and research in an increasingly diverse world. The School contributes to creating a fair, just, and equitable society by educating competent and ethical professionals to address complex social, environmental, and economic challenges on local, state, national and global levels. Establishing dynamic partnerships, the School enhances the health and wellbeing of individuals, families, groups, organizations and communities, leading innovative and translational solutions through community-engaged practice, advocacy, policy, research and service.

Policy on Non-Discrimination

Based on tradition of the social work profession, and consistent with Indiana University's Equal Opportunity Policy, the Indiana University School of Social Work affirms and conducts all aspects of its teaching, scholarship, and service activities without discrimination on the basis of race, color, gender, socio-economic status, marital status, national or ethnic origin, age, religion/creed, disability, and political or sexual orientation.

The School of Social Work has a strong commitment to diversity and nondiscrimination. Indeed, diversity is celebrated as a strength. This perspective is demonstrated by the composition of its faculty and student body, curriculum content, recruitment and retention activities, participation in University committees dealing with oppressed populations, numerous service activities, including advocacy on behalf of the disadvantaged,

selection of field practicum sites, and School policies related to promotion and tenure of its faculty.

Educational Requirements

Students are admitted to the undergraduate (B.S.W.) and graduate (M.S.W.) programs on the assumption that they have the potential academic ability and personal suitability for completing the professional program in which they are enrolled. All students in the B.S.W. and M.S.W. program are expected to maintain the standards established by the School of Social Work and those held by the social work profession. In order to detect possible problems, the School of Social Work reviews students' performance periodically.

The Bachelor of Social Work and the Master of Social Work degrees are recommended by the school and conferred by the university. Undergraduate students must successfully complete 120 credit hours of general education and required social work courses. Graduate students must successfully complete 60 credit hours of required and elective courses carrying graduate credit. Each student is expected to follow the university and school schedules and dates for completion of requirements. Graduate students must complete all work within six calendar years from the time of first enrollment.

M.S.W. Academic Standard

For continuation in and graduation from the program, students are required to:

1. earn at least a "C" in each Social Work course;
2. maintain a minimum 3.0 cumulative GPA in Social Work courses;
3. have satisfactorily fulfilled any and all contracts for grades of Incomplete (see policy on Grades of Incomplete)
4. Earn a grade of "C" in S555 Practicum I and a grade of "Satisfactory" in S 651, Practicum II and S652, Practicum II.

B.S.W. Academic Requirements

For continuation in and graduation from the program, students are required to:

1. earn at least a "C" in each Social Work course;
2. maintain a minimum 2.5 cumulative GPA in Social Work courses;
3. maintain an overall cumulative grade point average of 2.5
4. have satisfactorily fulfilled any and all contracts for grades of Incomplete (see policy on Grades of Incomplete)
5. Earn a grade of "C" in S 481, Practicum I and S482, Practicum II.

Criminal Offense Disclosure and Sexual Offenders Policy

As part of the application process, students provide a disclosure statement regarding past criminal offenses and driving infractions. Master and Bachelor of Social Work graduates are eligible to apply for legal licensure by the State of Indiana. While such disclosure does not pre-empt an admissions decision for either the B.S.W. or M.S.W. program, admitted students must realize that a criminal history and past driving infractions may impose limitations

for students and professionals attempting to obtain field placements, employment in certain practice settings, and eligibility for licensure.

It is the policy of the School of Social Work that no student or applicant who has been convicted of sex offenses against children shall be eligible for admission or matriculation into the B.S.W., M.S.W. or Ph.D. programs. Any student who is already in an IUSSW program and whose name appears on the Registry during the time of matriculation, or has been convicted of an offense for which the student can be listed on the Registry, shall be ineligible for continuation or completion of the B.S. W. or M.S.W. degree. Any faculty member, student, field instructor, or other person within the school who becomes aware of such a situation should bring it to the attention of the respective program director for appropriate action. This policy and the right of appeal is discussed further in the section on Students' Rights and Responsibilities.

Liability Insurance Students are required to carry professional liability insurance. Under the school's blanket policy, the cost of insurance is included in the student's tuition fees.

Credit for Life Experience Academic credit for life experience and previous work experience is not given in whole or part towards the social work degree.

Bachelor of Social Work General Information

The B.S.W. program was brought to the Indiana University Northwest campus in 2010 and graduated its first class in 2012.

This four-year degree program prepares students for generalist social work practice. It helps students develop the competence to apply knowledge, values, and skills to practice with individuals, small groups, organizations, and communities. The program also prepares students for graduate education. The B.S.W. degree equips the practitioner to work with people who are encountering challenges related to personal or social circumstances. In addition, qualified graduates may apply for advanced standing to the IU School of Social Work or other M.S.W. programs nationwide. Following the equivalent of a minimum of two postgraduate years of supervised social work practice experience, B.S.W. graduates of IU are eligible to apply for licensure by the state of Indiana. Upon successful completion of licensing requirements, the Indiana State Health Professions Bureau designates the B.S.W. graduate a Licensed Social Worker (L.S.W.).

B.S.W. Program Mission and Vision

In 2011, the School of Social Work B.S.W. Program reaffirmed its mission and vision. The educational mission of the Bachelor of Social Work program of Indiana University is to prepare students for generalist social work practice with vulnerable people in Indiana and beyond and prepare graduates as critical thinkers and lifelong learners, who reflect a global perspective, recognize strengths, enhance opportunities, create change, and contribute to the empowerment of the people they serve.

The B.S.W. Program's vision is to be a leader in preparing social workers for strengths-based generalist social work practice with vulnerable populations. As stated in the B.S.W. Student Handbook, the B.S.W. Program is

committed to high standards for educational delivery and achievement; the core values of the profession (service, social justice, dignity and worth of the person, importance of human relationships, integrity, and competence); diversity among students, faculty, and staff; and, development, dissemination, and assessment of effective practices.

The B.S.W. degree is offered on the Indianapolis (IUPUI), Bloomington (IUB), Gary (IUN), Richmond (IUE), South Bend (SB) and Fort Wayne (IUFW) campuses. Students in the B.S.W. Program must complete all sophomore and junior social work courses and achieve senior standing before enrolling in the senior social work courses.

For specific information regarding the B.S.W. Program at IU Northwest, contact

B.S.W. Program
Indiana University Northwest
3400 Broadway
Gary, IN 46408-1197
Telephone: (219) 980-7111

BSW Scholars Program (Title IV-E)

The Title IV-E Program is offered to students involved in the Indiana Partnership for Social Work Education in Child Welfare, funded in part by Title IV-E. The program provides training and financial support for seniors pursuing a career in protective services through the Indiana Department of Child Services. Students apply for this program in the junior year with the final selections made by the Department of Child Services. Students begin the program by enrolling in a required course in their junior year and begin their practicum within the Department of Child Services in the senior year.

Overview

Bachelor of Social Work (BSW)

The Student Learning Outcomes for the BSW degree program are derived from the Council on Social Work Education's (CSWE) competencies and specific practice behaviors required for professional social work practice at the Bachelor's level, as articulated in the Educational Policy and Accreditation Standards document (CSWE, 2008).

Competency #1: Identify as a professional social worker and conduct oneself accordingly.

1. Students advocate for client access to the services of social work.
2. Students practice personal reflection and self-correction to assure continual professional development.
3. Students attend to professional roles and boundaries.
4. Students demonstrate professional demeanor in behavior, appearance, and communication.
5. Students engage in career-long learning.
6. Students use supervision and consultation.

Competency #2: Apply social work ethical principles to guide professional practice.

1. Students recognize and manage personal values in a way that allows professional values to guide practice.

2. Students make ethical decisions by applying standards of the National Association of Social Work Code of Ethics and, as applicable, of the International Federation of Students/International Association of Schools of Social Work Ethics in Social Work, Statement of Principles.
3. Students tolerate ambiguity in resolving ethical conflicts.

Competency #3: Apply critical thinking to inform and communicate professional judgments.

1. Students apply strategies of ethical reasoning to arrive at principled decisions.
2. Students distinguish, appraise, and integrate multiple sources of knowledge, including research-based knowledge, and practice wisdom.
3. Students analyze models of assessment, prevention, intervention, and evaluation.
4. Students demonstrate effective oral and written communication in working with individuals, families, groups, organizations, communities, and colleagues.

Competency #4: Engage diversity and difference in practice.

1. Students recognize the extent to which a culture's structures and values may oppress, marginalize, alienate, or create or enhance privilege and power.
2. Students gain sufficient self-awareness to eliminate the influence of personal biases and values in working with diverse groups.
3. Students recognize and communicate their understanding of the importance of difference in shaping life experiences.
4. Students view themselves as learners and engage those with whom they work as informants.

Competency #5: Advance human rights and social and economic justice.

1. Students understand the forms and mechanisms of oppression and discrimination.
2. Students advocate for human rights and social and economic justice.
3. Students engage in practices that advance social and economic justice.

Competency #6: Engage in research-informed practice and practice-informed research.

1. Students use practice experience to inform scientific inquiry.
2. Students use research evidence to inform practice.

Competency #7: Apply knowledge of human behavior and the social environment.

1. Students utilize conceptual frameworks to guide the processes of assessment, intervention, and evaluation.
2. Students critique and apply knowledge to understand person and environment.

Competency #8: Engage in policy practice to advance social and economic well-being and to deliver effective social services.

1. Students analyze, formulate, and advocate for policies that advance social well-being.

2. Students collaborate with colleagues and clients for effective policy action.

Competency #9: Respond to contexts that shape practice.

1. Students continuously discover, appraise, and attend to changing locales, populations, scientific and technological developments, and emerging societal trends to provide relevant services.
2. Students provide leadership in promoting sustainable changes in service delivery and practice to improve the quality of social services.

Competency #10(a): Engage with individuals, families, groups, organizations and communities.

1. Students substantively and affectively prepare for action with individuals, families, groups, organizations, and communities.
2. Students use empathy and other interpersonal skills.
3. Students develop a mutually agreed-on focus of work and desired outcomes.

Competency #10(b): Assess with individuals, families, groups, organizations and communities.

1. Students collect, organize, and interpret client data.
2. Students assess client strengths and limitations.
3. Students develop mutually agreed-on intervention goals and objectives.

Competency #10(c): Intervene with individuals, families, groups, organizations and communities.

1. Students select appropriate intervention strategies.
2. Students initiate actions to achieve organizational goals.
3. Students implement prevention interventions that enhance client capacities.
4. Students help clients resolve problems.
5. Students negotiate, mediate, and advocate for clients.

Competency #10(d): Evaluate with individuals, families, groups, organizations and communities.

1. Students facilitate transitions and endings.
2. Students critically analyze, monitor, and evaluate interventions.

Bachelor of Social Work Admission Requirements

Enrollment in the B.S.W. program requires formal admission to the School of Social Work. The following are the minimum requirements for admission consideration:

- Regular admission to the university.
- Completion of a minimum of 12 credit hours. Although advanced students may also apply.
- Satisfactory completion (grade of C or higher) of the required course S141 Introduction to Social Work.
- A minimum cumulative grade point average (GPA) of 2.5 on a 4.0 scale.
- Evidence of characteristics or potential required for competent social work practitioners as defined in the mission statement of the school. Such evidence may be derived from application materials, letters of reference, pertinent work or volunteer experience,

and performance in S141 Introduction to Social Work.

While the B.S.W. Program uses a rolling admissions policy, applicants, to ensure a timely review of their applications, should submit completed applications in the fall by November 1 and in the spring by the Monday after Spring break. IU Northwest students generally apply at the end of their sophomore year, but can do so later in their academic career. Community college transfer students generally apply at the point of transfer or after completing their first semester at IU Northwest. The formal admission process is electronic. The electronic application can be accessed at: <http://socialwork.iu.edu/Apply-to-BSW/>. Admission information may be obtained from:

Dr. Marshelia Harris
B.S.W. Program Director
Indiana University Northwest
Telephone: (219) 980-5630
Email: mdharris@iu.edu

Transfer Students Students transferring from another four year accredited academic institution or a community college into Indiana University have their transcripts evaluated by the University Admissions office in relation to their progress toward meeting general education and supportive area degree requirements. In most instances, the University Admissions office assessment is accepted in relation to general and supportive area course requirements.

All social work courses beyond the introductory level must be taken in an accredited social work program. Transfer courses taken at another accredited B.S.W. program must also meet Indiana University's academic standards (an earned letter grade of "C" or better), and be judged as equivalent to the School of Social Work's required social work courses by the campus Program Director on the campus where students are applying for admission.

Ivy Tech Transfer Students

The Indiana University School of Social Work welcomes students who are transferring from Ivy Tech community college campuses. Ivy Tech students, who have earned the associates degree in human services, are prepared to complete the four-year B.S.W. degree at the Indiana University School of Social Work.

Students currently enrolled at Ivy Tech are encouraged to plan ahead prior to transferring to an IUSSW B.S.W. program by calling or meeting with the campus Program Director. Early planning can ensure a smoother transfer process.

Bachelor of Social Work Curriculum Educational Requirements

A minimum of 120 credit hours is required for the B.S.W. degree. In addition to social work courses and electives, the following outlines the general liberal arts requirements. Of these, 52 credit hours are social works courses and 36-38 credit hours are devoted to supportive liberal arts courses.

The BSW degree requirements are broken into three areas: general education, support courses, and required social work courses. General education courses requirements vary by campus. Students enrolled at the IU Northwest campus must meet the campus's general

education requirements. The B.S.W. Program also has basic educational support course requirements and required social work courses:

Program Support Courses

- Writing in Professional Social Work (SWK-S204)
- Modern American History Course (HIST-H 106)
- Human Biological Science Course (BIOL-L100, BIOL-L104, or PHSL-P130)
- American Government Course (POLS-Y103)
- Introductory Psychology Course (PSY-P101)
- 300-level Psychology or Sociology Course or a Social Work elective course
- Principles of Sociology (SOC-S161)

Social Work Course Requirements (15 courses)

S102 Understanding Diversity in a Pluralistic Society (3 cr.)
 S141 Introduction to Social Work (3 cr.)
 S221 Growth and Human Development in the Social Environment (3 cr.)
 S251 History and Analysis of Social Welfare Policy (3 cr.)
 S322 Small Group Theory and Practice (3 cr.)
 S331 Generalist Social Work Practice I: Theory and Skills (3 cr.)
 S332 Generalist Social Work Practice II: Theory and Skills (3 cr.)
 S371 Social Work Research (3 cr.)
 S423 Organizational Theory and Practice (3 cr.)
 S433 Community Behavior and Practice (3 cr.)
 S442 Practice-Policy Seminar in Fields of Practice (3 cr.)
 S472 Social Work Practice Evaluation (3 cr.)
 S481 Social Work Practicum I (6 cr.)
 S482 Social Work Practicum II (7 cr.)

Academic Standards

For continuance in and graduation from the program, students are required to: (1) maintain a minimum cumulative GPA of 2.5 in all letter-graded courses, (2) attain a minimum grade of C (2.0) or satisfactory in each required social work course, (3) maintaining a minimum GPA of 2.5 in all required social work courses, and (4) carry out professional activity in conformity with the values and ethics of the profession.

In the event of failure to meet such requirements, students will be ineligible to continue in the program. Such students are encouraged to consult with their faculty advisor regarding realistic planning for the future, including the right to petition for administrative review. Detailed descriptions of student continuation policies are in the *B.S.W. Student Handbook*.

Repeated Courses

Required social work courses may be repeated only after the student is reinstated in the program with permission.

Incompletes

Instructors at Indiana University School of Social Work follow closely the university policy regarding the assignment of grades of Incomplete (I). An Incomplete may be assigned by an instructor when exceptional circumstances, such as an illness, injury, or a family emergency, prevent a student from finishing all the work required for the course. Instructors may award the grade of Incomplete only when such hardship would render it unjust to hold the student to the time limits previously

set. Furthermore, the grade of Incomplete may be given only when the student has completed three-fourths of the semester with course work of passing quality.

The instructor, on a case-by-case basis, evaluates incompletes. The grade of Incomplete (I) will be changed to a grade by the instructor of record, based upon the contract devised by the course instructor and approved by the B.S.W. Program Director.

If the terms of the Incomplete contract are not met by the student, the instructor will assign the original grade.

Pass/Fail Grades

A maximum of four pass/fail courses may be applied to the B.S.W. degree. All general education, supportive area requirements, and required social work courses need a letter grade.

TSAP in Social Work - BSW

Completion of an eligible AS or AA degree at Ivy Tech or Vincennes may put you on a Single Articulation Pathway to a BA or BS at IU Northwest, without a loss of credit hours.

For more information on the TSAP in Social Work see Single Articulation Pathways - Indiana University Northwest.

Master of Social Work General Information

The M.S.W. program was brought to the Indiana University Northwest campus in 1996 and graduated its first class in 2000. Graduates of the Division of Social Work move into a broad variety of social service settings. These include those concerned with aging, family and child welfare, corrections, mental and physical health, communities, political change and analysis, and school adjustment. In anticipation of such professional activities, the school provides field instruction placements throughout northwest Indiana where students engage in services to individuals, groups, families, and communities or function in planning and management roles.

The general goal of the graduate program is preparation for advanced social work practice. In addition to generalist knowledge and skills, the programs provide an opportunity for development of special competence in school social work, mental health and addictions, and health. Educational resources for students in the program include a substantial library, and diversified field instruction settings.

M.S.W Program Mission and Goals

In 2012 the faculty adopted a revised mission for the Master of Social Work program to further reflect the purpose and values of the profession. *The mission of the Indiana University School of Social Work MSW program is to educate students to be prepared for practice with specialized expertise that includes advocating for social, racial, and economic justice, to be critically thinking, research informed, continuously learning, ethical, and competent social workers at rural, urban and global levels.*

The Master of Social Work program goals are to:

- Educate students to be effective and knowledgeable professionals prepared for advanced social work practice.
- Build upon a liberal arts perspective to prepare students to continue their professional growth and development through a lifetime of learning, scholarship, and service.
- Educate students to understand and apply the fundamental values and ethics of the social work profession in their practice.
- Prepare students for social work practice with diverse populations and with client systems of all sizes.
- Educate students about the social contexts of social work practice, the changing nature of those contexts, the behavior of organizations, and the dynamics of change.
- Engage in scholarly activity including the discovery, integration, application, dissemination, and evaluation of knowledge for practice.
- Promote and advocate for social and economic justice.

Part Time Evening Program The part time evening program at Indiana University Northwest enables student to complete the foundation curriculum (the first 31 credit hours of the program) over two calendar years. Following the first 31 hours of the foundation and practice area curriculum (all concentration courses except for S618 and S623/624), students enter into one of six practice areas. Options for practice areas on the IU Northwest campus include: Health; Mental Health and Addictions; and School Social Work. Students begin the program in late August. Subsequent classes and field practica are held during the week (usually Monday through Thursday or online). Part time evening students are also required to complete the curriculum (the final 29 credit hours of the program) over the course of the third calendar year, although students may elect to extend course work and internships up to four years.

Advanced Standing Program Students holding undergraduate social work degrees may be eligible for this program, which begins during the Fall semester. The following are specific requirements for consideration for admission to the advanced standing program:

- Graduation within ten years from a baccalaureate social work program accredited by the Council on Social Work Education.
- A cumulative grade point average of at least 3.0 on a 4.0 scale.
- A cumulative grade point average of at least 3.0 in all social work courses taken prior to admissions committee action. Accordingly, applicants to the advanced standing program must provide the admissions committee with an official transcript. Senior B.S.W. students must provide a transcript including the fall semester grades of their senior year.
- Evidence of characteristics and/or potential required for competent social work practice as defined in the mission statement of the school. Such evidence may be derived from application materials, letters of reference, and/or pertinent work or volunteer experience.

- BSW seniors enrolled in the IU School of Social Work qualify for the fast track admissions process provided they have a 3.25 GPA and a reference from their campus BSW Program Director.

Indiana Partnership for Social Work Education in Child Welfare (Title IV-E)

The Title IV-E Program is offered to students involved in the Indiana Partnership for Social Work Education in Child Welfare, funded in part by Title IV-E, and enables students to complete the Foundation Curriculum (the first 21 credit hours of the program) the first academic year. Eligibility for the Title IV-E program is limited to current employees of the Indiana Department of Child Services. Classroom courses are offered on weekday evenings. Students begin the program by enrolling in their first courses during the fall semester.

Master of Social Work Admission

Professional social work education requires students at the master's level to undertake a rigorous program of classroom and field study. The Indiana University School of Social Work seeks to admit individuals who have demonstrated competency through previous academic work, professional achievements, and volunteer commitments. A strong commitment to social justice and service to others should be evident in the application. The school also seeks to provide an ethnically and culturally diversified student body.

Admission information for the Indiana University Northwest M.S.W. program may be obtained from:

Dr. Mark Thomas, Interim Director
Indiana University Northwest
Phone: (219) 980-7111

Web site: socialwork.iu.edu

Enrollment in the M.S.W. program requires official admission to the Indiana University School of Social Work. A limited number of students are admitted each year.

The following criteria are considered when making admissions decisions:

- Evidence of an earned bachelor's degree from a regionally accredited college or university.
- An undergraduate record that reflects a liberal arts perspective as demonstrated by the successful completion of a minimum of six courses in social or behavioral sciences. Courses from the following disciplines are accepted: social work, psychology, sociology, anthropology, economics, history, human services, political science, government, criminal justice, and/or languages.
 - Note: Other social or behavioral sciences courses outside of the listed disciplines may be accepted.
- An undergraduate record that reflects successful completion of a college-level math course or equivalent.
- Critical thinking skills and the ability to communicate effectively in writing, as reflected in the application questions and required writing sample and statement.
- Evidence of personal qualities considered important for social work practice.

- It is the policy of the School of Social Work that no student or applicant who has been convicted of sex offenses against children shall be eligible for admission or continuation into the BSW, MSW or Ph.D. programs.

Note: The Graduate Record Exam (GRE), the Miller's Analogy Test (MAT), and other graduate tests are not required.

Applications are available in early fall of the year preceding admission. The application process is electronic. Information pertaining to the deadlines, requirements, and program details can be found in the online application at <http://socialwork.iu.edu/Admission/MSW/Index.php>. All applicants are encouraged to submit applications as soon as possible and before the final application priority date. The M.S.W. admissions committee will make all decisions and notify students beginning in early spring. Applications are evaluated on the basis of the criteria outlined above. Admission is competitive and the instructional resources of the school determine total enrollment.

International Students/International Degrees

Applicants who are not citizens of the United States should apply as early as possible preceding the fall in which they wish to enter. They must fill out the international application and the Indiana University School of Social Work application by the posted deadlines. They also must provide proof of their ability to pay fees and support themselves adequately during the period of their study and, through examinations designated by the school, must demonstrate an ability to comprehend, write, and speak English at an acceptable level.

International students or any person holding a degree obtained outside of the United States should request an international application from the following address:

International Affairs
IUPUI
902 W. New York Street, ES2126
Indianapolis, IN 46202-5154
Telephone: (317) 274-7000
E-mail: oia@iupui.edu

Transfer Students

A limited number of transfer students from other accredited M.S.W. programs may be accepted each year. Master of Social Work students interested in transferring to Indiana University must complete an application for admission to the program. Applicants must submit a reference letter from the previous MSW program director stating that the student left the program in good standing and verifying the student's competence in the field of social work. Upon receipt of the completed application, the division director will review the materials and decide if the applicant may be accepted in the program. If accepted, the division director will analyze the student's transcript and course syllabi to determine which credits earned in another accredited social work program will transfer to Indiana University. In all circumstances, however, transfer students must complete all required courses in the concentration and their chosen focus area.

Academic Regulations and Policies

Phi Alpha National Social Work Honor Society

The purpose of Phi Alpha National Social Work Honor Society is to provide a closer bond among students of social work and promote humanitarian goals and ideals. Phi Alpha fosters high standards of education for social workers and invites into membership those who have attained excellence in scholarship and achievement in social work. Information on selection processes is available from the Director of the School of Social Work on the IU Northwest Campus.

Students' Rights and Responsibilities

IUSSW students in social work programs have a right to participate in decision-making activities about the school. Students regularly contribute to the continued development and growth of our programs. Indeed, the school values students' input in several critical areas: faculty and course evaluations, school committee work, student field placements and others.

All students enrolled at the School of Social Work have an opportunity each semester to evaluate their courses and instructors. At the end of each course, students are electronically sent standardized faculty evaluation forms to complete. These evaluations are confidential, and the results are computer generated. The evaluations are returned to the faculty to use for strengthening content, teaching, and learning methods to improve instruction.

Through their elected and/or volunteer representatives, students provide input to and learn from B.S.W. and M.S.W. program committees and various others that might be convened throughout the year. Student representatives are viewed as valuable members of these committees.

Each student has the opportunity to have input into the selection of his or her field practicum assignments. The field practicum coordinator works closely with students to negotiate suitable placements.

Students have the right to provide feedback about school policies and procedures as well as the behavior of faculty and staff members. In providing either positive or critical feedback, students are expected to follow professional social work norms, values, and ethics. For example, students, who believe that a faculty or staff member's behavior is discourteous or ineffective, should discuss the concern directly with the person or people in question. Students, who have reason to believe addressing the person directly would place them in some jeopardy, should register the concern with the director of the program, who will address and respond to the issue.

Students, who believe that they have been treated unfairly or unprofessionally by a faculty or staff member, or that a policy or procedure is unjust or unwise, may submit in writing a formal grievance petition to the dean of the College of Health and Human Services. Grievance petitions are reserved for those issues or incidences that warrant formal investigation and full exploration. Such petitions should be submitted in a professional manner, consistent with social work norms, values, and ethics.

Student complaints regarding discrimination, sexual harassment, racial harassment, and harassment on the basis of sexual orientation have established complaint

procedures available in the Indiana University *Code of Student Rights, Responsibilities, and Conduct*.

Academic and Scholarly Guidelines

Students admitted to the Indiana University School of Social Work have already demonstrated potential for superior academic work. Most students are therefore very familiar and comfortable with high academic and scholarly standards. Obviously, students are expected to attend face-to-face, online, classroom and practicum course meetings. Regular attendance is viewed as the responsibility of each social work student. Active participation in course activities is the expected norm. In participating, it is expected that students reflect interest in, and respect for, their colleagues in a manner that is congruent with the values, ethics, and skills of the profession, and those of the Student Code of Conduct.

In written assignments, students are expected to prepare documents in a scholarly and professional manner. Submissions should be typewritten in double-spaced format and carefully edited for spelling and grammar. All direct quotations, paraphrases, empirical research findings, and other restatements of the research, scholarship, or creative work of others must be appropriately annotated using the standard bibliographic citation methods set out in the most recent edition of the *Publication Manual of the American Psychological Association (APA)*. The APA manual serves as the guide for style and format of all papers submitted in the School of Social Work.

Social work graduates require well-developed and refined communication skills, including the use of the written word. Writing well helps graduates communicate information accurately and concisely. For this reason, formal writing assignments in social work courses are evaluated on the basis of both the quality of the scholarly content and the quality of its presentation.

Electronic Communication

Students are expected to follow appropriate e-mail etiquette when communicating with faculty, staff, and peers. Correct grammar is expected at all times. Inappropriate use of e-mail will be grounds for student review. For specific guidelines, please visit informationpolicy.iu.edu/policies/.

Academic Misconduct

Indiana University School of Social Work and/or the university may discipline a student for academic misconduct defined as any activity that tends to compromise the academic integrity of the institution and undermine the educational process. Academic misconduct includes, but is not limited to, the following:

1. Cheating

- a. A student must not use external assistance on any "in-class" or "take-home" examination, unless the instructor specifically has authorized such assistance. This prohibition includes, but is not limited to, the use of tutors, books, notes, and calculators.
- b. A student must not use another person as a substitute in the taking of an examination or quiz.
- c. A student must not steal examinations or other course materials.

d. A student must not allow others to conduct research or to prepare any work for him or her without advance authorization from the instructor to whom the work is being submitted. Under this prohibition, a student must not make any unauthorized use of materials obtained from commercial term paper companies or from files of papers prepared by other persons.

e. A student must not collaborate with other persons on a particular project and submit a copy of a written report that is represented explicitly or implicitly as the student's own individual work.

f. A student must not use any unauthorized assistance in a laboratory, at a computer terminal, or on fieldwork.

g. A student must not submit substantial portions of the same academic work for credit or honors more than once without permission of the instructor to whom the work is being submitted.

h. A student must not alter a grade or score in any way.

2. Fabrication

A student must not falsify or invent any information or data in an academic exercise including, but not limited to, records or reports, laboratory results, and citations to the sources of information.

3. Plagiarism

A student must not adopt or reproduce ideas, words, or statements of another person without an appropriate acknowledgment. A student must give due credit to the originality of others and acknowledge an indebtedness whenever he or she does any of the following:

- a. Quotes another person's actual words, either oral or written
- b. Paraphrases another person's words, either oral or written
- c. Uses another person's idea, opinion, or theory
- d. Borrows facts, statistics, or other illustrative material, unless the information is common knowledge

4. Interference a. A student must not steal, change, destroy, or impede another student's work. Impeding another student's work includes, but is not limited to, the theft, defacement, or mutilation of resources so as to deprive others of the information they contain.

b. A student must not give or offer a bribe, promise favors, or make threats with the intention of affecting a grade or the evaluation of academic performance.

5. Violation of Course Rules

A student must not violate course rules as contained in a course syllabus or other information provided to the student.

6. Facilitating Academic Dishonesty

A student must not intentionally or knowingly help or attempt to help another student to commit an act of academic misconduct.

Professional Requirements

Students are expected to behave in a manner consistent with the *Indiana University Code of Student Rights, Responsibilities, and Conduct Handbook*, the *Code of Ethics of the National Association of Social Workers*, and other professional guidelines established in the B.S.W. and M.S.W. Handbooks.

Criminal Offense Disclosure and Sexual Offenders Policy

As part of the application process, students provide a disclosure statement regarding past criminal offenses and driving infractions. Master and Bachelor of Social Work graduates are eligible to apply for legal licensure by the State of Indiana. While such disclosures does not pre-empt an admissions decision for either the B.S.W. or M.S.W. program, admitted students must realize that a criminal history and past driving infractions may impose limitations for students and professionals attempting to obtain field placements, employment in certain practice settings, and eligibility for licensure.

It is the policy of the School of Social Work that no student or applicant who has been convicted of sex offenses against children shall be eligible for admission or matriculation into the B.S.W., M.S.W. or Ph.D. programs.

Any student who is already in an IUSSW program and whose name appears on the Registry during the time of matriculation, or has been convicted of an offense for which the student can be listed on the Registry, shall be ineligible for continuation or completion of the B.S.W. or M.S.W. degree. Any faculty member, student, field instructor, or other person within the school who becomes aware of such a situation should bring it to the attention of the respective program director for appropriate action. This policy and the right of appeal is discussed further in the section on Students' Rights and Responsibilities.

Master of Social Work Curriculum

Social work is a dynamic profession concerned with the changing needs of people and society. To respond to such needs, the curriculum of the School of Social Work undergoes continuing review by the faculty with the participation of members of the practice community, and others. Students must complete 60 credit hours of graduate-level course work in order to meet the minimum requirements for the Master of Social Work degree. The MSW curriculum includes three distinct levels through which students progress toward the advanced degree in social work. All students complete a common foundation and concentration curriculum that emphasizes a generalist perspective for social work practice. The Foundation Curriculum includes a one-semester practicum of a minimum of 320 clock hours.

Following that, students complete the MSW program's Concentration Curriculum in Clinical and Community Practice that prepares them for advanced social work practice within one of three practice areas: health, mental health and addictions, or school social work. The Concentration Practicum of a minimum of 640 clock hours is usually completed over the two final semesters. All Foundation Curriculum course work must be completed before students are eligible to enroll in any required courses in the Concentration Curriculum.

The overall objectives/outcomes of the Foundation and Concentration Curricula of the M.S.W program include development of:

1. Basic, generalist competence applicable to a broad range of social work practice;
2. Basic competence at all levels: individual, family, groups, communities, and organizations;

3. Basic competence for practice in social service delivery systems

Foundation Curriculum (21 cr.)

- S502 Research I (3 CR)
- S505 Social Policy Analysis and Practice (3 CR)
- S506 Introduction to the Social Work Profession (1 CR)
- S507 Diversity, Human Rights, and Social Justice (3 CR)
- S508 Generalist Theory & Practice (3 CR)
- S509 Social Work Practice with Organizations, Communities, and Societies (3 CR)
- S555 A field practicum course of 320 hours (3 CR)

Clinical and Community Practice Concentration (27 cr.)

The second level of preparation is the Clinical and Community Practice concentration curriculum which includes 6 courses plus the concentration practicum:

- SWK-S 517 Assessment in Mental Health and Addictions (3 credits)
- SWK-S 518 Clinical Social Work Theory & Practice (3 credits)
- SWK-S 519 Community & Global Theory & Practice (3 credits)
- SWK-S 661 Executive Leadership Practice (3 credits)
- SWK-S 618 Social Policy and Services (3 credits)
- SWK-S 623 Practice Evaluation (3 credits)
- SWK-S 651 Social Work Practicum II (4 credits)
- SWK-S 652 Social Work Practicum III (5 credits)

Focus Area Curriculum (12cr.)

The third level of preparation consists of courses in the student's selected focus area:

Health Focus Area

Students, who elect to practice in the health arena, apply the knowledge and skills of advanced social work practice to build and work effectively with interprofessional teams that include physicians, nurses, dentists, psychiatrists and other health care professionals. They learn the medical terminology to conduct bio-psycho-social assessments based on myriad disease entities and patient dynamics. As social workers, they understand how healthcare is financed in the United States, analyze how financial resources for healthcare affect individual patient care, and advocate for change that improves access for all individuals regardless of race, ethnicity, gender, age, sexual orientation or other factors.

- SWK-S 692 Health Care Practice I (3 credits)
- SWK-S 693 Health Care Practice II (3 credits)
- SWK-S 696 Loss Grief, Death & Bereavement (3 credits)
- 3 credit hours of another 600-level elective course - SWK-S 687 Mental Health and Addictions Practice with Groups recommended

Mental Health and Addictions Focus Area

Students in the MH&A focus area assess mental health and addictions issues from person-in-environment, consumer focused, strengths-based, recovery-oriented, and other relevant perspectives. They formulate intervention, prevention, or support and maintenance

plans collaboratively with clients. They prepare to serve as case managers, counselors, clinicians, and advocates for and with mental health and addictions consumers. Also, they are able to seek, discover, and evaluate relevant research studies and apply findings in evidence-based social work practice. Within the context of their practice, they conduct empirical evaluations of the effectiveness of interventions and services.

- SWK-S 683 Community-Based Practice in Mental Health / Addictions (3 credits)
- SWK-S 685 Mental Health and Addictions Practice with Individuals and Families (3 credits)
- SWK-S 686 Social Work Practice: Addictions (3 credits)
- SWK-S 687 Mental Health and Addictions Practice with Groups (3 credits)

School Social Work Focus Area

Social workers in school systems function in an environment where the primary purpose is education and socialization. When primary and secondary school students exhibit behaviors and problems that impede their academic and social progress, they may benefit from interventions that social workers are prepared to deliver. The commitment to utilizing social workers in school settings ebbs and flows, often dictated by fiscal resources for education in general. Nonetheless, preparation of students to enter this field of practice remains a priority for the School of Social Work. Students who enter this field are prepared with clinical skills for working with children and adolescents and their families; with team-building skills for working with school administrators and teachers; and, community skills to garner the resources necessary for to promote a safe, secure environment for those served in the school system.

- SWK-S 616 Social Work Practice in Schools(3 credits)
- SWK-S 613 Specialized Instruction & Support Services for Diverse Student Populations (3 credits)
- SWK-S 614 School Social Work Practice with Children, Adolescents and Families (3 credits)
- 3 credit hours of another 600-level elective course - SWK-S 687 Mental Health and Addictions Practice with Groups recommended.

School of Business and Economics

Administrative Officers

Cynthia Roberts, Ph.D., *Dean*

Micah Pollak, Ph.D., *Associate Dean*

Helen Marie Harmon, M.A.L.S., *Director of Student Success and Career Development*

Symphony Raudry, M.B.A., *Coordinator of Graduate Programs*

Phone: (219) 980-6552

Web site: <https://northwest.iu.edu/business/>

Overview

Background

The Indiana University Northwest School of Business & Economics provides a premier business education to the Northwest Indiana community through AACSB International accredited undergraduate & graduate programs emphasizing our distinctive competencies in teamwork and leadership. This education integrates diversity, global business and the application of technology throughout the curriculum.

- We are a diverse body of faculty, staff and students and we support individual differences. We prepare our graduates for successful careers and to serve as responsible and socially conscious leaders.
- Our faculty are committed to student success, placing equal emphasis on teaching, research, and engagement. We conduct and share research that is basic, applied, or pedagogic, while focused on making societal impact.
- Our faculty and students enhance the quality of life of the region by engaging in mutually beneficial collaborations with community organizations to create a lasting societal impact by promoting economic and professional development, encouraging sustainable practices, and fostering social justice.

Accreditation

The IU Northwest School of Business and Economics provides the highest quality business education to students in Northwest Indiana. The school is accredited by the Association to Advance Collegiate Schools of Business (AACSB International) which is the premier accreditation body for schools of business. Accreditation is based upon the qualifications of the faculty, the success of the school in meeting its mission, and the assurance of student learning. Only 15% of business schools domestically and less than 5% of business schools internationally earn this prestigious certification of quality. Because of its AACSB International accreditation, the School offers its high achieving students membership in Beta Gamma Sigma, the International Business Honor Society. The School earned Initial Accreditation in 2004 and has maintained accreditation since then.

Instructional Programs

The School of Business and Economics at IU Northwest offers multiple undergraduate degree programs. These programs include the Bachelor of Science in Business (BSB) featuring four concentrations in Business Administration, Accounting, Financial Economics, and Digital Marketing and Graphic Design; the online Chancellors' Bachelor of Science in Business Administration (BSBA) with concentrations in Accounting, Finance, Economics, and Marketing, the online Chancellors' Bachelor of Science in Accounting (BSA), the Master of Business Administration (MBA), and the online Chancellors' Master of Science in Management (MSM) with tracks in General Management and Human Resources. The school also offers a Graduate Certificate in Management and a Postbaccalaureate Certificate in Accounting.

Course offerings are flexible, many are available in hybrid or online formats.

Shared Values and Standards of Professional Conduct

The School of Business and Economics functions as both a learning environment and an academic community with the central functions of learning, teaching, community engagement, and scholarship characterized by reasoned discourse, intellectual honesty, authenticity, and mutual respect. The School of Business and Economics supports *The Shared Values of Indiana University Northwest*. To that end, we expect all members of the School, students, faculty and staff to:

- Behave courteously to one another in all oral and written interactions and to be considerate in their treatment towards each other.
- Show tolerance and respect for diversity in all its dimensions and promote an inclusive community in which all individuals are respected and supported. This includes the understanding that there may be viewpoints, ideas, and opinions that differ from theirs and it's acceptable to agree to disagree.
- Value growth and transformation, inspiration and achievement to ensure all students have the opportunity to reach their highest potential in an environment conducive to learning.
- Honor the confidentiality and privacy of others.
- Respect University property, as well as the physical and intellectual property of all others, when engaged in university-related activities.
- Refrain from harming others.
- Represent the School of Business and Economics in a positive manner with integrity, trustworthiness, honesty, and professional demeanor.

Governing Codes and Procedures

The rights, responsibilities, and conduct of students are defined and regulated by the *Indiana University Code of Student Rights, Responsibilities, and Conduct*.

Faculty and professional staff in the School of Business and Economics follow all specific guidelines set forth in *Indiana University Policies on Conduct, Rights & Ethics*, including, but not limited to, *Academic Appointee Responsibilities and Conduct (ACA 33)*.

Contact Information

School of Business and Economics IU Northwest
Dunes Medical / Professional Building, Room 1103 210 W.
35th Ave.
Gary, IN 46408
(219) 980-6552

Contact the School of Business and Economics at iunbiz@iu.edu for additional contact information.

Centers & Institutes

Assessment Center

The School of Business and Economics is proud to offer our students the opportunity to participate in the Award-winning Assessment Center. The Center fulfills two primary objectives. The first objective is to assure that our students have gained the necessary core business knowledge, skills, and abilities to be successful in their chosen field. It also serves as a monitor to ensure that our curriculum is effective and relevant.

Secondly, the Center provides an opportunity for students to develop professional skills that are highly

sought after by employers such as critical thinking, leadership, teamwork, and ethics. Students experience the Assessment Center as part of their coursework as freshmen and then again as seniors. They experience challenging work-related simulated problems that they must resolve. The performance of each student is evaluated by a team of professional evaluators and an individualized report is given to each one, highlighting strengths as well as opportunities for development. As students work through curriculum, there are several experiences embedded in the coursework that helps them improve their skills.

Center for Economic Education and Research

The award-winning Center for Economic Education & Research has been Northwest Indiana's leader in economic education and financial literacy for more than 30 years. The center is accredited nationally by the Council for Economic Education (CEE) and at the state level by the Indiana Council for Economic Education (ICEE). The Center facilitates and supports activities that promote economic education, provide economic expertise and support, and encourage regional economic research

in Northwest Indiana. The mission of the Center for Economic Education & Research (CEER) is to:

- Provide educational programs and workshops that promote economic and financial literacy in affiliation with the Indiana Council for Economic Education and the National Council on Economic Education.
- Develop and maintain economic resources, provide economic expertise, and facilitate and support economic activities in the local community.
- Encourage student-faculty research and mutually-beneficial collaborations with local organizations and community members that support the campus' Teacher-Scholar ideal and prepares students to participate in the economic development of Northwest Indiana and beyond.

Center for Professional Development

The Center for Professional Development provides customized, executive development and consulting services to various organizations. We partner with the business, government, and not-for-profit communities to develop and promote effective organizations. The center is committed to providing dependable, high- quality, cost-effective services. We draw upon the full resources of IU Northwest to meet the needs of a number of clients located throughout the United States.

We provide four distinct kinds of services. The first includes a wide variety of training activities that fall within two broad categories: management development and workforce development. The second encompasses a number of consultation services. Some of these services are developmental in nature (e.g., total quality management, human resources, project management, etc.). Others consist of more discrete packages of services (e.g., quality assurance, performance monitoring, process control, survey work, focus groups, etc.). Our third broad category of activity includes facilitation and mediation services. Finally, the Center for Professional Development contracts with firms to perform certain kinds of project work (e.g., the development of job descriptions and compensation systems, job search, etc.).

If you would like additional information, call the Center for Professional Development at (219) 981-4257.

Small Business Academy

The Small Business Academy provides training in business concepts and management geared specifically to entrepreneurs and small business owners, as well as access to other helpful resources. The information is ideal for people interested in launching or expanding their own business. Call (219) 980-6910 for more information. Instructional videos can be found by accessing the YouTube Channel Small Business Academy @IU Northwest. In addition, the Red Hawk Entrepreneurship Center is a space within the School where students can access a variety of resources to help them start or grow their business.

Small Business Institute

The Small Business Institute (SBI) is a program in the School of Business and Economics of IU Northwest. This program provides confidential, intensive, high-quality consulting services to small businesses in northwest Indiana. These services are provided by high-caliber seniors in the undergraduate business program of the university under the direct supervision of a faculty member. The seniors are formed into teams of three to five people and assigned to a small business for a semester. While assigned to the business, the team does an industry and competitive analysis for the firm, a financial overview of the firm, and then tackles one or more problems specific to the firm.

IU Northwest is proud to be a member of this elite group of schools that have been carefully approved to manage an SBI program by the Small Business Institute Directors Association.

Nelson Trading Floor

Our senior students have access to an actual investment fund that they manage. Utilizing the Trading Floor resources, they are able to gain analytical skills as well as business acumen. During this semester long course, they research the performance of a variety of companies, and present to the Advisory Board, their recommendations for investment. The actual stocks are purchased and earnings over and above the baseline are transferred to a scholarship fund at the end of each academic year.

Distinctions & Opportunities

The School of Business and Economics identifies students graduating with the Bachelor of Science in Business with three levels of academic distinction: highest distinction, high distinction, and distinction. The minimum cumulative GPA to receive degrees with distinction are highest distinction, a minimum GPA of 3.85; high distinction, a minimum GPA of 3.70; Distinction, a minimum GPA of 3.55. No more than 10 percent of the students receiving the Bachelor of Science in Business in any academic year may receive a degree with distinction. Graduates receiving degrees with distinction have the appropriate level of distinction noted on their diplomas and in the Commencement program; these graduates may wear the cream and crimson cord at Commencement. Graduate students do not qualify for the various levels of distinction.

Guidance & Counseling Services

Students in the School of Business and Economics are responsible for planning their own programs and for meeting degree requirements. It is their responsibility to understand fully and to comply with all the provisions of this bulletin.

An important portion of faculty time is devoted to assisting students in making proper program and career choices. Degree candidates will be assigned a professional advisor in their field of major interest who will aid their program planning, follow their progress, and be available for general counseling. Students may, in addition, turn to a member of the faculty specializing in the curricular area in which they are taking course work or contemplating study.

The professional staff are available to meet any student, whether on a day or evening schedule. The office maintains a complete record of each student's accomplishments and progress to aid students in reaching their goals most effectively.

Scholarships & Awards

Students in the School of Business and Economics are eligible for awards and scholarships including the following: Lloyd Buckwell Scholarship; Albert and Margaret Gallagher Scholarship; Strack Family Scholarship; Wanda Dudzik Scholarship; Geroge Uzelac Scholarship; Larry Nelson Business Scholarship; Orescanin Memorial Scholarship; Cuthbert Scott III Scholarship; Lynch, Reilly and Rutledge Scholarship; Singer Memorial Scholarship; Shirley Whitesell Scholarship; Ziza Scholarship; and School of Business and Economics Scholarship.

The Office of Financial Aid and Scholarships has more information about these scholarships and others on their website.

STARS Peer Mentoring Program

Our STARS (Students Together Achieving & Reaching Success) Peer Mentoring Program currently serves first-year, first-generation students (Mentees) by providing them with purposeful connections, motivational encouragement, academic support and resources, and a comfortable environment for them to ask questions, seek guidance, and share their successes. The Program also welcomes any beginning undergraduate student who reaches out for such assistance and peer support because he or she may have little to no support resources (or peer relationships) either on or off campus. Additionally, the STARS Peer Mentoring Experience Program enhances the communication, leadership and managerial skills of the continuing (upper level) business students who serve as the Mentors in the program, selected because of either high academic caliber or demonstration of resiliency by overcoming previous obstacles. Students interested in the STARS Program, should contact the Director of Student Success & Career Development for more details.

Student Organizations

The faculty of the School of Business and Economics recognize the importance of participation in extracurricular activities to academic success. To that end, a number of student organization exist at IU Northwest, and several are within the School of Business and Economics. It is recommended that students take advantage of the

opportunities available in order to deepen their knowledge in a particular subspecialty, develop a professional network, enhance teamwork and leadership skills, or strengthen career opportunities.

Student Chapter of the Institute of Management Accountants

Our student chapter of IMA® (Institute of Management Accountants) facilitates connections between business and accounting students and alumni, faculty, and professionals in the field. The IMA is the worldwide association of accountants and financial professionals in business. The focus is on working professionals and students who want financial careers. Benefits include promoting CMA and CSCA certified professionals, education promoting digital badges, continuing education, exploring advances in the financial field, student edge programs, leadership opportunities, networking, and job internships.

American Marketing Association (AMA) Student Chapter

The mission of the IU Northwest AMA chapter is to provide students with valuable professional development opportunities to connect with knowledgeable businesspersons and resources in the field of marketing as well as gain experience in business operations, leadership and teamwork, and business communications in the hopes of laying the track for a promising career trajectory. We value honesty, work, ethics, ambitions, professionalism, and care of community. Membership is open to all.

Society for Human Resources Management (SHRM) Student Chapter

The mission of the SHRM chapter is to provide students with the opportunity to gain knowledge and insight into the effective management of human capital in the field of Human Resource Management through affiliation with the Northwest Indiana SHRM and the SHRM organization. Membership is open to all.

Beta Gamma Sigma (BGS)

Membership in Beta Gamma Sigma is the highest recognition a business student can receive in a baccalaureate or graduate program at a school accredited by AACSB. To be eligible for membership, undergraduate students must have an academic ranking placing them in the upper 10 percent of the junior or senior class. Graduate students must be placed within the upper 20 percent of the graduating class.

Dean's Leadership Council

The Dean's Leadership Council consists of members who have been inducted into Beta Gamma Sigma as well as those who hold leadership positions in School organizations who are interested in further developing their leadership capability. The group meets monthly with the Dean to further explore topics related to leadership, serve as sounding board for various initiatives as well as each other, represent the student body to various groups such as advisory boards, and provide input into program improvement.

Red Hawk Enterprise

The RedHawk Enterprise is a student-run retail outlet that sells snacks and drinks from around the world. It is a project of the RedHawk Entrepreneurial Club and students are responsible for all aspects of the business from analyzing product mix, pricing and marketing to inventory control, e-commerce, accounting, and staffing. All store profits go to a scholarship fund for business students.

African American Community Advancement Program (AACAP)

This organization was designed to focus on the African American community of students, professionals, alumni, and community leaders interested in business, entrepreneurship, and/or economic development with support and promotion of personal success and advancement, as well as engagement with the Northwest Indiana business community and beyond. With mentoring as an anchor, it will include traditional and non-traditional approaches to supporting students and engaging the community.

Latinx Community Advancement Program (LaCAP)

LaCAP unites, supports, and guides Latinx students and the surrounding community, to navigate their educational journey and to develop professionally based on shared cultural values. The group aims to provide a space for all students and community members with a shared interest in all things business. This helps one succeed professionally through relevant speaker-series, workshops, social, and networking events in a manner that nurtures culture and to facilitate connections between students, faculty, programs, and resources, creating awareness of advocates for success.

Women in Business (WIB)

The Women in Business club works to provide the opportunities and resources for students to network and learn about navigating professionalism as women in the workforce. The purpose of the club is to provide a platform for young professional interested in business for fostering personal and professional development, promoting leadership and entrepreneurship, creating a supportive network of like-minded individuals, and contributing to the community through philanthropic activities. Membership is open to all students enrolled at Indiana University Northwest, regardless of major.

Undergraduate Programs

Undergraduate studies provide opportunities for breadth of education as well as for specialization. IU Northwest subscribes to the principle that a significant portion of a student's academic program should be in general education subjects. The general education aspects of the program are then complemented by study in the basic areas of business administration, with distinctive focus on leadership and teamwork. In addition, all undergraduate study programs include courses that ensure a basic understanding of management principles and practices in the dynamic economic, social, and political environment of today. Consideration is also given to basic trends or developments that are likely to shape the pattern of the

world in the years ahead. The School of Business and Economics offers three undergraduate program options.

Bachelor of Science in Business

The undergraduate program typically occupies the three final undergraduate years and leads to the Bachelor of Science in Business degree. The Bachelor of Science in Business degree is awarded when a student has successfully completed (1) general education courses to meet campus general education requirements, (2) business foundations courses, (3) business core courses, (4) courses in a concentration, and (5) additional elective courses to meet total credit hour requirements.

Within the Bachelor of Science in Business program, concentrations are offered in Business Administration, Accounting, Financial Economics, or Digital Marketing and Graphic Design. The concentration of Business Administration also allows further minors in Human Resources and Marketing.

Chancellor's B.S. in Business Administration (Online)

The Chancellors' Bachelor of Science in Business Administration is offered 100% online collaboratively by the IU East, IU Kokomo, IU Northwest, IU South Bend, and IU Southeast campuses. Degree requirements are fulfilled by taking online classes across these campuses.

Business administrators handle a company's operational, organizational, and managerial responsibilities, requiring skills in a range of areas. This program may be of special interest to working adults with some college credit, seeking to advance their business career. According to the 2015 National Association of Colleges and Employers Job Outlook Survey, over 80 percent of responding employers plan to hire a graduate with a business-related degree.

Within the Chancellors' Bachelor of Science in Business Administration program, concentrations are offered in Accounting, Finance, Economics, and Marketing.

B.S. in Accounting (Online)

The Chancellors' Bachelor of Science in Accounting is offered 100% online collaboratively by the IU East, IU Kokomo, IU Northwest, IU South Bend, and IU Southeast campuses. Degree requirements are fulfilled by taking online classes across these campuses.

This program prepares you to tackle accounting problems using quantitative and qualitative methods. Students will study technology and analytics methods in the accounting field. Learn, not only how to perform accounting tasks, but how to provide data-driven solutions, foster effective analytical and critical-thinking skills, and practice sound ethics and logic in accounting and business situations. Students will apply concepts in the major functional areas of accounting, including cost accounting, financial accounting, auditing and systems, and taxation.

Minors

The School of Business and Economics offers minors in Business Economics, Human Resources, and Marketing. Non-business undergraduate majors may also pursue minors in business administration or accounting.

Policies & Procedures

Students admitted to IU Northwest who declare a concentration in one of the programs offered by the School of Business and Economics will be admitted directly.

Enrollment Restriction

Students pursuing degrees in academic divisions other than Business and Economics are permitted to enroll in a maximum of 30 credit hours of business courses. All students are required to meet all prerequisites and must obtain school authorization if necessary to enroll in all business and economics course prior to registration.

Students who intend to transfer to Bloomington or other IU campuses and apply for admission to the undergraduate programs in business must understand that the admission requirements vary among the IU campuses. Students should consult the IU bulletin for the campus to which they seek admission for specific requirements of the business program.

Degree Applications

Candidates for the Bachelor of Science degree *must* file a degree application during registration the semester before they intend to graduate. This allows time for the student's academic record to be audited for degree certification. Without this audit, the student cannot be recommended for the conferral of the degree.

Credit Hours Requirement

The minimum number of credit hours required for the baccalaureate degree is 120 credit hours in courses meeting the various requirements stated in this bulletin. The School of Business and Economics requires that at least 50 percent of the business credit hours required for the degree be earned at IU Northwest or one of the Indiana University campuses.

No credit is given toward a degree in business for courses taken throughout the university with a prefix of 0, or for courses taken from the Division of General and Technical Studies, or for other non-college-level courses.

Senior Residence Requirement

The senior year (the last 30 credit hours of work) must be completed through one of the Indiana University campuses offering a four-year program. Students will be certified for graduation by the campus at which they complete the last semester (12 credit hours or more). Registration for a minimum of two semesters in the School of Business and Economics is required.

Junior College, Community College and Off-Campus Course Credits

Credits earned through junior and community colleges are limited to a maximum of 60 credit hours. Some of the credits/courses from junior and community colleges may not apply to the Bachelor of Science in Business degree, although they might meet transfer guidelines via our campus Office of Admissions. No junior or senior-level business or economics courses taken at a junior or community college will be accepted towards the Bachelor of Science in Business.

Off-Campus Course Credit

Any coursework which occurs off-campus from an IU campus - whether online or face-to-face - must have prior approval from the Director of Student Success in the School of Business and Economics before enrolling and before such credit could be accepted towards degree requirements.

Credit by Self-Acquired Competency

The School of Business and Economics does not award credit on the basis of self-acquired competency. The school will not accept transfer of credit from other institutions for business courses if the credit was awarded on the basis of self-acquired competency.

For nonbusiness courses, the school will accept course-specific credit awarded on the basis of self-acquired competency by other baccalaureate-granting divisions/schools of Indiana University and by other institutions accredited by the Higher Learning Commission or comparable regional associations.

The school will not accept general (non-course specific) self-acquired competency credit awarded by other divisions/schools of Indiana University or by other institutions.

Transfer Credit Policy

Courses that were taken at other institutions and that appear similar in either title or objectives to the 300- or 400-level (junior and senior) courses offered by the School of Business and Economics will be transferred as undistributed electives and will not be regarded as equivalent unless at least one of the following validation processes has been performed.

1. Completion of a course review with documented evaluation of the content, level, method of instruction, objectives, etc., used in the course(s) being validated. The evaluation must be performed by an appropriate member of the school's faculty; or
2. Successful completion of an examination based upon the material covered in that course offered by the school; or
3. Satisfactory completion and documentation of a subsequent course offered by the school, provided that a significant prerequisite relationship between the courses can be demonstrated.

Courses in advanced business subjects, not open to freshmen and sophomores, which have been taken at two-year institutions in the freshman and sophomore years, will not be accepted as equivalents of the courses offered at Indiana University. Consult with the assistant director or advisor for appropriate validation processes.

Only credits earned at Indiana University will count toward a student's grade point average.

School Grade Requirements

To be certified for graduation, a student must have a minimum average of C (2.0) in all course work, a minimum average of C (2.0) in all courses taken toward the degree, a minimum of a C (2.0) in every BUS and ECON course required for the program and concentration. A student must also have completed ENG-W 131 Elementary

Composition with a minimum grade of C (2.0). Any course with a number beginning with a zero will not be counted toward graduation requirements.

Interpretations of Undergraduate Course Letter Grades

The following interpretations are provided as guidelines for instructors when assigning letter grades for courses in the School of Business and Economics. These interpretations focus on performance as demonstrated through coursework.

A+/A/A-: The student has demonstrated exceptional understanding through coursework and is strongly encouraged to continue in this subject or related subject areas.

B+/B/B-: The student has demonstrated a strong level of understanding through coursework and is sufficiently prepared to proceed in this subject area.

C+/C: The student has demonstrated a minimally sufficient level of understanding through coursework to proceed in this subject area.

C-/D+/D/D-: The student has demonstrated a marginal level of understanding through coursework that is not sufficient to satisfy the program requirements.

F: The student has not demonstrated an acceptable level of understanding through coursework for the course to satisfy the program requirements

Probation

Students are automatically placed on probation whenever their cumulative grade point averages are below 2.0.

Dismissal

In the School of Business and Economics, at the discretion of the Graduate-Undergraduate Committee, a student may be dismissed from the school if the student has consistently failed to make progress toward meeting general education, business core, or concentration requirements. Generally, a student on probation will be dismissed if the student is 15 credit points below a 2.0 grade point average, or, if in two consecutive subsequent enrollments the student fails to make a 2.0 in those two enrollments considered as a unit and adds 10 credit points to the deficiency record.

Furthermore, upon the recommendation of the Graduate-Undergraduate Committee and with the approval of the Dean of the School of Business and Economics, any student whose work is unsatisfactory or unethical, or whose conduct does not adhere to the professional standards may be dismissed from the school.

Pass-Fail Option

Business students may elect to take one course each semester with a grade of P (Pass) or F (Fail), with a maximum of two such courses each school year, including summer sessions. The student must exercise the election of this option within the first three weeks of the semester. Limitations on use of the Pass/Fail policy are as follows.

School of Business and Economics students may not take any business or economics course Pass/Fail. Also, the Pass/Fail option cannot be used for courses that satisfy the general education requirements. The option can be

used only for courses that are electives taken outside the School of Business and Economics. A grade of P is not counted in the cumulative grade point average, but a grade of F is included. A grade of P cannot subsequently be changed to a grade of A, B, C, or D.

Concentration Declaration

Students may declare a concentration before the beginning of a semester. Students in the Bachelor of Science in Business program who have not selected a concentration will be automatically classified as having a concentration in Business Administration and will be expected to follow the course requirements of that concentration.

Students may choose no more than two concentrations. They must meet all the requirements for both concentrations. Only one course may be used to satisfy the requirements for both concentrations.

Credit Deadline

All credit of candidates for degrees, except that for the work of the current semester, should be on record at least one month prior to the conferring of the degrees.

Level Requirements

Courses numbered 200-299 are generally open only to students who have completed 24 or more hours of credit applicable toward a degree. Courses numbered 300-499 are generally open only to students who have completed 56 or more hours of credit applicable toward a degree.

Requirements for a Second Bachelor's Degree

The School of Business and Economics offers to holders of a bachelor's degree in fields other than business a second bachelor's degree in business. The requirements are identical to the requirements for the bachelor's degree in business (see succeeding pages).

The candidate may, of course, be exempted from any of those requirements already fulfilled in acquiring the first bachelor's degree.

Normally, the holder of a bachelor's degree who wishes to pursue further education is encouraged to become qualified for admission to graduate study. In certain cases, however, a student may be admitted to candidacy for a second bachelor's degree. When such admission is granted, candidates must earn at least 30 additional credit hours in residence and meet the requirements of the School of Business and Economics and of the concentration in which they are candidates.

At least 50 percent of the business courses required for a business degree must be earned at Indiana University. Students who have been awarded the B.S. in Business degree at Indiana University may register as special students to meet the requirements of another concentration but cannot be certified for the degree a second time.

Statute of Limitations

Students who are candidates for the Bachelor of Science in Business degree have the right to complete degree requirements specified by the bulletin in effect at the time they matriculated at Indiana University, provided (1) that the necessary courses are available, (2) that no more than 10 calendar year have elapsed since matriculation, and (3)

the student has been consistently enrolled in courses with no enrollment gap of more than one academic year.

If these requirements are not met, students must apply to the school to update their programs to the bulletin currently in effect.

Course Prerequisites and Concurrent Enrollment

Proper enrollment is the individual responsibility of each student. Many courses have level and or course prerequisites. Improper enrollments may be cancelled by the School of Business and Economics at any time, and, if credit is earned in such an enrollment, the school may refuse to apply that credit to a degree program or may require enrollment in an additional course. Before there can be a proper enrollment in any course having prerequisites, the prerequisites must be successfully completed. Concurrent enrollment is not permissible unless specifically stated otherwise.

Bachelor of Science in Business Curriculum

Program Learning Outcomes

The following describes the learning outcomes for the Bachelor of Science in Business program:

1. Teamwork & Leadership: Our students serve as effective members and leaders of teams, supporting successful completion of problem-solving and decision-making tasks.
2. Technology: Our students use appropriate technology and information systems to organize data and analyze information to solve business problems.
3. Business Discipline Knowledge: Our students demonstrate functional knowledge of key business disciplines.
4. Professional Communication: Our students communicate effectively and professionally using multiple mediums of communication (written, verbal, visual, interpersonal).
5. Analytical Reasoning: Students analyze situations in a deliberate manner and consider diverse and ethical leadership perspectives.

Course Requirements

The curriculum for the undergraduate Bachelor of Science in Business program consists of five parts:

1. General Education courses (30-34 cr.),
2. Business Foundations courses (33 cr.)
3. Business Core courses (35 cr.)
4. Concentration courses (18 cr.)
5. Additional courses to meet total hours requirements (as needed to total 120 cr.).

Level Requirements

Courses numbered 200-299 are open only to students who have completed 24 or more hours of credit applicable toward a degree. Courses numbered 300-499 are open only to students who have completed 56 or more hours of credit applicable toward a degree.

General Education Core Requirements

(Varies, typically 30-34 credit hours)

Indiana University Northwest requires all students to complete campus general education curriculum. This typically requires 30-34 credit hours but depends on the coursework taken. General education requirements can be found here: <https://northwest.iu.edu/general-education/>.

Coursework required as part of the program curriculum may be used to satisfy campus General Education Requirements. The following courses are required for the program and will fulfill a portion of the General Education Requirements:

- Mathematical Reasoning (advanced): ECON-E 270
- Social and Behavioral Sciences: ECON-E 201 and ECON-E 202
- Cultural and Historical Studies: ECON-E 111

Students are strongly encouraged to work with their advisor and refer to their program plan of study to ensure the campus General Education requirements are met. The School of Business and Economics also strongly encourages students to complete campus general education requirements using coursework in a wide variety of course areas, with at least one course in Psychology and/or Sociology if possible.

Business Foundations Courses

(33 credit hours)

The following courses are required as Business Foundations:

- BUS-W 100 Business Administration Intro (3 cr.)
- ECON-E 111 U.S. Economic History (3 cr.)
- BUS-F 260 Personal Finance (3 cr.)
- ECON-E 201 Introduction to Microeconomics (3 cr.)
- ECON-E 202 Introduction to Macroeconomics (3 cr.)
- ECON-E 270 Introduction to Statistical Theory in Economics and Business (3 cr.)
- BUS-A 201 Introduction to Financial Accounting (3 cr.)
- BUS-A 202 Introduction to Managerial Accounting (3 cr.)
- BUS-K 221 Introduction to Information Systems for Business (3 cr.)
- BUS-L 201 Legal Environment of Business (3 cr.)
- BUS-X 255 Classroom to Career (variable topic) (3 cr.)

Business Core

(35 credit hours)

The following courses are required as Business Core:

1. Business Core Functional Skills:

- BUS-F 301 Financial Management (3 cr.)
- BUS-M 301 Marketing Management (3 cr.)
- BUS-P 301 Operations Management (3 cr.)
- BUS-D 301 International Business Environment (3 cr.)

2. Teamwork and Team Leadership Skills:

- BUS-Z 302 Managing and Behavior in Organizations (3 cr.)
- BUS-Z 442 Leading and Motivating Individuals and Teams (3 cr.)

3. Information Systems, Analytics and Decision Modeling

- BUS-K 321 Management of Information Technology (3 cr.)
- BUS-K 353 Business Analytics & Modeling (3 cr.)

4. Business Ethics, Diversity, Critical Thinking and Career Skills

- BUS-W 320 Leadership and Ethics (3 cr.)
- BUS-X 410 Career Planning (1 cr.)
- BUS-Z 440 Personnel - Human Resource Management (3 cr.)

5. Capstone

- BUS-J 403 Management Capstone (4 cr.)

CURRICULUM CONCENTRATIONS

(18 credit hours)

Students are required to complete a concentration as part of the Bachelor of Science in Business program. These concentrations include: (1) Business Administration, (2) Accounting, (3) Financial Economics, or (4) Digital Marketing and Graphic Design.

Business Administration Concentration

For students who wish to pursue a broad general program, the business administration curriculum provides a vehicle for organizing their studies. The focus is to understand the administration and operation of the firm as a subsystem within a rapidly changing environmental system.

Course Requirements

The following courses are required to complete the Business Administration concentration:

- Six 3-credit 300- or 400-level business (BUS) and/or economics (ECON) courses.

These courses allow additional opportunities to gain specialized knowledge in such fields as accounting, economics, finance, management, or marketing. Students are encouraged to consult with faculty in these areas to best meet their professional and educational objectives.

Minors

Students pursuing the Business Administration concentration have the additional option of earning one of two minors. Courses required as part of the foundations, core or concentration may not count towards a minor. Coursework to complete a minor may count towards electives within a concentration. A minimum of C (2.0) is required in all coursework for the minor. The available minors in the Business Administration are:

Marketing Minor - Requirements: three 3-credit 300-400 level-business courses in Marketing (BUS-M).

Human Resources/Management Minor - Requirements: three 3-credit 300-400 level business course in Human Resources/Management.

Accounting Concentration

The curriculum prepares students for positions as accountants, auditors, controllers, income tax accountants, financial statement analysts, cost accountants, budget officers, and governmental or institutional accountants. In addition, it equips the

prospective business executive with a tool for intelligent analysis, prediction, decision making, and control.

Course Requirements

The following courses are required to complete the Accounting concentration:

- BUS-A 311 Intermediate Accounting I
- BUS-A 312 Intermediate Accounting II
- BUS-A 328 Introduction to Taxation
- Three 3-credit 300- or 400-level accounting electives.

If intending to complete the CPA exam, BUS-A 424 is strongly recommended as an elective.

Financial Economics Concentration

This concentration provides students an opportunity to study economics more deeply while broadly preparing them for the context and practice of business. Many economics students go on to do additional work at the graduate level.

Course Requirements

The following courses are required to complete the Financial Economics concentration:

- ECON-E 321 Intermediate Microeconomics (or equivalent)
- ECON-E 322 Intermediate Macroeconomics (or equivalent)
- BUS-F 420 Equity and Fixed Income Investment
- BUS-F 494 International Finance
- Two 300-400 level ECON-E or BUS-F elective (6 credit hours)

Digital Marketing and Graphic Design Concentration

This concentration features interdisciplinary curriculum with courses in both Marketing and Graphic Design. This concentration equips students with knowledge in digital marketing outlets, research techniques that inform decisions about digital marketing channels and visual presentations of marketing messages, and the marketing strategy process.

Course Requirements

The following courses are required to complete the Digital Marketing and Graphic Design concentration:

- BUS-M 303 Marketing Research (3 cr.)
- BUS-M 432 Digital Marketing (3 cr.)
- BUS-M 450 Marketing Strategy (3 cr.)
- FINA-S 351* Typography (3 cr.)
- FINA-S 352 Production for Graphic Design (3 cr.)
- One 3-credit 300- or 400-level business (BUS) and/or economics (ECON) course or graphic design (FINA-S) course.

Students interested in a further background in Marketing are encouraged to take their elective in topics such as Social Media Marketing or Consumer Behavior (BUS-M 405). Students interested in a further background in Graphic Design are encouraged to take their elective in Graphic Design (such as FINA-S 353).

* FINA-S 351 requires FINA-S 250: Introduction to Design Practice (3 cr.) as a prerequisite. Students interested in this concentration are strongly encouraged to complete

FINA-S 250 early and as part of their general education requirements.

Additional Courses to Meet Total Hours Requirement (As needed to total 120 credit hours)

After all other curriculum requirements are met, students may take additional open electives, if necessary, to reach the campus requirement of 120 total credit hours.

Transfer Single Articulation Pathways (TSAP) in Business Administration - B.S.

A student who completes an eligible Associate of Arts (A.A.) or Associate of Science (A.S.) degree at Ivy Tech Community College or Vincennes University may be put on a Single Articulation Pathway to a Bachelor of Science (B.S.) program at IU Northwest, without a loss of credit hours. For more information on the available Transfer Single Articulation Pathways in Business Administration please contact the office of Admissions.

Chancellor's Bachelor of Science in Business Administration (Online)

The Chancellors' Bachelor of Science in Business Administration is offered 100% online collaboratively by the IU East, IU Kokomo, IU Northwest, IU South Bend, and IU Southeast campuses. Degree requirements are fulfilled by taking online classes across these campuses. The program offers optional concentrations in Accounting, Economics, Finance, and Marketing.

Program Learning Outcomes

The following describes the learning outcomes for the Chancellor's Bachelor of Science in Business Administration program:

1. Recognize and apply functional area concepts and theories appropriately.
2. Analyze information using technological resources appropriate for various business scenarios.
3. Provide creative recommendations and solutions to solve business problems.
4. Apply ethical principles and practices to business situations.
5. Work effectively with team members.
6. Communicate effectively.

Course Requirements

The curriculum for the undergraduate Chancellors' Bachelor of Science in Business Administration program consists of four parts:

1. General education courses (30-42 cr.)
2. Business foundations courses (27 cr.)
3. Business core courses (34 cr.)
4. Concentration courses (18 cr., optional)
5. General elective courses (as needed to total 120 cr.)

General Education Core Requirements

(Varies, typically 30-34 credit hours)

Indiana University Northwest requires all students to complete campus general education curriculum. This typically requires 30-42 credit hours but depends on the coursework taken. General education requirements can be found here: <https://www.northwest.iu.edu/general-education/>.

Coursework required as part of the program curriculum may be used to satisfy campus General Education

Requirements. The following courses are required for the program and will fulfill a portion of the General Education Requirements:

- Mathematical Reasoning (advanced): ECON-E 270
- Social and Behavioral Sciences: ECON-E 201 and ECON-E 202

Students are strongly encouraged to work with their advisor and refer to their program plan of study to ensure the campus General Education requirements are met. The School of Business and Economics also strongly encourages students to complete campus general education requirements using coursework in a wide variety of course areas, with at least one course in Psychology and/or Sociology if possible.

Business Administration Foundations Courses

(27 credit hours)

The following courses are required as Business Foundations:

- BUS-B 190 or BUS-W 100 Business Administration Introduction (3 cr.)
- ECON-E 201 or ECON-E 103 Introduction to Microeconomics (3 cr.)
- ECON-E 202 or ECON-E 104 Introduction to Macroeconomics (3 cr.)
- BUS-A 201 Introduction to Financial Accounting (3 cr.)
- BUS-A 202 Introduction to Managerial Accounting (3 cr.)
- BUS-K 201 The Computer in Business (3 cr.)
- BUS-L 201 Legal Environment of Business or BUS-L 203 Business Law I (3 cr.)
- ECON-E 270 Introduction to Statistical Theory for Economics and Business (3 cr.)
- One of the following (3 cr.):
 - ENG-W 231 Professional Writing Skills
 - ENG-W 232 Introduction to Business Writing
 - ENG-W 234 Technical Report Writing
 - SPCH-S 223 Business and Professional Speaking

Math Requirement (3 cr.)

- MATH-M 118 Finite Mathematics

Business Administration Core Courses

(36 credit hours)

The following courses are required as Business Core:

- BUS-M 301 Introduction to Marketing Management (3)
- BUS-F 301 Financial Management (3)
- BUS-P 301 Operations Management (3 cr.)
- BUS-D 300 International Business Environment or BUS-D 301 The International Business Environment (3 cr.)
- BUS-K 321 Management and Information Systems/Technology
- One of the following (3 cr.):
 - BUS-K 302 Introduction to Management Science
 - BUS-K 312 Decision Modeling

- BUS-K 353 Business Analytics and Modelling
- BUS-W 311 New Venture Creation/Small Business Entrepreneurship or BUS-W 406 Venture Growth Management (3 cr.)
- BUS-Z 302 Managing and Behavior in Organization (3 cr.)
- BUS-Z 440 Personnel: Human Resources Management (3 cr.)
- One of the following (3 cr.):
 - BUS-B 399 Business and Society
 - BUS-J 404 Business and Society
 - BUS-W 320 Leadership and Ethics in Business
- BUS-X 410 Career Perspectives (2 cr.)
- BUS-J 401 Administrative Policy or BUS-J 403 Management Capstone (4 cr.)

Business Administration Concentrations

Additional Electives to Meet Total Hours Requirement

(As needed to total 120 credit hours)

After all other curriculum requirements are met, students may take additional open electives, if necessary, to reach the campus requirement of 120 total credit hours.

Business Administration Concentrations

(18 credit hours, optional)

Students completing the Chancellors' Bachelor of Science in Business Administration program have the option of completing a concentration in one of four areas.

Accounting Concentration

The following courses are required to complete the Accounting concentration:

- BUS-A 311 Intermediate Accounting I
- BUS-A 312 Intermediate Accounting II
- BUS-A 337/A411 Accounting Information Systems
- BUS A328 Introduction to Taxation
- Complete two of the following courses:
 - BUS-A 325 Cost Accounting
 - BUS-A 335 Accounting for Government and Not-for-Profit Entities
 - BUS-A 338 Accounting Data Analytics
 - BUS-A 402 Accounting Ethics
 - BUS-A 414 Financial Statement Analysis
 - BUS-A 422 Advanced Financial Accounting
 - BUS-A 424 Auditing and Assurance Services
 - BUS-A 425 Contemporary Accounting Theory
 - BUS A 437 Advanced managerial accounting
 - BUS-A 339 Advanced Taxation
 - Other 300-400 level BUS-A courses.

Economics Concentration

The following courses are required to complete the Economics concentration:

- ECON-E 321 Intermediate Microeconomic Theory
- ECON-E 322 Intermediate Macroeconomic Theory
- Complete four of the following courses:
 - ECON-E 304 Survey of Labor Economics
 - ECON-E 306 Undergraduate Seminar in Economics

- ECON-E 308 Survey of Public Finance
- ECON-E 323 Urban Economics
- ECON-E 337 Economic Development
- ECON-E 338 Business and Economics Applications of GIS
- BUS-F 345, ECON-E 350, or ECON-E 305 Money and Banking
- ECON-E 351 Law and Economics
- ECON-E 363 Environmental and Natural Resource Economics
- ECON-E 371 Introduction to Applied Econometrics
- ECON-E 430/E333 International Economics
- Other 300-400 level ECON-E courses.

Finance Concentration

The following courses are required to complete the Finance concentration:

- BUS-F 302 Financial Decision Making
- BUS-F 345/ECON E350 Money, Banking, and Capital Markets
- BUS-F 420 Equity and Fixed Income Investments
- BUS-F 494 International Finance
- Complete two of the following courses:
 - BUS-F 365 Personal Financial Planning
 - BUS-F410 Financial Institutions and Markets
 - BUS-F 414/A414 Financial Statement Analysis
 - BUS-F 423 Topics in Investment
 - BUS-F 444 Applications in Financial Management
 - BUS-F 446 Bank and Financial Intermediation
 - BUS-F 451 Financial Modeling
 - Other 300-400 level BUS-F courses

Marketing Concentration

The following courses are required to complete the Finance concentration:

- BUS-M 303: Marketing Research
- BUS-M 405: Consumer Behavior
- BUS-M 415: Advertising and Integrated Marketing Communications
- BUS-M 450: Marketing Strategy
- Complete two of the following courses:
 - BUS-M 325: Selling
 - BUS-M 330: Consultative Selling
 - BUS-M 346: Analysis of Marketing Data
 - BUS-M 380: Market Analytics
 - BUS-M 401: International Marketing
 - BUS-M 419: Retail strategy
 - BUS-M 426: Sales Management
 - BUS-M 432/M435/M460: Digital Marketing
 - BUS-M 455: Customer Relationship Management
 - BUS-M 490: Social Media Marketing
 - BUS-M 421: Negotiation
 - Other 300-400 level BUS-M courses

Chancellor's Bachelor of Science in Accounting (Online)

The Chancellors' Bachelor of Science in Accounting is offered 100% online collaboratively by the IU East, IU Kokomo, IU Northwest, IU South Bend, and IU Southeast campuses. Degree requirements are fulfilled by taking online classes across these campuses.

The following describes the learning outcomes for the Chancellor's Bachelor of Science in Accounting program:

1. Apply appropriate concepts, theories, and tools to scenarios in the major functional areas of accounting.
2. Provide data-driven recommendations using appropriate techniques.
3. Perform accounting tasks using appropriate technology, software, and/or analytic methods.
4. Apply sound ethical reasoning in accounting and business situations.
5. Apply current accounting regulations to business scenarios.
6. Effectively communicate to a variety of audiences.

Course Requirements

The curriculum for the undergraduate Chancellors' Bachelor of Science in Business Administration program consists of four parts:

1. General education courses (varies)
2. Business foundations courses (24 credit hours)
3. Business core courses (21 credit hours)
4. Accounting core courses (18 credit hours)
5. Accounting elective courses (9 credit hours)
6. General elective courses (as needed to total 120 credit hours)

General Education Core Courses

(Varies, typically 30-34 credit hours)

Indiana University Northwest requires all students to complete campus general education curriculum. This typically requires 30-34 credit hours but depends on the coursework taken. General education requirements can be found here: <https://www.northwest.iu.edu/general-education/>.

Coursework required as part of the program curriculum may be used to satisfy campus General Education Requirements. The following courses are required for the program and will fulfill a portion of the General Education Requirements:

- Mathematical Reasoning (advanced): ECON-E 270
- Social and Behavioral Sciences: ECON-E 201 and ECON-E 202

Students are strongly encouraged to work with their advisor and refer to their program plan of study to ensure the campus General Education requirements are met. The School of Business and Economics also strongly encourages students to complete campus general education requirements using coursework in a wide variety of course areas, with at least one course in Psychology and/or Sociology if possible.

Business Foundations Courses

(27 credit hours)

The following courses are required as Business Foundations:

- BUS-W 100 Business Administration Introduction (3 cr.)
- BUS-A 201 Introduction to Financial Accounting (3 cr.)
- BUS-A 202 Introduction to Managerial Accounting (3 cr.)
- ECON-E 201 or ECON-E 103 Introduction to Microeconomics (3 cr.)
- ECON-E 202 or ECON-E 104 Introduction to Macroeconomics (3 cr.)
- ECON-E 270 Introduction to Statistical Theory for Economics and Business (3 cr.)
- BUS-K 201 The Computer in Business (3 cr.)
- BUS-L 201 or BUS-L 203 Legal Environment of Business (3 cr.)
- One of the following (3 cr.):
 - ENG-W 231 Professional Writing Skills
 - ENG-W 232 Introduction to Business Writing
 - BUS-X 204 Business Communications
 - SPCH-S 223 Business and Professional Communication

Business Core Courses

(18 credit hours)

The following courses are required as Business Core:

- BUS-F 301 Financial Management (3)
- BUS-K 321 Management and Information Systems (3 cr.)
- BUS-K 353 Business Analytics and Modelling (3 cr.)
- BUS-M 301 Introduction to Marketing Management (3)
- BUS-P 301 Operations Management (3 cr.)
- One of the following (3 cr.)
 - BUS-D 300 International Business (3 cr.)
 - BUS-D 301 International Business Environment
 - BUS-Z 301 Organizational Behavior & Leadership
 - BUS-Z 302 Managing and Behavior in Organizations

Accounting Core Courses

(18 credit hours)

The following courses are required as Accounting Core:

- BUS-A 311 Intermediate Accounting I (3 cr.)
- BUS-A 312 Intermediate Accounting II (3 cr.)
- BUS-A 325 Cost Accounting (3 cr.)
- BUS-A 328 Introduction to Taxation (3 cr.)
- BUS-A 337 or BUS-A 411 Accounting Information Systems (3 cr.)
- BUS-A 424 Auditing & Assurance Services (3 cr.)

Accounting Elective Courses

(9 credit hours)

Choose three of the following courses:

- BUS-A 335 Accounting for Government and Not-for-Profit Entities (3 cr.)

- BUS-A 338 Accounting Analytics (3 cr.)
- BUS-A 339 Advanced Income Taxation (3 cr.)
- BUS-A 414 Financial Statement Analysis (3 cr.)
- BUS-A 422 Advanced Financial Accounting (3 cr.)
- BUS-A 437 Advanced Management Accounting (3 cr.)

Electives to Meet Total Hours Requirement

(As needed to total 120 credit hours)

After all other curriculum requirements are met, students may take additional open electives, if necessary, to reach the campus requirement of 120 total credit hours.

For students interested in pursuing a career in accounting, this degree will fulfill the course requirements to sit for the Uniform Certified Public Accounting (CPA) Exam as well as the Certified Management Accounting (CMA) Exam, but it will **not** satisfy the 150-credit hour requirement set by most states, including Indiana and Ohio. In most cases, students who complete the 120-credit hour IU collaborative BS in Accounting will need to complete an additional 30 credit hours of applicable coursework to meet national and state minimums. These credits are most often completed as a part of a graduate study in MS Accounting, MBA, and related degree programs.

Business Minors for Non-Business Majors

The School of Business and Economics offers the following minors for non-business undergraduate students:

Accounting Minor

This minor is for non-business majors. The requirements are BUS-A 201, BUS-A 202, BUS-A 311, BUS-A 312, BUS-A 325.

Business Administration Minor

This minor is for non-business majors. The requirements are BUS-A 201, BUS-K 221, BUS-L 201 or ECON-E200, BUS-F 260 or BUS-M 200, BUS-W 100 and BUS-Z 302.

The prerequisite and academic policies of the School of Business and Economics will be enforced. A student must have a C (2.0) cumulative grade point average in the courses required in any minor. Non-business students must notify the recorder for the division in which their records are located, as well as the Director of Student Success in the School of Business and Economics, that they are pursuing one of these business minors. Correspondence courses will not be accepted for credit toward any minor. Successful completion of a minor will be indicated on the student's official academic transcript. No more than half of the required courses for either minor may be transfer credit from another institution.

Master of Business Administration

Background

The School of Business and Economics initiated graduate education in business with the establishment of the M.S.B.A. degree in 1969 and succeeded it in 1988 with the M.B.A. The program is designed for individuals who are employed in positions of responsibility within the business community and who are pursuing a graduate

education concurrently with their employment. To serve these students, all graduate courses are offered in the evening in a hybrid format. In addition, a Saturday, cohort-based program is also available (the Accelerated Weekend MBA). From its inception, the program has enjoyed a broad base of support and participation from the Northwestern Indiana business community.

Purpose

The M.B.A. program focuses on teamwork and executive leadership and provides a professional education in business for students who possess the baccalaureate degree in any discipline. For most students, the M.B.A. is a terminal professional degree designed to enhance their performance in present and future managerial positions. Increasingly, individuals employed in non-business fields have used the M.B.A. program to broaden their academic training and enhance their prospects for a career in business.

Goals

The Faculty of the School of Business and Economics of Indiana University Northwest have identified the following Student Learning Goals to provide assurance that the graduate degree programs of the School provide an educational experience for our students consistent with our mission.

MBA students can:

- display effective teamwork
- exhibit effective leadership skills with a focus on ethical and social responsibilities.
- employ key productivity and collaborative business software in the analysis of business decision
- show expertise in functional business
- demonstrate the ability to think critically, analytically, and to integrate knowledge from multiple disciplines to make effective business decisions.
- display knowledge of multicultural and diverse perspectives to make effective business
- demonstrate knowledge and understanding of ethical and social issues in making effective business

Learning Outcomes

1. Teamwork and Collaboration: Participate as positive and productive members of a team that functions effectively in projects, problem-solving and decision-making situations.
2. Leadership and Strategic Thinking: Function as effective leaders capable of making ethical and strategic decisions to benefit the organization and society.
3. Management Specific Knowledge and Skills: Apply fundamental business concepts to analyze problems and construct and implement effective solutions in the business environment.

Graduate Admissions to the School of Business and Economics

Admission to the M.B.A. program is limited to students of demonstrated aptitude, ability, and scholarship. The decision is based upon a composite evaluation of the applicant's:

- Undergraduate academic performance as measured by the cumulative grade point average
- Letter of Recommendation(s)
- Personal Statement; and
- Resume/CV

Applicants who have graduated with a business degree from one of the IU campuses may be eligible for direct admission. Please contact the program director for more information.

Admission Test

Admission tests, such as the GMAT/GRE, are not required for admission to graduate programs in the School of Business and Economics. An applicant may choose to submit admission tests as additional evidence if desired, however, these tests are not necessary as part of the admission process.

IU Northwest
Dunes Medical / Professional Building, Room 1103
3400 Broadway
Gary, IN 46408
(219) 980-6635

Contact the School of Business and Economics Graduate Programs for additional contact information.

Application Deadline

Candidates may enter the *Weeknight MBA* program at the beginning or middle point of the fall and spring semesters, or the beginning of the Summer I and Summer II sessions. Candidates may enter the *Accelerated Weekend MBA* program during the beginning of the fall semester only. The application deadline for either MBA option is one month before classes start. A completed application and all supporting documents must be submitted to the Office of Graduate Studies in Business and Economics by the established deadline date. An official transcript from each college attended is required as part of the application.

Prerequisites

Prior to enrolling in graduate courses in the M.B.A., students should have a minimum of a college-level finite mathematics class, and proficiencies in computer operations and systems. The Indiana University course equivalent is *MATH M118 Finite Mathematics*. Students are also expected to be proficient in Microsoft Word, Excel, Access, and PowerPoint. Students will be required to take an excel assessment prior to the beginning of their first enrolled semester. Any deficiencies will require self-paced tutorials, Excel prep courses, tutoring, and other options available to them to satisfy the prerequisites.

Candidates who are deficient in any of these areas should speak with the director of Graduate Programs to review the different options available to them to satisfy the prerequisites.

Some core classes also have specific course prerequisites. They will be stated in the schedule of classes.

Proper enrollment is the individual responsibility of each student. The School of Business and Economics may cancel improper enrollment at any time, and if credit is earned in such an enrollment, the school may refuse

to apply that credit toward a degree or may require enrollment in an additional class.

Policies & Procedures

Students with exceptional circumstances in regard to the policies stated in this bulletin should contact the director for advising.

Course Load

Since most M.B.A. students are employed full-time, they normally carry a course load of 3 to 6 credit hours (one to two courses) per semester.

Students should understand graduate courses require more time dedicated to study outside of the classroom. Students should expect to spend 12-15 hours in study outside of class for every three hours in class.

Time Allowed for Completion of Degree

A maximum of six years is allowed for completion of the program or can be permitted on a case-by-case situation. The six-year period begins with the first semester of course work following the granting of admission status into the program. For those students entering with no undergraduate business training, the program can be completed in approximately three years. Students with an undergraduate degree in business may qualify to directly enter the 30-credit hour M.B.A. core program that can be completed in one year of full-time study or within 20-24 months on a part-time basis.

Continuation in Good Standing

The 3.0 grade point average required for the awarding of the MBA degree requires close monitoring of the graduate student's academic progress. If a student receives a C- or below he/she must repeat the course. Both grades will be included in the GPA. Students whose GPA has dipped below 3.0 are placed on probation and will be permitted to enroll in an additional 6 credit hours (two courses).

Dismissal

A student will be dismissed from the program for any of the following reasons:

- Failure to raise GPA to a 3.0 within 6 credit hours of subsequent coursework
- Maintaining a cumulative GPA below 3.0 after 12 credit hours of work
- Receiving of three grades of C
- Receiving of a grade of F in any graduate course results in immediate dismissal
- Failure to abide by the School of Business and Economics' Standards of Professional Conduct

Upon the recommendation of the Graduate/Undergraduate Committee and with the approval of the Dean of the School of Business & Economics, any student whose work is unsatisfactory or whose conduct is unethical may be dismissed from the School. This includes violations of the School's Standards of Professional Conduct contained within this bulletin.

Students should be familiar with the Indiana University Code of Student Rights, Responsibilities and Conduct, particularly in areas of academic misconduct. Academic misconduct may involve human, hard-copy, or electronic resources. Students should understand dismissal can

occur if any activity is deemed to undermine the academic integrity of the institution.

Waivers

If a student has completed course work encompassing material included in the foundation of the program, certain waivers may be granted. Students are permitted waivers for the following courses only:

- BUNW-A 513 Accounting for Decision Making and/or
- BUNW-A 514 Economics for Managers.

No waivers for other core classes are permitted. Students can be considered for waivers if they have taken specific undergraduate course work with a grade of B or better (B- does not count) from an AACSB Accredited school within the past five (5) years. The student will be notified as to waivers granted when the application for admission is formally approved. Contact the Director for more information.

Non-Degree Status

Prospective students who may require foundation courses can begin the program as a non-degree student. Students with a non-degree status may only take up to 12 credit hours of M.B.A. foundation courses. M.B.A. Core courses are not open to non-degree students.

Additionally, students who must take all five of the M.B.A. foundational courses essentially have completed the Graduate Certificate in Management. Successful completion of all five courses with a 3.2 GPA will meet the requirements of admission into the core MBA program.

Students who do not require foundation courses must enter the program fully admitted.

Students Transferring from Another M.B.A. Program

A student who is admitted who has attended an M.B.A. program at another institution must take at minimum the 30 credit hour core of which no more than 6 credit hours can be transferred in. Their graduate and undergraduate coursework may be used to waive the two eligible foundation courses. Students can be considered for eligible foundation course waivers if they have taken specific undergraduate course work with a grade of B or better (B- does not count) within the past five years from an AACSB accredited business school. See the director for approval details. These are subject to final approval by the Graduate Committee and may require review of additional materials.

Transfer Credit

A total of 6 credit hours of graduate-level work may be transferred from other accredited institutions or other accredited programs at Indiana University. *All course work must be preapproved by the Graduate/Undergraduate Faculty Committee, and students must obtain a grade of B or better to qualify for transfer.* See the director of graduate studies for details.

Grade of Incomplete

A grade of Incomplete (I) may be given only when the work in the course is substantially completed and when the student's work is of passing quality. An Incomplete must be changed to a letter grade within one year from the date of its recording. The student must meet with the professor and complete all work required by him/her and submit it well in advance of the one-year deadline.

Students who receive a grade of I are not to re-enroll in the same class.

Independent Study

Students are permitted to engage in up to 6 credit hours of approved Independent Study. These credits can be used to fulfill electives and may not be used to complete a required foundation or core class.

Students must submit the completed proposal form, approved by the sponsoring professor, to the director, by the date specified within the Schedule of Classes.

Withdrawals

Students are permitted to drop a class up to the Automatic Withdrawal deadline. *Students may not withdraw from a class after the automatic withdrawal deadline except under extreme circumstances.* If a student seeks to drop a class after the deadline, the student must submit a request explaining the extreme circumstances that support the withdrawal. A poor or failing grade is *not* a legitimate reason to request permission to withdraw after the deadline. The student request is submitted to the director, who will submit the request to the dean to approve or deny the request.

Students in the Weekend M.B.A. program are not subject to published withdrawal deadlines. Please contact the Director for more information.

Applying for Graduation

Students will be able to apply for graduation through the IU Northwest School of Business and Economics website. Students must submit applications the semester prior to finishing their degree requirements so that the graduate director has time to audit student files. The Office of the Registrar requires a tentative list of graduates at the beginning of each semester.

Students must file an application for graduation the semester before they expect to complete degree requirements. Failure to file this application will result in the student's name not appearing on the graduation list for the semester in which the course work is being completed.

Degree Requirements

The Master of Business Administration degree requires a minimum of 30 credit hours. For students who have no course waivers, a total of 36 credit hours will be required for completion of the degree. No more than 6 credit hours may be transferred from another institution. A cumulative grade point average of 3.0 or higher in all coursework taken for graduate credit must be earned as a prerequisite for continuation in good standing and for graduation.

If a student repeats a course, the more recent grade counts in the degree GPA. Degree requirements must be completed within six years from the date of the first semester enrolled. Enrollment as a guest/non-degree/certificate student counts in the six years.

The following coursework is required for the program:

I. Teamwork and Collaboration

BUNW-C 512 Managing in a Team Based Organization (3 cr.)

II. Understanding Markets and Analytics

BUNW-A 512 Statistical Tools for Management (3 cr.)
BUNW-A 514 Economics for Managers (3 cr.)

III. Managing Operations and Technology Resources

BUNW-A 516 Management Information Systems (3 cr.)
BUNW-B 513 Operations Management (3 cr.)

IV. Managing Customers and Human Resources

BUNW-B 511 Marketing Management (3 cr.)
BUNW-G 514 Human Resource Management (3 cr.)

V. Managing Financial Resources

BUNW-A 513 Accounting for Decision Making (3 cr.)
BUNW-B 512 Financial Management (3 cr.)

VI. Managing in a Legal and Global Environment

BUNW-B 514 Legal, Ethical and Social Environment of Business (3 cr.)
BUNW-B 515 Introduction to International Business (3 cr.)

VII. Leadership and Strategic Thinking

BUNW-D 511 Strategic Management (3 cr.)

Total with waivers (30 cr.) Total with no waivers (36 cr.)

Chancellor's Master of Science in Management (Online)

The Chancellors' Master of Science in Management is offered 100% online collaboratively by the IU East, IU Kokomo, IU Northwest, and IU Southeast campuses. Degree requirements are fulfilled by taking online classes across these campuses.

The Chancellors' Master of Science in Management program focuses on the skills required to be a successful manager or leader of an organization in areas such as non-profit, government, healthcare, or for-profit enterprise by building skills in communication, team building, conflict resolution, and negotiation. There are no quantitative courses in this program. Rather, you study leadership, teams, change management, and ethics; and you gain next-level skills in critical thinking and performance improvement.

Tracks in General Management and Human Resources provide more specialized skill-building and professional development. Foundational courses focus on topics such as leadership, managing teams, business communication, conflict management, business ethics and change management. Students without an undergraduate business degree can earn an M.S. in Management degree in just one year if classes are taken full-time. Students wishing to attend part-time can complete the program in two years or less.

In addition, to better serve the needs of working adults, courses are offered online in an asynchronous format. Graduates from the Master of Science in Management program will be prepared to take on leadership opportunities within their current organization or pivot to a new career.

Program Learning Outcomes

1. Knowledge Management: Students will demonstrate knowledge of fundamental concepts and principles of organizational behavior, management, and ethics.

- a. Students will develop knowledge of terminology, theories, and principles of management.
- b. Students will develop knowledge of terminology, theories, and principles of organizational behavior.
- c. Students will develop knowledge of terminology, theories, and principles of ethics.
2. Leadership: Students will demonstrate knowledge of leadership theory and practice that prepares them to lead effectively.

- a. Students will develop knowledge of theories and principles of organizational leadership.
- b. Students will apply leadership skills to advance personal, organizational and/or community goals.
- c. Students will develop the ability to persuade others, build consensus, gain cooperation from others to obtain information, and accomplish goals.
- d. Students will apply principles, procedures, and policies related to project management.
3. Ability to Think Critically: Students use problem solving methodologies to evaluate given information and use critical thinking skills to arrive at appropriate recommendations.

- a. Students will identify, analyze, and solve problems by applying relevant management theories to generate solutions, alternatives, and recommendations.
- b. Students will formulate strategic objectives and priorities to implement plans consistent with the long-term interest of the organization.
4. Communication: Students will demonstrate knowledge of fundamental concepts and skills of organizational communication.

- a. Students use effective oral communication skills.
- b. Students will display effective interpersonal skills.
- c. Students will write in a clear, concise, organized, and convincing manner for the intended audience.

Program Learning Outcomes

The following describes the learning outcomes for the Chancellor's Master of Science in Management program:

1. Recognize fundamental concepts of management.
2. Apply principles of management and management techniques in different organizational settings.
3. Apply principles, procedures, and policies related to strategic organizational development.
4. Apply appropriate leadership principles and techniques.
5. Apply appropriate communication techniques with various stakeholders.
6. Apply ethical principles and reasoning in business decision-making.
7. Work effectively with team members from diverse backgrounds.

Course Requirements

The curriculum for the Chancellors' Master of Science in Management program consists of 30 credit hours of coursework in two parts:

1. Core courses (18 credit hours)
2. Track courses (12 credit hours)

*Students from non-business undergraduate backgrounds will need to complete an additional course, BUSE-A 500 Speaking the Language of Business, as one of the electives.

Core Courses

6 courses (18 credit hours)

(Those with non-business undergraduate backgrounds should begin with BUSE-A500: Speaking the Language of Business; this course will count toward elective credit)

- Complete one of the following courses in Leadership (3 cr.):
 - BUSE-A 508 Organizational Behavior and Leadership
 - BUNW-Z 506 Leadership
 - BUEA-M 550 Leadership and Motivation
 - BUKO-J 552 Principles of Leadership and Ethics
- Complete one of the following courses in Ethics (3 cr.):
 - BUNW-B 514 Legal, Ethical and Social Environment of Business
 - BUSE-B 510 Managerial Ethics
 - BUEA-M 557 Contemporary Managerial Ethical Issue
- BUSE-B 511 Business Communications (3 cr.)
- Complete one of the following courses in Change Management (3 cr.):
 - BUSE-E 548 Organizational Change Management
 - BUEA-M 551 Organizational Learning and Change Management
 - BUKO-M 542 Organizational Theory and Development
- Complete one of the following courses in Managing Teams (3 cr.):
 - BUSE-Z 506 Managing the Team-Based Organization
 - BUNW-C 512 Managing in a Team Based Organization
- BUSE-E 552 Negotiation (3 credits)

Track Courses

(12 cr.)

Students must complete coursework to satisfy one of the following tracks.

General Management Track

- Complete one of the following International Business courses (3 cr.):
 - BUEA-M559 Global Leadership
 - BUNW-B515 Introduction to International Business
 - BUKO-K554 Leadership in a Global Context
- Complete one of the following Operations/Project Management courses (3 cr.)
 - BUEA-563 Operations and Supply Chain Management
 - BUNW-B513 Operations and Supply Chain
 - BUSE-B517 Operations and Supply Chain Management
- Complete one of the following Strategy courses (3 cr.)
 - BUEA-M560 Strategic Management

- BUKO-J560 Global Strategic Management
- Complete one of the following Analytics/IS courses (3 cr.)
 - BUSE-A509 Management Information Systems OR
 - BUKO-K542 Business Analytics
- Complete one of the following Human Resources courses (3 cr.)
 - BUSE-E554 Human Resource Management
 - BUEA-M558 Human Resource Management
 - BUNW-G514 Human Resource Management
 - BUKO-Z542 Strategic Human Resource Management
- Complete one of the following Marketing courses (3 cr.)
 - BUEA-M554 Marketing Management
 - BUNW-B511 Marketing Management
 - BUSE-C521 Marketing Management
 - BUKO-M559 Advanced Marketing Management
- Economics (3 credits)
 - BUNW-A 514 Economics for Managers
- *Students from non-business undergraduate backgrounds must complete BUSE-A500 Speaking the Language of Business, as one of the electives.

Human Resources Track

- Complete one of the following Human Resource Management courses (3 cr.):
 - BUSE-E554 Human Resource Management
 - BUEA-M558 Human Resource Management
 - BUNW-G514 Human Resource Management
 - BUKO-Z542 Strategic Human Resource Management
- Complete three of the following electives (9 cr.):
 - BUKO-C570 or BUSE-E574 Strategic Staffing
 - BUKO-L506 Employment Problems and the Law
 - BUSE-E549 Industrial (Labor) Relations
 - BUSE-E558 Total Compensation
 - BUSE-E585 Training and Development
 - BUSE-E559 Performance Management
- *Students from non-business undergraduate backgrounds must complete BUSE-A500 Speaking the Language of Business as one of the electives.

Chancellor's Master of Science in Strategic Finance (ONLINE)

The Chancellors' Master of Science in Strategic Finance (M.S.S.F.) is designed to advance the careers of financial professionals in the private sector and public accounting. The M.S.S.F. develops knowledge, skills, and abilities in cost management, financial management, business analysis and valuation, financial statement analysis as well as decision modeling and simulation.

Additional topics covered include fraud in financial management and advanced corporate

financial strategy. Elective courses focus on enhancing the financial professional's abilities in specific areas, such as investment management, international financial management and taxation and auditing.

The Chancellors' Master of Science in Strategic Finance has three tracks that a student can select from: Investments, Managerial Finance or Accounting.

Program Learning Outcomes

1. Students will evaluate accounting and finance concepts and principles.
2. Students will effectively apply and integrate accounting and finance concepts and tools for analysis and decision-making.
3. Students will interpret and respond to financial and accounting information.
4. Students will develop ethical strategies to address issues faced by financial and accounting professionals.

Program Learning Outcomes

The following describes the learning outcomes for the Chancellor's Master of Science in Strategic Finance program:

1. Students will evaluate accounting and finance concepts and principles.
2. Students will effectively apply and integrate accounting and finance concepts and tools for analysis and decision-making.
3. Students will interpret and respond to financial and accounting information.
4. Students will develop ethical strategies to address issues faced by financial and accounting professionals

Course Requirements

To earn the MS in Strategic Finance, students must complete 30 credit hours of coursework as follows:

Core Courses: Eight courses (24 credit hours)

- BUSE-E 594 Business Analysis & Valuation
- BUSE-E 577 Financial Statement Analysis
- BUSE-A 507 Modeling & Simulation
- BUSE-E 589 Intermediate Accounting I or BUKO-A 511 Financial Accounting Theory and Practice I
- BUSE-C 522/BUEA-F 510/BUNW-C517 Financial Management
- BUSE-E 595 Advanced Corporate Finance or BUSB-F 542 Strategic Financial Management
- Complete one of the following courses:
 - BUSE-A 505 Strategic Cost Management
 - BUNW-A 513 Accounting for Decision Makers
 - BUSB-F 503 Decision-Making Tools in Accounting
 - BUKO-D 542 Advanced Managerial Accounting
- BUSB-C502 The Legal & Ethical Environment of Business or BUSE-E 597 Fraud Issues in Business

Track Courses: Two courses (6 credit hours)

Complete one of the following track options:

Investment Track

- BUSE-E 557/BUKO-C 555/BUSB-F 514/BUNW-F 524 Investment Management
- One of the following:
 - BUSE-E 567 Portfolio Management & Investment Analysis
 - BUSB-F 517 Financial Markets and Institutions
 - BUNW-F 517 Speculative Markets and Investment Strategy

Accounting Track

- BUSE-G 533 Auditing or BUKO-A 534 Auditing Theory and Practice
- BUSE-H 546 Advanced Corporate Taxation or BUKO-A 528 Introduction to Taxation

Managerial Finance Track - choose two from the following list:

- International Finance; one of the following:
 - BUSE-E 568/BUFA-F 511 International Financial Management
 - BUKO-F 571 International Corporate Finance
 - BUSB-F 530 International Finance
- Markets and Investments; one of the following:
 - BUSE-E 567 Portfolio Management and Investment Analysis
 - BUSB-F 517 Financial Markets and Institutions
 - BUNW-F 517 Speculative Markets and Investment Strategy

Investment Management; one of the following:

- BUSE-E 557/BUNW-F 524/BUSB-F 514 Investment Management
- BUKO-C 555 Investments

Certificates

Postbaccalaureate Certificate in Accounting

The Postbaccalaureate Certificate in Accounting program is intended to provide students with concentrated training in accounting and closely related fields and is designed for those who want to develop proficiency in accounting, an area where there is likely to be an adequate market demand for the next several years.

The program is open to anyone who possesses a bachelor's degree in any field from an accredited college or university. The only requirements for entry are an application and official transcript for all undergraduate work must be submitted to the School of Business and Economics. The program is keyed to the needs of a broad spectrum of individuals who wish to move into a field that is both challenging and rewarding. Enrollment may be either full time or part time. The length of time required to complete this program depends on undergraduate courses already completed. The full range of counseling and

placement services of the school is available to certificate students.

Admissions

Students should submit a completed application, application fee, and official transcripts showing their undergraduate degree. For students who may need a refresher in computer technology or programs such as Microsoft Excel, we suggest that they take advantage of the self-tutorials online. New students will be advised of their options once admitted.

Prerequisites

Prior to enrolling in courses in the M.B.A. Certificate in Management or Accounting programs, students should meet minimum proficiencies in math and computer skills. Students should have a minimum of a college-level finite mathematics class. The Indiana University course equivalent is MATH M118 Finite Mathematics. Students are also expected to be proficient in Microsoft Word, Excel, Access, and PowerPoint. Candidates who are deficient in any of these areas should speak with the director of Undergraduate and Graduate Programs to review the different options available to them to satisfy the prerequisites.

Transfer Credits

Up to 6 credit hours can be granted for courses taken at other accredited colleges and universities, provided that the student submits evidence (for example, catalog descriptions of courses) that the courses are equivalent to those specified in the Postbaccalaureate Certificate in Accounting program. A student who has already successfully completed, whether as an undergraduate or graduate student, any course specified in the program can, at his or her option, repeat the course or take another approved course.

Course Requirements

(30 cr.)

- BUS-A 201 Introduction to Financial Accounting (3 cr.)
- BUS-A 202 Introduction to Managerial Accounting (3 cr.)
- BUS-A 311 Intermediate Accounting I (3 cr.)
- BUS-A 312 Intermediate Accounting II (3 cr.)
- BUS-A 325 Cost Accounting (3 cr.)
- BUS-A 328 Introduction to Taxation (3 cr.)
- BUS-A 424 Auditing (3 cr.)
- Additional accounting elective (3 cr.)
- BUS-F 301 Financial Management (3 cr.)
- Select one of the following
 - BUS-F 420 Investments (3 cr.)
 - BUS-F 494 International Finance (3 cr.)

No more than 6 credit hours in business law and no more than 6 credit hours in computer science.

Students who wish to sit for the Indiana CPA exam must meet these requirements. Additional coursework may be needed. Consultation with the director is strongly advised to ensure meeting these requirements.

Graduate Certificate in Management

The Graduate Certificate in Management (GCM) is a 15-credit hour program of study in management designed for individuals who work full-time but want to enhance their current management skills or add a graduate certificate to an existing undergraduate degree. This 15-credit hour Certificate can be finished on a part-time basis in as little as 9-12 months. The five courses that make up the certificate are the five foundation courses in the MBA and will apply towards the MBA should a student wish to continue their studies. This program is intended for someone with an undergraduate degree in a field other than business who may not wish to pursue a Master's degree just yet.

Admission

Students should submit a completed application, application fee, and official transcripts showing their undergraduate degree. For students who may need a refresher in computer technology or programs such as Microsoft Excel, we suggest that they take advantage of the self-tutorials online. New students will be advised of their options once admitted.

Course Requirements

(15 cr.)

- A512 Statistical Tools for Managers (3 cr.)
- A513 Accounting for Decision Making (3 cr.)
- A514 Economics for Managers (3 cr.)
- B511 Marketing Management (3 cr.)
- B512 Financial Management (3 cr.)

School of Education

Administrative Officers

Mark B. Sperling, Ed.D., *Interim Dean*
Amanda Demmond, M.A., *Graduate Academic Advisor & Coordinator of Education Student Services*
Taylor Calhoun, B.S., *Pre-Professional Academic Advisor and Coordinator of Education Student Services*
Kelly Zieba, B.A., *Director of Enrollment Management, Finance, and Operations*

Phone: (219) 980-6510

Website: www.northwest.iu.edu/education/

Overview

Degrees Offered

Bachelor of Science degree in Elementary Education
Bachelor of Science degree in Secondary Education
Minor in Sports Management
Master of Science degree in Elementary Education
Master of Science degree in Secondary Education
Master of Science degree in Elementary Education - Urban Option 1
Master of Science degree in Secondary Education - Urban Option 2
Master of Science degree in Educational Leadership
Ed. S. in Educational Leadership (Online)
E.L. (English Language) Graduate Certificate (Online)

The Student's Responsibility

Advisors and directors assist students in planning a program of study to satisfy requirements, but each student assumes final responsibility for meeting all deadlines and all requirements.

Contact Information

School of Education
IU Northwest
Hawthorn Hall, Room 354
3400 Broadway
Gary, Indiana 46408
(219) 980-6510

Contact the School of Education for additional contact information.

Mission

The School of Education (SOE) supports and facilitates the shared vision of IU Northwest by collaborating and cooperating with other educational institutions, external partners, and surrounding communities to further excellence in educational processes and enhance the overall quality of life in those communities.

In light of these commitments, the mission of the SOE at IU Northwest is to prepare professional educators who have the knowledge, skills, and dispositions essential for becoming reflective professionals and lead teachers.

Accreditation

The Council for Accreditation of Teacher Preparation (CAEP) fully accredits IU Northwest's School of Education. The Indiana Department of Education has approved all IU Northwest SOE programs for teacher and administrative licensing through the bachelor's and master's levels.

Services

Academic Advisement

This service helps students plan a complete program of study leading to a degree and/or teacher licensing. Students should consult their advisors before registering for classes each semester.

Ombudsperson

Each academic year one faculty member is designated to be the ombudsperson for the students in the School of Education. The function of the ombudsperson is to meet with students to resolve their academic problems. Discussions are handled *confidentially*. The name of the current ombudsperson is available in the Office of Education Student Services.

Dispositions

The School of Education requires professionalism from students in every class, field experience, and student teaching. The faculty has developed a position statement on its expectations for members of learning communities. Dispositions are contained in every course syllabus for student reference. Any student who violates professional norms will be counsel through an incident referral and disciplinary process that, if warranted, may culminate in dismissal from the School of Education program.

Licensure

The School of Education provides services for obtaining teaching licenses. Additional information is available in the Office of Education Student Services.

Honors

Degrees Awarded with Distinction

The SOE recognizes outstanding performance in coursework by awarding degrees with three levels of distinction. The levels of distinction, which are printed on the transcript and IU diploma, are determined by the overall cumulative grade point average:

- 3.55 - 3.699 Distinction
- 3.70 - 3.849 High Distinction
- 3.85 - 4.00 Highest Distinction

Bachelor of Science in Education

The School of Education at IU Northwest offers bachelor's degrees in Elementary Education and Secondary Education.

Admission

Admission to the Teacher Education Program (TEP)

The Teacher Education Program (TEP) begins in the junior year for Teaching All Learners/Elementary Education students and in the junior year for Secondary and Visual Arts Education students and focuses on helping students acquire the knowledge and skills necessary to become a reflective professional teacher.

Student Portfolio

The student portfolio shall consist of artifacts, scoresheets and reflections created by the student that demonstrate the acquisition of the knowledge and skills within each of the nine initial program outcomes. The student will begin to create the portfolio prior to entering the TEP. Specific portfolio checkpoints have been established in both the elementary and secondary programs. The portfolio must be completed prior to student teaching.

Admission to the Teacher Education Program - Admission Requirements

- Application for admission to the Teacher Education Program must be filed prior to the beginning of the semester in which students plan to start.
- Students must have successfully completed at least 26-45 credit hours with a cumulative grade point average of at least 2.50 and have submitted an Extended Criminal Background Check.
- Students must have successfully completed with a grade of C or higher ENG W131 Elementary Composition (3 cr.), SPCH S121 Public Speaking (3 cr.), EDUC W200 Using Computers in Education (3 cr.), EDUC F200 Examining Self as Teacher (3 cr.), EDUC K205 Introduction to Exceptional Children, and EDUC P250 Educational Psychology (3 cr.).
- Students must have passed all parts of the Praxis Core Exam (reading, writing, and mathematics). The cutoff scores are available in the Office of Education Student Services
- Requests for exceptions are handled by the Admissions and Reinstatement Committee and

should be addressed to the Dean of the School of Education.

Student Teaching Program

In the Student Teaching Program, the student assumes all the responsibility for teaching in an elementary, special education, or secondary classroom.

Admission Requirements

- File an application for admission to the Student Teaching Program at least six calendar months before the beginning of the student teaching semester. (Deadlines are sent to students via university listserv)
- Complete at least 30 of the last 60 credit hours of academic work at IU Northwest, including the professional methods courses.
- Have at least a 2.50 cumulative grade point average with grades of C or higher in all required cognate and education courses.
- Be at least a first-semester senior. Normally, this will mean that the student has satisfactorily completed at least 86 credit hours of academic work.
- In the case of Elementary Education majors, complete required work in the areas of language arts, mathematics, science, and social studies.
- In the case of SH/JH /MS education majors, complete at least 85 percent of the major teaching area requirements and 75 percent of the minor teaching area requirements.
- Complete all required professional methods courses within three years prior to enrolling in student teaching.
- Pass the prestudent teaching portfolio check.
- Pass the all examinations required for teacher licensing by the Indiana Department of Education.
- If an interview is requested by the cooperating institution, the student must participate in an interview with a representative of the institute or agency in which the student teaching will be completed and obtain a favorable recommendation.

Students are discouraged from taking additional academic work during the same semester of enrollment in student teaching.

The Director of Student Teaching and Field Experiences shall be the sole judge as to whether the student has met the requirements for admission to, and continuing in, the Student Teaching Program.

Completion of the Student Teaching Program and Application for a Teaching License

- Obtain a satisfactory recommendation from the Director of Student Teaching and Field Experiences

The student will be eligible for a teaching license when the baccalaureate degree has been granted, all required Indiana Core and Pedagogy exams have been passed, an extended criminal background check shows no negative activity, and fees and licensing requirements by the Indiana Department of Education have been paid and/or satisfied.

Policies & Procedures

Undergraduate Programs

Admission to the School of Education expires upon receipt of a degree, upon completion of special admission work, or when no work has been completed on this campus in a period of one calendar year. Students must then reapply for admission to the school.

Admission and Reinstatement Appeals

A student whose enrollment was terminated by the SOE may petition for reinstatement to the Education Admission and Reinstatement Committee.

Credit Transfer Policy for Baccalaureate Degrees

Undergraduate students wishing to transfer from other institutions should first call or write the admissions office at IU Northwest for information concerning admission and transfer of credit. Even though credit hours are transferred through the admissions office, they may or may not be applicable to degree programs in the SOE. The SOE determines the acceptance of transferred credit.

Two major concerns underlie this policy: program integrity and fairness. The SOE ensures program integrity through counseling and mentoring by faculty. Fairness is ensured through collaborative planning by the student and his/her faculty mentor.

Credit transfer is administered by the IU Northwest admissions office and the academic advisor of the SOE with the advice of appropriate faculty, including the student's faculty advisor. Formal appeals of decisions and the consideration of requests for exceptions to existing policy are provided for by a standing committee of the faculty of the SOE.

Credit transfers for a course must not be confused with performance criteria for a degree, certificate, or license.

Academic work from a regionally accredited college or university that is certified by the state of Indiana, or a body of similar stature, to offer teacher education and for which a student grade is at or above the level of C, may be transferred for credit but will be transferred for program requirements subject to the following conditions.

Undergraduate or graduate students who have successfully completed any course at any other Indiana University campus that is part of a program at IU Northwest will receive full credit for that course. These will be considered on a case-by-case basis.

The last 30 credit hours of any undergraduate degree program to be awarded by IU Northwest must be completed after being admitted to the SOE at IU Northwest.

Acceptance into a degree, license, or program must be accompanied with an approved program of studies that has been validated by appropriate faculty and certification advisors within the SOE at IU Northwest.

Electives

Free electives for Senior High/Junior High/Middle School majors are those courses applied toward the required credit hour total, but not applied to the area of general education, subject major, or subject minor. Courses numbered 100 or higher may be used as free electives. No College of Arts and Sciences courses with a J prefix and no courses without a departmental prefix may be used as electives.

Field Experiences

When applying for admission to an undergraduate education program, students should know that some semesters of the education coursework require field experiences in local schools.

Completion of Student Teaching and Application for a Teaching License

Students must obtain a satisfactory recommendation from your advisor to apply for Student Teaching as required by the calendar for applications. The student will be eligible for a teaching license when the baccalaureate degree has been granted, all required Indiana PRAXIS Core, Teaching and Learning and Content exams have been passed, an extended criminal background check shows no negative activity, and fees and licensing requirements by the Indiana Department of Education have been paid and/or satisfied.

Good Standing

To maintain good standing within the SOE, undergraduate students must keep a cumulative grade point average of at least 2.5. Students whose GPA falls below 2.5 will be placed on probation. Students whose GPA remains below 2.5 a second semester will be placed on strict academic probation.

Students on strict academic probation whose GPA does not rise above 2.5 will be dismissed from the SOE.

Semester Load

A full-time undergraduate student is expected to carry 12-17 credit hours of academic work per semester. If students have earned a cumulative grade point average of at least B (3.0) in all work taken at Indiana University, they may receive permission from the SOE Dean or Director of Education Student Services to carry 18 credit hours or more in a semester. Education students are discouraged from enrolling in more than 6 credit hours of academic work during Summer Sessions. It is recommended that a person who is employed full time take no more than 6 credit hours of academic work.

Bachelor of Science in Education

School of Education: Initial Licensure Programs

Program-level Outcomes

1. **Learner and Learning:** The candidate's decision-making prioritizes an engaged learning community that promotes students' dignity, autonomy, and belonging.
2. **Learner and Learning:** The candidate's instruction uses multiple means of engagement, representation, action, and expression to support students' cognitive, linguistic, social, emotional, and physical development, including those with diverse learning differences.
3. **Content: Concepts:** The candidate's instruction demonstrates well-chosen combinations of central concepts and essential discipline-specific knowledge.
4. **Content: Pedagogy:** The candidate's instruction creates powerful learning experiences that engage students in critical thinking and/or different perspectives using pedagogy well-suited to the content area.

5. **Instructional Practice: Assessment:** The candidate's decision-making prioritizes students' needs as revealed in data generated by different assessment tools.
6. **Instructional Practice: Planning:** The candidate identifies challenging instructional goals and well-designed methods and materials for scaffolding students' learning.
7. **Instructional Practice: Strategies:** The candidate chooses a variety of instructional strategies that provide students sustained opportunities to develop essential skills while building their understanding of content knowledge.
8. **Instructional Practice: Technology:** The candidate integrates technology tools and resources to enhance students' understanding of content knowledge and mastery of essential skills.
9. **Professional Responsibility: Active Engagement:** The candidate takes initiative to make productive contributions while helping others achieve shared goals of activities.
10. **Professional Responsibility: Collaboration:** The candidate takes initiative to collaborate with others to ensure learners' growth; is open to other people's ideas and suggestions; seeks positive solutions to achieve shared goals.
11. **Professional Responsibility: Growth Orientation:** The candidate practices an ongoing cycle of evidence-gathering, monitoring, and reflecting on how specific aspects of professional practice impact others.
12. **Professional Responsibility: Integrity:** The candidate consistently displays trustworthiness in upholding ethical standards in all interactions with others in professional contexts.
13. **Professional Responsibility: Communication:** The candidate adapts communication style to different audiences and contexts; safeguards personal information in public and private contexts thereby affirming the dignity of others.
14. **Professional Responsibility: Respect:** The candidate advocates on behalf of others by affirming other people's perspectives and explicitly addressing potential biases.
15. **Professional Responsibility: Responsibility:** The candidate fulfills expectations involved in the different roles a teacher performs in varying school and community contexts.

Bachelor of Science in Education Degree Requirements

- Regular matriculation requirements of the university.
- A cumulative grade point average of at least 2.5.
- Successful completion of 35 credit hours of junior- and senior-level courses (courses numbered higher than 299).
- Successful completion of at least 30 of the last 60 credit hours of academic work, including the

teaching methods courses, in residence at IU Northwest preceding admission to student teaching.

- Successful completion of at least 120 credit hours of appropriately distributed academic credit hours within seven calendar years of the intended date of receipt of the degree. Any work completed seven or more calendar years prior to that date will be subject to review to determine its acceptability toward the degree. Methods courses three or more calendar years old and student teaching two or more years old will also be subject to review.
- Successful completion of all required courses and a grade of C or better in all required EDUC courses.
- Successful completion of all program checkpoint and portfolio requirements.
- Demonstration of specific knowledge, performances, and dispositions as required by the Indiana Department of Education.

Application for Degree

When students register at IU Northwest the last time before completing the requirements for a degree in the School of Education, they should file an application for the degree with the Office of Education Student Services. Students completing work for degrees in the SOE in absentia must notify the same office at least one semester prior to the time when the degree is to be granted.

Elementary / Special Education Initial Program

General Education Requirements

Teaching All Learners: Elementary / Special Education Initial Program

The School of Education prepares students in the Teaching All Learners: Elementary Education Initial Program (TAL) for careers teaching in elementary K-6 and special education classrooms grades K-6.

Candidates who complete this program will receive a Bachelor of Science degree in Elementary Education and are eligible for the Elementary Generalist (K-6), Exceptional Needs—Mild Intervention.

General Education Requirements (56 cr.)

Language Arts (6 cr.)

- ENG W131 Elementary Composition
- SPCH S121 Public Speaking

Cultural and Historical Studies (6 cr.)

- EDUC M300 Teaching in a Pluralistic Society
- EDUC H340 Education and American Culture

Social and Behavioral Studies (6 cr.)

- EDUC P250 Educational Psychology
- POLS Y103 Introduction to American Politics

Mathematical, Physical, and Life Sciences (23 cr.)

- MATH T101 Mathematics for Elementary Teachers I
- MATH T102 Mathematics for Elementary Teachers II

- MATH T103 Mathematics for Elementary Teachers III
- BIOL L100 Humans and the Biological World (with lab)
- GEOL G101 Introduction to Earth Science
- GEOL G102 Introduction to Earth Science Lab
- EDUC Q200 Inquiry for Elementary Teachers

Health and Physical Education (6 cr.)

- HPER P290 Movement Experiences for Preschool and Elementary School Children
- HPER H414 Health Education in Grades K-8

Arts and Humanities (13 cr.)

- HIST H105 or HIST H106 American History 1 or 2
- HIST A363 Hoosier Indiana History
- ENG L390 Children's Literature or EDUC X460 Books for Reading Instruction
- EDUC M323 Teaching Music in the Elementary Schools
- EDUC M333 Art Experiences for the Elementary Teacher

Educational Foundation Requirements (9 cr.)

- EDUC F200 Examining Self as Teacher
- EDUC W200 Using Computers in Education
- EDUC K205 Introduction to Exceptional Children

Checkpoint #1

- Successful completion of Praxis Core exams
- Grade of C or higher all Education Foundations courses
- Cumulative GPA of 2.5 or higher

Teacher Education Requirements **Professional Education**

Teacher Education Program (TEP) (48 cr.)

The TEP courses are sequenced into five blocks that must be completed in order. Candidates may begin the Teacher Education Program only when they have completed the requirements listed earlier in this bulletin. Each of these courses must be completed with a grade of C or higher before a student can continue in the program. The professional education courses listed as follows may be taken only after admission into the Teacher Education Program.

First Block (12 cr.)

- EDUC M201 Lab/Field Experience
- EDUC M310 General Methods
- EDUC K343 Education of the Socially and Emotionally Disturbed I
- EDUC E339 Methods of Teaching Language Arts
- EDUC M311 Creating Learning Environments

Second Block (12 cr.)

- EDUC K370 Introduction to Learning Disabilities
- EDUC E340 Methods of Teaching Reading I
- EDUC E325 Social Studies in the Elementary Schools
- EDUC M301 Field Experiences

Third Block (12 cr.)

- EDUC E341 Methods of Teaching Reading II
- EDUC K344 Education of the Socially and Emotionally Disturbed II
- EDUC K362 Education of Children with Learning Problems
- EDUC K495 Practicum in Special Education

Fourth Block (12 cr.)

- EDUC E328 Science in the Elementary Schools
- EDUC E343 Mathematics in the Elementary Schools
- EDUC P345 Academic and Behavioral Assessment of the Mild Handicapped Child
- EDUC M304 Field Experiences

Checkpoint #2

- Completion of IDOE-required licensure exams
- Grade of C or higher in all required EDUC courses
- Cumulative GPA of 2.5 or higher

Fifth Block (15 cr.)

- EDUC M425 Student Teaching: Elementary
- EDUC K480 Student Teaching: Special Education
- EDUC W310 Integrating Technology K-12

Checkpoint #3

- Successful completion of Student Teaching
- Grade of C or higher in all required EDUC courses
- Cumulative GPA of 2.5 or higher

UTEP Elementary Education program - Option 1

Option I is designed for undergraduates and offers a unique opportunity for those enrolled in the SOE to do a field experience and student teaching in an urban school and obtain teacher certification in elementary education.

Checkpoint #1

- Successful completion of Praxis Core exams
- Grade of C or higher in all required courses of Prerequisite Content Knowledge
- Cumulative GPA of 2.5 or higher

(Fall)

- EDUC E518: Workshop in General Elementary Education (emphasis on classroom management)
- EDUC P510: Psychology in Teaching

(Spring)

- EDUC S516: Methods in Teaching Science
- EDUC E543: Methods in Teaching Mathematics
- EDUC E545: Methods of Teaching Reading

(Summer)

- EDUC K505 Introduction to Special Education for Graduate Students
- EDUC E100: Methods of Teaching Physical Education
- EDUC M323: The Teaching of Music in Elementary Schools
- EDUC M333: The Teaching of Art in Elementary Schools

(Fall)

- EDUC E547: Teaching of Social Studies in Elementary Schools
- EDUC E549: Teaching of English Language Arts and Writing in Elementary Schools

Checkpoint #2

- Completion of IDOE-required licensure exams
- Grade of C or higher in all required EDUC courses
- Cumulative GPA of 3.0 or higher

(Spring)

- EDUC M 550: Student Teaching Practicum EDUC T 550: Culture/Community Forces and the Schools

Checkpoint #3

- Successful completion of Student Teaching
- Grade of C or higher in all required EDUC courses
- Cumulative GPA of 3.0 or higher

Secondary Education Program**Required General Education Courses**

Secondary education majors must check with the Office of Education Student Services for changes in requirements.

The general education courses required for this program provide a liberal education regardless of teaching major.

Writing and Speaking (6 cr.)

- o ENG W131 Reading, Writing and Inquiry I
- o SPCH S121 Public Speaking

Mathematical, Physical and Life Sciences (minimum 11 cr.)

- MATH M100
- MATH K200
- One Natural Science with a lab (4-5 cr.). Select one of the following:
 - BIOL L100 Humans and the Biological World (5 cr.)
 - GEOL G101 Introduction to Earth Science: Lecture (4 cr.) and GEOL G102 Introduction to Earth Science: Lab (1 cr.)

Math and Science majors should check with their advisors and take the most appropriate courses.

Social and Behavioral Sciences

- One approved elective (3 cr.)

Social studies majors must take SOC S161 Principles of Sociology (3 cr.) or PSY P101 Introductory Psychology I (3 cr.)

Arts and Humanities (6 cr.)

- Approved Elective (3 cr.)
- Approved Elective (3 cr.)

Cultural and Historical studies (6 cr.)

- EDUC M300 Teaching in a Pluralistic Society (3 cr.)
- EDUC H340 Education & American Culture (3 cr.)

Total (34-36 cr.)

Educational Foundation Courses

- EDUC F200 Examining Self as Teacher (3 cr.)
- EDUC W200 Using Computers in Education (3 cr.)
- EDUC K205 Introduction to Exceptional Children (3 cr.)
- EDUC P250 Educational Psychology (3 cr.)

Total (12 cr.)

Professional Education Courses

The required education courses are sequenced into four blocks that must be completed in order. Each course must be completed with a grade of C or better before a student can continue in the program. The professional education courses listed as follows may only be taken after admission into the Teacher Education Program.

Checkpoint #1

- Successful completion of Praxis Core exams
- Grade of C or higher all Education Foundations courses
- Cumulative GPA of 2.5 or higher

Block 1 (FALL)

- EDUC M201 Lab/Field Experience
- EDUC H340 Education & American Culture
- EDUC M311 General Methods
- EDUC M201 Laboratory/Field Experience

Block 2 (SPRING)

- EDUC M314 General Methods
- EDUC M301 Laboratory/Field Experience
- EDUC M469 Content Area Literacy

Block 3 (FALL)

- EDUC M300 Teaching in a Pluralistic Society
- EDUC M304 Laboratory/Field Experience EDUC P407 Psychology Measurement in the Schools
- The appropriate methods course for each specific teaching major.
 - EDUC M430 Foundations of Art Education and Methods II
 - EDUC M446 Methods of Teaching SH /JH/ MS Science
 - EDUC M452 ELA
 - EDUC M483 Teaching Social Studies 5-12
 - EDUC M459 Teaching Mathematics 5-12
 - EDUC M445 Spanish & French

Block 4 (SPRING)

- EDUC M480 Student Teaching in the Secondary School (12 cr.)
- EDUC W310

Checkpoint #2

- Completion of IDOE-required licensure exams
- Grade of C or higher in all required EDUC courses
- Cumulative GPA of 2.5 or higher

Checkpoint #3

- Successful completion of Student Teaching

- Grade of C or higher in all required EDUC courses
- Cumulative GPA of 2.5 or higher

Required Courses for Majors

- **Teaching Majors Available** - Credit for at least 36 credit hours must be obtained in each subject area (not including the methods). Some majors require more than 36 credit hours. To have a science major, students must select one licensure area. To have a social studies major, students must select one licensure area in addition to historical perspectives.
- English
- Mathematics
- Science with licensure areas in
 - Life Science
 - Chemistry
 - Earth/Space Science
- Social Studies with licensure areas in
 - Historical Perspectives (required)
 - Economics
 - Government (Political Science)
 - Psychology
 - Sociology
- Visual Arts
- Modern Languages French or Spanish
-

Required Courses for English Major

- Select one of the following (3 cr.)
 - ENG G207 Grammar and Usage
 - ENG W301 Writing Fiction
 - ENG L315 Major Plays of Shakespeare
 - ENG L440 Senior Seminar
 - THTR T120 Acting 1: Fundamentals
- Literature in World Context (3 cr.)
 - One approved elective at the 200 level or above
- Adolescent Literature (3 cr.)
 - ENG L391 Young Adult Literature
 - EDUC X460 Books for Reading Instruction
- Optional Tracks (15 cr.)
 - Literature
 - British Literature: ENG L211 (or a course from L305-L314) and ENG L212 (or a course from L326-348)
 - American Literature: One from ENG L350-363 and ENG-L Elective at the 200 level or above
 - Writing
 - ENG W231
 - ENG W303
 - ENG W311
 - ENG W350
 - ENG W approved elective at the 200 level or higher

Required Courses for Mathematics Major Math Content Area Requirements (38 credits)

- Calculus: Math M125 Pre-Calculus, Math M215 Calculus I, Math M216 Calculus II, Math 311 Calculus III
- Probability & Statistics: Math M360 Probability, Math M366 Statistical Inference
- Geometry: Math T336 Euclidean Geometry
- Linear & Proofs: Math M301 Linear Algebra Math M391 Number Systems
- Electives: Choose two of:
 - Math M343 Differential Equations
 - Math M403 Modern Algebra
 - Math M405 Number Theory
 - Math M413 Analysis
 - Math M277 equivalent to M447 Math of Operations Research (Pre-Requisites: M301, M311 & M360)

Required Courses for Science Major

Science Candidates must select at least one licensure area from the following: life science, chemistry, and earth/space science. Candidates must complete all core courses as well as all courses in their chosen licensure area.

Core Courses

- BIOL L101 Introduction to the Biological Sciences (4 cr.)
- CHEM C105 Principles of Chemistry (3 cr.)
- CHEM C125 Experimental Chemistry (2 cr.)
- GEOL G101 Introduction to Earth Science: Lecture (3 cr.)
- GEOL G102 Introduction to Earth Science: Laboratory (1 cr.)
- GEOL G185 Global Environmental Change (3 cr.)

Life Science

- CHEM C106 Principles of Chemistry II (3 cr.)
- CHEM C126 Experimental Chemistry II (2 cr.)
- PHYS P101 Physics in the Modern World (4 cr.)
- BIOL L102 Introduction to the Biological Sciences II (4 cr.)
- BIOL L211 Molecular Biology (3 cr.)
- BIOL L473 Ecology (4 cr.)
- BIOL M200 Microorganism in Nature in Disease (4 cr.) or BIOL M310 Microbiology (3-4 cr.)
- One approved elective # 300 level

Chemistry

- CHEM C106 Principles of Chemistry II (3 cr.)
- CHEM C126 Experimental Chemistry II (2 cr.)
- CHEM C341 Organic Chemistry I (3 cr.)
- CHEM C343 Organic Chemistry Laboratory I (2 cr.)
- AST A105 Stellar Astronomy (3 cr.)
- PHYS P201 or PHYS P221 General Physics I (5 cr.)
- PHYS P202 or PHYS P222 General Physics II (5 cr.)
- One approved elective # 300 level

Earth/Space Science

- AST A100 The Solar System (3 cr.)
- AST A105 Stellar Astronomy (3 cr.)
- PHYS P101 Physics in the Modern World (4 cr.)
- GEOL G209 History of Earth (3 cr.)

- GEOL G221 Introductory Mineralogy (4 cr.)
- GEOL G222 Introductory Petrology (4 cr.)
- GEOG G304 Meteorology and Physical Climatology (3 cr.) or GEOL G210 Oceanography (3 cr.)
- One approved elective # 300 level

Required Courses for Social Studies Major

Social Studies Content Area Requirements (36 credits)

Historical Perspectives (24 credits)

- HIST H113 Western Civilization I
- HIST H114 Western Civilization II
- HIST H 105 American History 1
- HIST H106 American History II
- HIST H215 Proseminar in History
- HIST B391 Themes – World History
- HIST J495 Proseminar for History Majors

Social Sciences (21 credits)

- ANTH A104 Cultural Anthropology
- GEOG G110 Introduction to Human Geography
- PSY P101 Introduction to Psychology
- SOC S161 Principles of Sociology
- POLS Y103 Intro to American Politics
- POLS Y384 Political Thoughts
- ECON E 1111 Issues in Economic History

Adolescent Literature (choose one)

- ENG L391 Young Adult Literature or EDUC X460 Books for Reading Instruction

Required Courses for Spanish or French Education Major

Candidates can choose to earn teaching licensure at the secondary level in either French or Spanish through the undergraduate or graduate Urban Teaching Education Program (UTEP).

The UTEP track is designed for the candidate who possesses a bachelor's degree from an accredited institution in subjects other than education with at least a 2.5 grade point average and appropriate coursework in either French or Spanish. Further information on entering and the timing of taking the Praxis CORE exams for the UTEP program can be provided by the Graduate Student Advisor.

All students will take the French or Spanish Methods Course in the Fall semester of their matriculation.

Pre-professional requirements include:

- EDUC F200 Examining Self as Teacher (3 cr.)
- EDUC W200 Using Computers in Education (3 cr.)
- EDUC K205 Introduction to Exceptional Children (3 cr.)
- EDUC P250 Educational Psychology (3 cr.)

Spanish Language Education Initial Licensure Program

Students are required to have 21 credits of Language, 9 credits of Literature, 6 credits of Culture and Civilization and 6 elective credits, have a 2.5 cumulative GPA and pass the Praxis Core examination for entrance into the UTEP Initial Licensure Program.

Language (21 cr.)

- SPAN S200 2nd year Spanish I
- SPAN S250 2nd year Spanish II
- SPAN S311 Spanish Grammar
- SPAN S312 Written Composition in Spanish
- SPAN S317 Spanish Conversation & Diction
- SPAN S323 Introduction to Translating

Literature (9 cr.)

- SPAN S360 Introduction to Hispanic Literature

Two of the following:

- SPAN S408 Survey of Spanish Literature II
- SPAN S420 Modern Spanish-American Prose Fiction
- SPAN S435 Literatura chicano y puertoriqueno

Culture and Civilization (6 cr.)

- SPAN S363 Introduction to Hispanic Culture

One of the following:

- SPAN S410 Contemporary Hispanic Culture and Conversation
- SPAN S411 Spanish Culture and Civilization
- SPAN S412 Spanish America: Cultural Context
- SPAN S470 Women and Hispanic Culture
- SPAN S479 Mexican Literature

Block 1 (6 credits)

- EDUC S510 Development of Secondary School Programs
- EDUC S508 Problems in Secondary Education

Block 2 (9 credits)

- EDUC P507 Assessment in Schools
- EDUC T550 Culture & Community Forces in the Schools
- EDUC K505 Introduction to Special Education for Graduate Students

Block 3 (6 credits)

- EDUC M501 Laboratory/Field Experience
- EDUC S508 Problems in Secondary Education

Block 4 (6 credits)

- EDUC M550 Student Teaching
- EDUC L517 Content Reading and Literature

French Language Education Initial Licensure Program

All students will take the French Methods Course in the Fall semester of their matriculation.

Pre-professional requirements include:

- EDUC F200 Examining Self as Teacher (3 cr.)
- EDUC W200 Using Computers in Education (3 cr.)
- EDUC K205 Introduction to Exceptional Children (3 cr.)
- EDUC P250 Educational Psychology (3 cr.)

Requirements

- Chosen among FREN-F 300, FREN-F 305, FREN-F 306, FREN-F 328, FREN-F 375, FREN-F 380, and FREN-F 391 (12 cr.)
- 400 level courses (9 cr.)

Language (18 credits)

- FREN F200 2nd-Year French I
- FREN F250 2nd-Year French II
- FREN F328 Advanced French Grammar and Composition
- FREN F380 French Conversation
- FREN F480 Adv. French Conversation
- FREN F495 Individual Readings in French

Literature (9 credits)

- FREN F375 Themes et perspectives littéraires et culturels

of the following:

- FREN F300 Lectures et analyses littéraires
- FREN F305 Théâtre et essai
- FREN F306 Roman et poésie

of the following:

- FREN F424 Comédie classique
- FREN F441 Literature and Culture of the Francophone World
- FREN F443 19th Century Novel
- FREN F450 Colloquium in French Studies
- FREN F452 Civilisation et littérature québécoise
- FREN F463 Civilisation française I
- FREN F464 Civilisation française II
- FREN F495 Individual Readings in French

Culture and Civilization (6 cr.)

- FREN F375 Themes et perspectives littéraires et culturels

of the following:

- FREN F391 French Film
- FREN F495 Individual Readings in French

Electives (6 cr)*

- Any 300 or 400 course in French.

Block 1 (6 credits)

- EDUC S510 Development of Secondary School Programs
- EDUC S508 Problems in Secondary Education

Block 2 (9 credits)

- EDUC P507 Assessment in Schools
- EDUC T550 Culture & Community Forces in the Schools
- EDUC K505 Introduction to Special Education for Graduate Students

Block 3 (6 credits)

- EDUC M501 Laboratory/Field Experience
- EDUC S508 Problems in Secondary Education

Block 4 (6 credits)

- EDUC M550 Student Teaching
- EDUC L517 Content Reading and Literature

Urban Teaching Education Program - Option II (Secondary)

The Urban Teacher Education Program (UTEP) is experience-rich, field-based, and leads to teacher licensing in selected areas through undergraduate and graduate programs. Option II is designed for non-education majors who desire to be urban teachers and who hold a baccalaureate degree from an accredited institution with a cumulative grade point average of at least 2.50 on a 4.0 scale. Successful completion of the program (licensure) requires completing all content area coursework stipulated for the licensure area (with a minimum grade of a C); teaching will be obtained by demonstrating successfully functioning in an urban classroom; receiving a satisfactory evaluation of performance by a mentor, university supervisor, and building administrator; state required licensing exams and required course and portfolio requirements.

Checkpoint #1

- Successful completion of Praxis Core exams
- Grade of C or higher in required Content Area courses
- No more than 9 hours of required Content Area coursework uncompleted
- Cumulative GPA of 2.5 or higher

These two courses must be taken sequentially: :

- EDUC S508 I Problems in Secondary Education (Spring only)
- EDUC S508 II Problems in Secondary Education (Fall only)

These courses can be taken as they are offered:

- EDUC S510 Methods of Teaching in Secondary Urban
- EDUC P507 Assessment in Schools
- EDUC T550 Culture & Community Forces in the Schools
- EDUC K505 Introduction to Special Education for
- EDUC M501 Laboratory/Field Experience
- EDUC L517 Content Reading and Literature

Checkpoint#2

- Completion of IDOE-required licensure exams
- Grade of C or higher in all required EDUC courses
- Grade of C or higher in all required Content Area courses
- Cumulative GPA of 3.0 or higher

The following 2 courses:

- EDUC M550 Student Teaching Secondary
- EDUC W 531 Technology for Teaching and Learning

Checkpoint #3

- Successful completion of Student Teaching
- Grade of C or higher in all required EDUC courses
- Cumulative GPA of 3.0 or higher

P-12 Visual Arts Education

The undergraduate Initial License programs in Visual Arts Education at IU Northwest are designed to prepare effective educators to work in a variety of school settings. Candidates in this program are provided opportunities to learn and practice the knowledge, skills, and dispositions needed to become effective visual arts teachers.

Undergraduate candidates earn a Bachelor of Science in Education: Visual Arts degree, which prepares them to teach art at all grades (P-12).

Visual Arts

Required Courses for P-12 Visual Arts Education

Candidates can earn a license in all grades P-12. Field and clinical experiences are at the appropriate levels for licensure.

Required General Education Courses (35 cr.) include Language Arts (6 cr.), Mathematical, Physical and Life Sciences (11 cr.), Social and Behavioral Sciences (6 cr.), Arts and Humanities (6 cr.), and Cultural and Historical Studies (6 cr.) with at least one course in minority studies.

At a minimum, 12 credit hours are required in the area of educational foundations prior to admission to the Teacher Education Program. Courses deemed appropriate for meeting the educational foundations requirements (12 cr.) include EDUC-F200 Examining Self as Teacher (3 cr.), EDUC-W200 Using Computers in Education (3 cr.), EDUC-P250 Educational Psychology (3 cr.), EDUC-K205 Introduction to Exceptional Children (3 cr.) and EDUC-H340 Education and American Culture (3 cr.).

Once admitted to the Teacher Education Program (TEP), candidates complete the program in four semesters of full-time study, beginning in the fall session. Professional Education courses are taken after admission to the Teacher Education Program and are sequenced into four blocks. All required Professional Education courses must be completed with a grade of C or better before a student can continue in the program. These courses are sequential and must be completed in order.

Visual Arts Content Area Requirements (31 credits)

Art History: FINA A101 Ancient/Med. Arts, FINA A102 Rena/Modern Arts

Studio Art: FINA F100 Fund. Drawing, FINA F101 Studio 3D, FINA F102 Studio 2D, FINA S230 Painting 1, FINA S240 Printmaking, FINA S200 Drawing 1, FINA S270 Sculpture 1, FINA S260 Ceramics 1, Approved Elective > 300 level 1 to 3 credits

Teacher Education Program: (45 credits)

Block 1 Fall EDUC-M201 Field Experience, EDUC M311 Creating Learning Environments, EDUC H340 Education & American Culture

Block 2 Spring EDUC – M301 Field Experience, EDUC M314 General Methods, EDUC – M330 Art Ed. Methods 1, EDUC M469 Content Literacy

Block 3 Fall EDUC M304 Field Experience, EDUC M430 Art Ed Methods II, EDUC P407 Assessment, EDUC – M300 Teaching in a Pluralistic Society

Block 4 Spring EDUC M425 Student Teaching (Elementary), EDUC M480 Student Teaching (Secondary), EDUC W310 Integrating Tech into K-12

TSAP in Education (BSED)

Completion of an eligible AS or AA degree at Ivy Tech or Vincennes may put you on a Single Articulation Pathway to a BA or BS at IU Northwest, without a loss of credit hours.

For more information on the TSAPs in Education see Single Articulation Pathways - Indiana University Northwest.

Minor in Sports Management

The minor in Sports Management will provide evidence that the student who is seeking a position in this field will have had the course work and experience that will provide to an employer that the candidate has the fundamental skills to assist in the management of a sports facility. This academic program was developed based on the recommended key content areas of sport management – the Common Professional Component (CPC) of the Commission on Sport Management Accreditation.

Degree course requirements:

HPER- P333 Sport in America Historical Perspective

HPER - P211 Introduction to Sports Management

HPER - P331 Planning and Operations of a Sports Facility

HPER - P418 Sport Marketing

HPER - P411 Legal Issues in Sport Settings

HPER - P423 Financial Principals of Sports

HPER - P439 Practicum in Sport Studies

M.S. in Education

The Graduate Program is divided into the following categories:

- *Advanced Programs:*
 - Master of Science in Elementary Education
 - Master of Science in Secondary Education
 - Master of Science in Educational Leadership
- *Graduate Licensure Programs:*
 - UTEP-Option I: Elementary Education
 - UTEP—Option II: Secondary Education majors
 - Special Education: Mild Intervention (P-12)
 - Visual Arts Education

Graduate students who are working toward a master's degree must maintain at least a 3.0 (B) cumulative grade point average. Students who are working toward an initial teaching license must maintain at least a 2.5 cumulative grade point average.

Graduate Study—General Information

The advanced programs at the School of Education are built on two models: The *Lead Teacher* and the *Professional Leader*. Both models have research-based conceptual frameworks.

The Lead Teacher model has five program outcomes:

- Teacher effectiveness
- Information technologies
- Curriculum design and delivery
- Education equity

- Leadership

The Professional Leader model has six program outcomes:

- A Vision of Learning;
- School Culture and Instructional Program;
- Management;
- Collaboration with Families and Community;
- Integrity, Fairness, and Ethical Behavior;
- Political, Social, Economic, Legal, and Cultural Context

Before completing either program, each student shall complete a portfolio demonstrating mastery of the program outcomes.

Portfolios consist of required artifacts. In order to successfully complete portfolio requirements, each artifact must have received a passing score.

Admission

Admission to Graduate Study

Students interested in graduate study should obtain the application materials from the Office of Education Student Services. All official transcripts required for application purposes must be sent directly from the originating institution to the Office of Education Student Services. Indiana University students need not provide a transcript. Admission to all graduate licensure programs also require the passing of specific Indiana Department of Education licensing exams. See the Office of Education Student Services for the names and code numbers of the required exams in specific areas of study.

Foreign students and students with non—U.S. institutional degrees must contact the Office of Admissions at Indiana University Northwest.

Students may be able to transfer some courses taken at other campuses or universities. The school transfer policy appears earlier in this bulletin.

Admission to the School of Education expires upon receipt of a degree, the completion of special admission work, or when no work has been completed on this campus in a period of seven calendar years. Students must then reapply for admission.

Admission to graduate study does not necessarily imply admission to a degree program. If a student is admitted to a degree program, this will be specifically indicated in those courses required for the degree.

Requirements

To be admitted into the program for the Master of Science degree in Elementary or Secondary, or Educational Leadership at Indiana University Northwest, the candidate must successfully meet multiple criteria for demonstrating preparedness for study. While candidates may enroll in graduate-level education courses before being formally admitted into the master's program, no more than 12 such credit hours of appropriate graduate course work may be applied to the master's degree program.

Candidates for admission to the master's degrees in education must:

- Have a baccalaureate degree from an accredited institution with a cumulative grade point average of

at least 2.50 on a 4.0 scale and provide transcripts to that affect.

- Hold a valid teacher's license.
- Submit two letters of reference from K-12 school officials.

Semester Load

Full-time work generally consists of 8 credit hours each semester. The maximum load for either summer session is 9 credit hours. It is recommended that a person who is employed full time take no more than 6 credit hours of academic work during any regular semester.

Good Standing

Graduate students not accepted into graduate-level programs must maintain a cumulative GPA of at least 2.5, while those who are working toward a license or master's degree must maintain at least a 3.0 (B) cumulative grade point average in those graduate courses leading to the license or degree. No course with a grade of C- or lower may be used for meeting the requirements of a new license, license addition, or a master's degree.

Probation

Students who do not maintain good standing are placed on strict academic probation and remain on probation until their grade point average returns to the good standing level. Students on probation when they complete program or degree requirements will not be recommended for that program or degree.

If students fail to make progress in the removal of academic deficiencies during the following semester, their eligibility to enroll in any additional course work through the School of Education shall be dismissed. If dismissed, the students are placed on the all-university checklist. They are then not eligible to enroll in courses through the School of Education.

Credit Transfer Policies

Credit transfer is administered by the graduate advisor with the advice of appropriate faculty, including the student's faculty advisor. Formal appeals of decisions and the consideration of requests for exceptions to existing policy are provided for by a standing committee of the faculty of the SOE.

Credit transfers for a course must not be confused with performance criteria for a degree, certificate, license or addition. Most programs of the SOE require performance criteria that are evidenced by a portfolio. Course completion or credit transfer does not, by itself, constitute meeting performance criteria. Performance criteria (portfolio artifacts) required for certificates, licenses or additions must be demonstrated after acceptance into the school. Academic work from a regionally accredited college or university for which a student grade is at or above the level of C may be transferred for credit but will be transferred for program requirements subject to the following conditions.

- Undergraduate or graduate students who have successfully completed any course at any other Indiana University campus that is part of a program at IUN will receive full credit for that course. Products or performances that are required for any academic objective at IUN must however still be demonstrated. Assistance toward meeting performance criteria at IUN is provided, in part,

through enrolling and completing credit courses. A student who has transferred such course credit will be given assistance as may be needed toward meeting performance criteria by being allowed to attend the course at IUN without having to re-enroll or pay tuition for it. Similar arrangements may be possible for other transfer students. These will be considered on a case-by-case basis.

- Except as noted below, two-thirds of the credits for any graduate degree, license or certificate program but including all related student teaching or other required practicums must be completed after being formally admitted to that program within the SOE at IUN. Graduate students in good standing from another IU campus who have been formally admitted to a degree, license or certificate program that is also available at IUN may transfer in all but one-fourth of the same or similar program credit requirements at IUN before being awarded the degree, license or certificate. However, the transferred credit may not include student teaching or other required practicum, and performance criteria required at IUN must still be demonstrated.
- Acceptance into a degree, license, or addition program must be accompanied with an approved program of studies that has been validated by appropriate faculty and certification advisors within the SOE at IUN.
- Guest students, or students who are seeking personal, short-term objectives such as license renewal or self-development, are not normally affected by transfer of credit issues at IUN. The Student Admission and Reinstatement Committee of the SOE will consider any such cases on a case-by-case basis. However, the transferability of any IUN course or other experience to a program at another institution, within or outside of the Indiana University School of Education, is entirely the responsibility of the guest or short-term student.

Exit Requirements

An application for a graduate degree should be completed and filed in the Office of Education Student Services one semester before the degree is to be granted. Application forms are available from that office.

Candidates for the Master of Science degree in Elementary, Secondary or Educational Leadership education must satisfactorily complete a portfolio consisting of at least one artifact for each of the program outcomes.

- The student must have been admitted unconditionally to the master's degree program, or, if allowed to enter conditionally, must have removed the conditions satisfactorily.
- The student must complete a minimum of 33 credit hours of graduate courses that are appropriate to the particular master's degree program. All work to be applied toward the degree must be completed within six calendar years from the date when the grade is received in the first course that is to be used toward the degree.
- Credit acquired in courses taken by correspondence will not apply toward degree requirements unless approved by the Director of Education Student Services and the student's graduate advisor.

- The student must have a cumulative grade point average of at least a 3.0 in those courses required for the degree.

Major Requirements

Master of Science in Education with Major in Elementary or Secondary Education Course Requirements

- EDUC A510 School/Community Relations (3 cr.)
- EDUC A512 Curriculum for K-12 Educational Leaders (3 cr.)
- EDUC A530 Statistical Data for Educational Leaders (3 cr.)
- EDUC H637 Race, Class, and Gender Issues in Education (3 cr.)
- EDUC J511 Methods of Individualizing Instruction (3 cr.)
- EDUC P570 Managing Classroom Behavior (3 cr.)
- EDUC R503 Application of Instructional Media and Technology (3 cr.)
- EDUC Y520 Strategies for Educational Inquiry (3 cr.)
- EDUC W505 Masters Portfolio Preparation (3 cr.)
- Two advisor-approved electives (3 cr.)

Elementary Education: Urban Option

Pre-requisites:

Mathematics/Science: 1 Math course at or above college level

1 Science course with a lab

English: 1 course in English composition

At or above the 200 level

1 course in English Literature

Social Studies: 1 course in U.S. History

1 course in Economics, Geography

Or Government

Checkpoint 1: Passage of Praxis CORE exam G.P.A. at or above 2.5

Education Courses with the first four blocks

EDUC-S 508 - Classroom Management

EDUC-P 510 - Psychology in Teaching

EDUC-S 516 - Science

EDUC-E 541 - Math

EDUC-K 505 - Introduction to Special Education

EDUC-E 545 - Reading

EDUC-E 100 - Methods of Teaching Physical Education

EDUC-M 323 - Methods of Teaching Art

EDUC-M 333 - Methods of Teaching Music

EDUC-E 547 - Social Studies

EDUC-E 549 - Language Arts - Literature and Writing emphasis

Checkpoint #2: Admission to Student Teaching G.P.A. at or above 3.0 Passage of Indiana CORE and Licensing exams

Student Teaching Block

EDUC-M 550 - Student Teaching

EDUC-T 550 - Culture/Community Forces & Schools

Checkpoint 3: Licensure G.P.A. at or above 3.0 No unresolved dispositional deficiencies Completion of all UTEP classes

Secondary Education: Urban Option

Completers of Option II of the Urban Teacher Education Program, when accepted into this program, may apply 24 credits of graduate courses from that program toward their degree requirements.

In addition, the students must then take:

Course Requirements

- EDUC A530 Statistical Data for Educational Leaders (3 cr.)
- EDUC Y520 Strategies for Educational Inquiry (3 cr.)
- EDUC R503 Application of Instructional Media and Technology (3 cr.)
- EDUC W505 Masters Portfolio Preparation (3 cr.)

Graduate Visual Arts Education Program Degree Requirements

The Graduate Initial License Program in Visual Arts is offered through the Urban Teacher Education Program (UTEP). The UTEP program is experience-rich, field-based, and leads to teacher licensing in Visual Arts. The UTEP track is designed for individuals who possess a bachelor's degree from accredited institutions in subjects other than education with at least a 2.5 grade point average and appropriate coursework in Visual Arts.

To be admitted to UTEP at IU Northwest, students must complete advising checkpoint #1 with the Director of UTEP and apply to the program.

To pass checkpoint #1 students must have a minimum cumulative GPA of 2.50, a minimum visual arts content GPA of 2.50 and all content courses must be completed with a grade of C or better.

Upon entrance to UTEP, no more than 9 credit hours of the required 60 credit hours in visual arts content may remain incomplete. Candidates must have successfully passed all three CASA tests and completed a criminal background check. Admission to UTEP is in the spring semester only. Once admitted to the UTEP program in Visual Arts, candidates complete the program in four semesters of full-time study, beginning in the spring session.

Successful completion of the 27-credit hour UTEP Visual Arts program will lead to an initial teaching license in Secondary Education: Visual Arts for grades P-12. Professional Education courses are taken after admission to the Teacher Education Program and are sequenced into four blocks. All required Professional Education courses must be completed with a grade of C or better and a graduate GPA of 3.0 must be maintained to continue in the program.

Professional Education courses are sequential and must be completed in order. These two classes must be taken prior to other courses in this program.

- EDUC S508 I Problems in Secondary Education
- EDUC S508 II Visual Arts Methods in the Urban Classroom (3 cr.) (Elementary and Middle School Methods).

These courses may be taken as available in the course program schedule

- EDUC-S510 Methods of Teaching in Secondary Urban Schools (3 cr.), an elementary or middle school field placement in an urban school

The Second Block of the educational sequence contains 9 credits of professional educational courses including:

- EDUC-P507 Assessment in Schools (3 cr.)
- EDUC-T550 Cultural/ Community Forces and the Schools (3 cr.), and EDUC-K505 Introduction to Special Education (3 cr.).
- EDUC-M501 Field Experience in Urban Classrooms (3 cr.) which is a secondary field placement and EDUC-S508: Visual Arts Methods in the Urban Classroom. (Secondary Methods) (3 cr.).
- EDUC-L517 Advanced Study of Content Reading and Literature (3 cr.) and EDUC-M550 Student Teaching (3 cr.).
- Candidates complete two consecutive 8-week placements, which consist of an 8-week placement in a middle school, and an 8-week placement in a high school.

Candidates must pass through Checkpoints at critical decision points and must meet grade, GPA, portfolio, disposition, CASA, and SPA assessment requirements before moving forward in their program.

Master of Science in Elementary or Secondary Education: Special Education Focus

This option is not limited to completers of the graduate Special Education Program. However, those students, after being accepted into this program, may apply graduate courses taken in that program toward degree requirements in this program.

Course Requirements

27 credit hours from the following courses as approved by your faculty advisor

- EDUC K501 Adaptive Computers for Special Education (3 cr.)
- EDUC K505 Introduction to Special Education (3 cr.)
- EDUC K520 Introduction to Emotional Disabilities (3 cr.)
- EDUC K525 Introduction to Mild Disabilities (3 cr.)
- EDUC K555 Reading Assessment and Instruction in Special Education (3 cr.)
- EDUC A510 School/Community Relations (3 cr.)
- EDUC H637 Race, Class, and Gender Issues in Education (3 cr.)
- EDUC P570 Managing Classroom Behavior (3 cr.)
- EDUC A530 Statistical Data for Educational Leaders (3 cr.)
- EDUC A512 Curriculum for K-12 Educational Leaders (3 cr.)
- EDUC K535 Assessment and Remediation of Mild Disabilities I (3 cr.)
- EDUC K543 Education of the Socially and Emotionally Disturbed (3 cr.)
- EDUC P519 Psychological Assessment of Exceptional Children (3 cr.)
- EDUC K536 Assessment and Remediation of Mild Disabilities II (3 cr.)

- EDUC J511 Methods of Individualizing Instruction (3 cr.)
- EDUC R503 Application of Instructional Media and Technology (3 cr.)
- EDUC P570 Managing Classroom Behavior (3 cr.)

And the following two courses

- EDUC Y520 Strategies for Educational Inquiry (3 cr.)
- EDUC W505 Masters Portfolio Preparation (3 cr.)

Master of Science in Educational Leadership

This master's degree is recommended for licensed classroom teachers who wish to earn a building level administrator's license. All required courses must be completed with a grade of B or higher.

33 credit hours from the following courses as approved by your faculty advisor.

Course Requirements

- EDUC A500 School Administration (3 cr.)
- EDUC A510 School/Community Relations (3 cr.)
- EDUC A512 Curriculum for K-12 Educational Leaders (3 cr.)
- EDUC A530 Statistical Data for Educational Leaders (3 cr.)
- EDUC A540 Elementary and Secondary School Administration (3 cr.)
- EDUC A608 Legal Perspectives in Education (3 cr.)
- EDUC A670 Supervision of School Instruction (3 cr.)
- EDUC A675 Leadership in Special Education (3 cr.)
- EDUC P514 Life Span Development (3 cr.)

Total (27 cr.)

Capstone Experience:

- EDUC A695 Practicum in School Administration—Fall Semester
- EDUC A695 Practicum in School Administration—Spring Semester

Total (6 cr.)

The School Administrator-Building Level Exam must be taken and passed before students may begin the second semester of EDUC A695.

Licensing

Completion of requirements for any master's degrees does not necessarily imply that students have met requirements for state licensing. If students want both the degree and licensing, they should contact the graduate advisor to have an appropriate program of study prepared.

M.S. Ed. in Teaching, Learning and Curriculum (Online)

The MSED in Teaching, Learning, and Curriculum offers instruction in current and innovative practices being explored in the fields of teaching and curriculum. This program may be of special interest to those in education aspiring to advanced positions and leadership roles.

As a student in this program, you gain the knowledge, skills, and experience necessary to design a curriculum that demonstrates equitable learning opportunities for all learners. You critically analyze research-based practices and their effectiveness across multiple contexts. You design and implement an empirical study on teaching,

learning, and curriculum. You synthesize information and evidence to make informed decisions regarding effective, ethical pedagogy.

Program Learning Outcomes

Learners will develop and demonstrate over the course of the program the knowledge, skills, and dispositions to:

1. Design curriculum that demonstrates equitable learning opportunities for diverse learners.
2. Critically analyze information associated with research-based pedagogies and their use across multiple contexts.
3. Design and implement an empirically-based study associated with teaching, learning, and curriculum for the purpose of learning to use evidence to make informed decisions regarding effective pedagogy.

Degree Components and Required Coursework

This 30-credit hour master's degree will include three sub-components:

- o Teaching, Learning, and Curriculum Core – (TLC Core) (15 cr)
- o Teaching, Learning, and Curriculum Tracks – (TLC Tracks) (12 cr)
- o Teaching, Learning, and Curriculum Capstone – (TLC Capstone) (3 cr)

To earn the M.S.Ed. in Teaching, Learning, and Curriculum students must complete the three degree components and all required coursework:

I. M.S.Ed. in Teaching, Learning, and Curriculum—Core (6 courses/18 cr)

- 1) Curriculum – EDUC J500 – Instruction in the Context of Curriculum
- 2) Choose one of the following two Equity for Learning courses:
A. EDUC E555 – Human Diversity in Education, or
B. EDUC J655 – Seminar in Multicultural and Global Education
- 3) Teaching for All Learners – EDUC J501 Strategies for Teaching, Learning, and Curriculum
- 4) Assessment and Evaluation – EDUC J502
- 5) Inquiry – EDUC Y520 – Strategies for Education Inquiry

II. M.S.Ed. in Teaching, Learning, and Curriculum—Tracks (4 courses / 12cr)

Each track is composed of a set of four interdisciplinary courses offered across teaching, learning, and curriculum that reflect the anticipated needs and interests of M.S.Ed. in Teaching, Learning, and Curriculum students. Courses will be taught by curriculum and instruction faculty with faculty in different specializations offering courses on occasion.

A. Early Childhood Care and Education

1. Take the following 3 classes:
EDUC E506 Curriculum in Early Childhood
EDUC E525 Advanced Curriculum Study in Early Childhood
EDUC P515 Child Development

2. One course selected from one of the other TLC tracks

B. STEM and Arts Innovations

1. Take the following 3 classes:
EDUC S504 Introduction to STEM Teaching
EDUC Q528 Making for Learning
EDUC Z501 Art Methods for Non-Art Specialist Educators
2. One course selected from one of the other TLC tracks

C. Teacher Leadership and Instructional Coaching

1. Take the following 3 classes:
EDUC J503 Teacher Leadership and Instructional Coaching
EDUC A510 School Community Relations
EDUC A629 Continuous Improvement and Data-Informed Decision-Making
2. One course selected from one of the other TLC tracks

D. Educating Exceptional Learners

1. Complete the following 3 classes:
EDUC W551 Education Foundations for High Ability Students
EDUC K553 Management of Academic and Social Behavior
EDUC L524 Language Education Issues in Bilingual and Multicultural Education
2. One course selected from one of the other TLC tracks

III. M.S.Ed. in Teaching, Learning, and Curriculum—Capstone (1 course / 3 cr)

1. Complete:
EDUC J597 Teaching, Learning & Curriculum Capstone

M.S. in Educational Technology for Learning (ONLINE)

The M.S.Ed. in Educational Technology for Learning will engage students in a technology-infused curriculum that requires them to use and evaluate a wide-variety of digital tools used in educational environments. Students will consider how they can teach differently in the technology-enhanced environment. The curriculum of the M.S.Ed. in Educational Technology for Learning connects theory to practice, preparing educators to design learning experiences that promote creativity and active learning through the integration of digital tools. It prepares professionals to critique the current educational technology innovations and related research and immerses them in learning engagements that promote global connections, instant feedback, and communication with authentic audiences.

The IU collaborative M.S.Ed. in Educational Technology is offered as 100% online asynchronous degree.

Program learning goals and outcomes:

Graduates from the Technology for Learning M.S. Ed program will be able to:

1. Design, support, and facilitate inclusive and accessible K-12 educational learning environments with technology (e.g. culture, ability, language, background).
 - a. Synthesize research in the field of educational technology to develop deeper knowledge and work within

frameworks of understanding innovative practices, their strengths and weaknesses, and their opportunities and barriers in a K-12 setting.

- b. Evaluate and utilize technology tools and resources for K-12 learning, including social media.
 - c. Design K-12 curriculum for different methods such as student-centered learning drawing upon a wide range of educational purposes including building deeper understandings, practicing skills, and working for social justice.
 - d. Design technology-integrated instruction that promotes digital citizenship, media literacy, and computational thinking.
 - e. Design, develop, and evaluate instruction to facilitate learning in K-12 face-to-face and online environments.
2. Develop the skills and dispositions to become a leader in incorporating technology into K-12 learning environments.
 - a. Formulate a rationale/vision for infusion of technology into K-12 learning environments based on established educational theory and research for a range of educational purposes including building deeper understandings, practicing skills, and working for social justice.
 - b. Make use of a range of data to inform the evaluation and revision of technology-rich learning environments.
 - c. Participate in and document involvement in collaborative, reflective learning communities.
 - d. Build appropriate activities and tools for professional development and program evaluation.
 - i. Conduct needs assessments to inform the content and delivery of technology-related professional learning programs that result in a positive impact on student learning
 - ii. Design, develop, and implement technology rich professional learning programs that model principles of adult learning and promote digital age best practices in teaching, learning, and assessment.
 - iii. Model technology-enhanced learning experiences using a variety of research-based, student-centered instructional strategies and assessment tools to address the diverse needs and interests of all students.
 - iv. Evaluate results of professional learning programs to determine the effectiveness of her content knowledge, improving teacher pedagogical skills and/or increasing student learning.

Degree Requirements

To earn the degree students will complete twelve courses for 36 overall credit hours. The required courses fall into the following four categories:

I. Foundations coursework – Three courses/9 credits

1. Instruction in the Curriculum

EDUC-J 500 Instruction in the Context of the Curriculum

2. Assessment (complete one of the following)

EDUC-P 507 Assessment in Schools

3. Diversity and Inclusive Teaching (complete one of the following)

EDUC-H 520 Social Issues in Education or
EDUC-T 531 Organizational Change in Culturally and Linguistically Diverse Schools or
EDUC-J 511 Differentiated Instruction

II. Inquiry and Research – Three courses/ 9 credits

1. EDUC-Y 520 Strategies for Education Inquiry
2. EDUC-Y 510 Research and Technology in Schools or Action Research 1
3. EDUC-W 590 Individual Research in Computer Education – Capstone

(Students must complete Y510 and Y520 prior to registration in W590)

III. Technology in Education Core – Four courses/12 credits

1. EDUC-W 531 Technology for Teaching and Learning,
2. EDUC-W 520 Planning for Technology Infrastructure,
3. EDUC-W 515 Technology Leadership and Professional Development.
4. EDUC-W 540 Technology-Infused Curriculum

IV. Education Technology Electives—Two courses/6 credits (Choose two from the following list)

EDUC-W 550 Current Technology Trends – Specific Topics Check with your advisor
EDUC-K 510 Assistive Techniques in Special Education
EDUC-R 505 Workshop In Instructional Systems Technology; VT: Computer-Based Teaching
EDUC-R 547 Computer-Mediated Learning
EDUC-W 505 Professional Development Conference—Specific Topics Check with your advisor

Graduate Certificate in District Level Administration in Urban Settings (ONLINE)

The GC DLAUS (ONLINE) will provide individuals who already hold a post-master's degree with a direct path to meet Indiana's District Level Administration standards. Individuals with an M.S.Ed. or related master's degree should be advised to apply to the Ed.S. in Educational Leadership in Urban Settings.

1. Mission, Vision, & Improvement of Schools (3 cr)

EDUC-A671 Planning and Change in Educational Organizations

1. Ethics & Professional Norms (3 cr)

EDUC-A615 Advanced School Law

1. Equity, Inclusiveness, & Cultural Responsiveness (3 cr)

Students complete one of three options:

EDUC-T531 Organizational Change in Cultural and Linguistically Diverse Schools

EDUC-A675 Leadership in Special Education

EDUC-J655 Seminar in Multicultural and Global Education

1. Learning & Instruction (3 cr)

EDUC-J630 Curriculum Theory and Practice

1. Community & External Leadership (3 cr)

EDUC-T550#Cultural#and#Community#Forces#and#the#Schools

1. Operations & Management (3 cr)

EDUC-A653 Organizational Context of Education

1. Policy, Governance, & Advocacy (3 cr)

EDUC-A672 Moral Dimensions of Leadership

1. Internship (3 cr)

EDUC-A785 Internship in Educational Leadership

Ed.S. Educational Leadership (ONLINE)

The IU collaborative Ed.S. in Educational Leadership will provide current and future school leaders with the knowledge base, technical, and interpersonal skills they need to provide effective and visionary leadership, so they can empower all stakeholders and promote excellence in education in an era of evidence-based accountability.

Target Audience—Ed.S. Educational Leadership

This degree will serve individuals interested in completing the requisite graduate education to qualify for building- and/or district-level administrative licenses. Among these individuals, we anticipate two distinct audiences.

Students with a Bachelor's degree and two years of classroom teaching experience can enter the program directly and earn an Ed.S. in Educational Leadership after completing 60 hours of graduate coursework in Educational Leadership.

Students who hold an advanced post-baccalaureate degree (i.e. JD, MPA, M.S., etc.) or Master's degree in Educational Leadership can apply up to 30 credit hours of coursework towards satisfaction of requirements in the collaborative Ed.S. in Educational Leadership program. Students possessing an I.U. degree may apply up to 36 credit hours.

In all cases, the first step to achieving building- and district-level administrative license is to first earn an instructional license and comply with state regulations.

Program Goals and Learning Outcomes—Ed.S. Educational Leadership

Learning Outcomes for the IU Collaborative Ed.S. in Educational Leadership align to National Educational Leadership Preparation District-Level standards (now NELP, formerly ELCC) as promulgated by the National Policy Board for Educational Administration.

Upon completion of the IU Collaborative Ed.S., graduates will understand and demonstrate an ability to:

1. Ed.S. LO/NELP Std: Mission, Vision, and Improvement
 - Promote current and future success and well-being of all students.

- Apply the knowledge and skills to collaboratively lead, design, and implement a district mission, vision, and process;
 - Foster continuous improvement at the district-level that reflects a core set of values and priorities that
 - include data use, technology, values, equity, diversity, digital citizenship, and community.
2. Ed.S. LO/NELP Std: Ethics and Professional Norms
 - Advocate for ethical decisions and cultivate professional norms and culture.
 3. Ed.S. LO/NELP Std: Equity, Inclusiveness, and Cultural Responsiveness
 - Develop and maintain a supportive, equitable, culturally responsive, and inclusive district culture.
 4. Ed.S. LO/NELP Std: Learning and Instruction
 - *Evaluate, design, cultivate, and implement coherent systems of curriculum, instruction, data systems, supports, assessment, and instructional leadership.
 5. Ed.S. LO/ NELP Std: Community and External Leadership
 - Engage families, communities, and other constituents in the work of schools and the district and to advocate for district, student, and community needs.
 6. Ed.S. LO/NELP Std: Operations and Management
 - *Develop, monitor, evaluate, and manage data-informed and equitable district systems for operations, resources, technology, and human capital management.
 7. Ed.S. LO/NELP Std: Policy, Governance, and Advocacy
 - Cultivate relationships, lead collaborative decision-making and governance, and represent and advocate for district needs in broader policy conversations.
 8. Ed.S. LO/Std: Internship
 - Synthesize and apply the knowledge and skills identified in NELP Standards 1–7 in ways that approximate the full range of responsibilities required of district-level leaders and enable them to promote the current and future success and well-being of each student and adult in their district.

Required Coursework

The overall curriculum for the IU collaborative Ed.S. in Educational Leadership meets NELP district-level standards. At the course level, it aligns with Indiana Department of Education standards for the Building-Level Administrator and District-Level Administrator licensure requirements.

Program Components and Credit Breakdown—Ed.S. Educational Leadership

Part I: BLA Requirements Credit Total = 24
 Part II. DLA Requirements Credit Total = 27
 Part III. Electives and Leadership Seminar = 9
 Ed.S. total credits = 60

Degree Requirements

To earn the Ed.S. in Educational Leadership students must complete the following degree components and required coursework:

Part I: Building-Level Administrator Coursework

1. Mission, Vision, & Improvement of Schools (3 credits)
 - EDUC-A500 Intro Ed Leadership
2. Ethics & Professional Norms (3 credits)
 - EDUC-A608 Legal and Ethical Perspectives on Education
3. Equity, Inclusiveness, & Cultural Responsiveness (3 credits)
 - EDUC-H520 Education and Social Issues
4. Learning & Instruction (6 credits)

Students complete two courses:

 - EDUC-J500 Instruction in Context of Curriculum
 - EDUC-A624 Educational Leadership: The Principal K-12
5. Community & External Leadership (3 credits)
 - EDUC-A510 Community School Relations
6. Operations & Management (3 credits) Students complete one of two course options:
 - EDUC-A630 Economic Dimensions of Education
 - EDUC-A635 Public School Budgeting
7. Building Professional Capacity (3 credits)
 - EDUC-A515 Educational Leadership: Teacher Development and Evaluation
8. Internship (3 credits)
 - EDUC-A695 Practicum in Educational Leadership

Part II: District Level-Administrator Requirements

1. Mission, Vision, & Improvement of Schools (3 credits)
 - EDUC-A671 Planning and Change in Educational Organizations
2. Ethics & Professional Norms (3 credits)
 - EDUC-A615 Advanced School Law
3. Equity, Inclusiveness, & Cultural Responsiveness (3 credits)

Students complete one of three options:

 - EDUC-T531 Organizational Change in Cultural and Linguistically Diverse Schools
 - EDUC-A675 Leadership in Special Education EDUC-J655 Seminar in Multicultural and Global Education
 - EDUC-J655 Seminar in Multicultural and Global Education
4. Learning & Instruction (3 credits)
 - EDUC-J630 Curriculum Theory and Practice
5. Community & External Leadership (3 credits)

• EDUC-T550 Cultural and Community Forces and the Schools

6. Operations & Management (3 credits)

Students complete one of two course options:

• EDUC-A653 Organizational Context of Education

7. Policy, Governance, & Advocacy (3 credits) Students complete one of two course options:

• EDUC-A672 Moral Dimensions of Leadership

8. Internship (3 credits)

• EDUC-A785 Internship in Educational Leadership

9. Leadership Seminar/ Project /Thesis (3 credits)

Students complete one of two course options:

• EDUC-A680 Educational Specialist Seminar (Educational Leadership)

• EDUC-A754 Seminar in Research in Educational Leadership

10. Collaborative Ed.S. Electives (two classes/six credits to reach 60 overall credits)

Students may complete any two courses from the following list:

• EDUC-A530 Statistical Data for Educational Leadership

• EDUC-Y502 Intermediate Statistics Applied to Education

• EDUC-A629 Continuous School Improvement and Data-Informed Decision Making

• EDUC-A590 Independent in Educational Leadership

• EDUC-Y510 Action and Research I

• EDUC-P540 Learning and Cognition in Education

• EDUC-P507 Assessment in Schools

Graduate Certificate in Teaching English Learners (ONLINE)

The IU Online Collaborative Graduate Certificate in Teaching English Learners (GC-TEL) is a license addition program that will provide Indiana teachers with the knowledge and training needed to promote English Learners' achievement in a culturally sustaining manner.

This program will serve PreK-12 teachers by providing educator preparation coursework meeting the 2010 Indiana Department of Education's English Learners (EL) Content Standards for Educators. The certificate may also allow out-of-state students to meet English Learner teacher standards and educational licensure in their respective states.

This 100 percent asynchronous online collaborative program is taught by faculty at IU Bloomington, IU East, IUPUI, IU Kokomo, IU Northwest, IU South Bend, and IU Southeast.

Degree Requirements

Students must complete 18 credit hours of coursework as follows:

1. (Summer 2) EDUC-L 524 Language Education Issues in Bilingual & Multicultural Education#(3 credits)
2. (Fall taken concurrently) EDUC-L 521 Language & Literacy Foundations for Teaching ENL Teachers#(3 credits)
 1. Take concurrently with EDUC-L 570#Practicum in Language and Literacy#(1 credit)
3. (Spring taken concurrently) EDUC-L 503 Assessment Literacy for Cultural and Linguistic Diversity#(3 credits)
 1. Take concurrently with EDUC-L 571#Practicum in Cultural, Linguistic, and Assessment Profiles (1 credit)
4. (Summer1) EDUC-L 522 ENL Instructional Methods (3 credits)
 1. Take concurrently with EDUC-L 572 Practicum in Content-Based Instruction#(1 credit)
5. (Fall) EDUC-T 524 Diverse Perspectives on Families#(3 credits)

Licensing Programs

Initial licensing programs focus on helping students acquire the knowledge and skills necessary to become a reflective professional teacher. This program is based upon the School of Education's Reflective Professional model. The research-based conceptual framework for this model contains nine program outcome areas. They are:

- Communications Skills
- Higher-Order Thinking Skills
- Instructional Media Services and Technology
- Learning and Development
- School Culture and Diversity
- Instructional Design and Delivery
- Classroom Management
- Assessment and Evaluation
- Professional Development

A valid extended criminal background check is required of all students in these programs. Student portfolios must contain at least one artifact for each of the outcomes listed above. Each artifact must be scored at a 3 or better on a 4 point scale.

Graduate Licensing Programs in the SOE

To be admitted to a graduate licensure program, students must have a baccalaureate degree from an accredited institution with a cumulative grade point average of at least 2.50 on a 4.0 scale. Admission to all programs also requires the passing of required state licensing exams. Students are advised to visit the Office of Education Student Services to see which exams are required in their specific areas. All programs leading to a new license have portfolio requirements based on the Conceptual Framework for Initial Programs.

Urban Teacher Education Program - Option II

The Urban Teacher Education Program (UTEP) is experience-rich, field-based, and leads to teacher licensing in selected areas through undergraduate and graduate programs, Option I and Option II, respectively.

Option I is designed for undergraduates and offers a unique opportunity for those enrolled in the SOE to do a

yearlong experience in an urban professional development school and obtain certification in elementary education.

Option II is designed to attract the best and brightest non-education majors who desire to be urban teachers and who hold a baccalaureate degree from an accredited institution with a cumulative grade point average of at least 2.50 on a 4.0 scale. Successful completion of the program (licensure) requires completing all content area coursework stipulated for the licensure area (with a minimum grade of a C); teaching will be obtained by demonstrating successfully functioning in an urban classroom; receiving a satisfactory evaluation of performance by a mentor, university supervisor, and building administrator; state required licensing exams and required course and portfolio requirements.

Requirements

- EDUC S508: Content Area Methods in the Urban Classroom. Separate sections for English/ Speech/ Visual Arts/Mathematics/ Science/Social Studies (3 cr.)
- EDUC S510 Methods of Teaching in Secondary Urban Schools (3 cr.)
- EDUC K505 Introduction to Special Education (3 cr.)
- EDUC L517 Advanced Study in the Teaching of Reading in the Junior High and Secondary Schools (3 cr.)
- EDUC T550 Cultural/Community Forces and the School (3 cr.)
- EDUC M501 Field Experience in Urban Classrooms (3 cr.)
- EDUC S508 Content Area Methods in the Urban Classroom. Separate sections for English/ Mathematics/ Science/Social Studies/Visual Arts (3 cr.)
- EDUC P507 Testing in the Classroom (3 cr.)
- EDUC M550 Student Teaching (12 weeks) (3 cr.)

UTEP is committed to the development of "star" urban teachers as supported by the research on effective teaching in urban schools. The program ensures that preservice teachers are exposed to "best practice" in urban teaching, through the collaborative mentorship of school-based and university-based faculty members.

Graduates of the program are given "first consideration" in hiring by the urban districts of Gary, East Chicago, Hammond, Merrillville, and Lake Ridge.

Undergraduate Licensing Programs in the SOE

The following undergraduate licensing programs that lead to licensure are offered at IU Northwest.

- Elementary/Special Education: Teaching All Learners
- P-12 Visual Arts
- Secondary
 - Language Arts (English)
 - Mathematics
 - Science (Earth/Space Science, Chemistry, and/ or Life Science)
 - Social Studies (Economics, Government, Historical Perspectives, Psychology, Sociology)

- Modern Languages (French, Spanish)

Initial License in Exceptional Needs - Mild Intervention (P-12)

Only EDUC K505 and K555 may be taken by students before passing the Praxis Core Examinations.

Course Requirements (all courses are 3 credits):

- EDUC K505 Introduction to Special Education
- EDUC K555 Reading Assessment and Instruction for Special Education
- EDUC K501 Adaptive Computers for Special Education
- EDUC K520 Introduction to Emotional Disabilities
- EDUC K525 Introduction to Mild Disabilities
- EDUC K535 Assessment and Remediation of Mild Disabilities I
- EDUC K536 Assessment and Remediation of Mild Disabilities II
- EDUC K543 Education of Students with Emotional Disturbances
- EDUC M501 Field Experience in Special Education: Mild Disabilities
- EDUC M501 Field Experience in Special Education: Emotional Disabilities
- EDUC P519 Psychological Assessment of Exceptional Children
- One approved elective

The following 15-week practicum experience:

- EDUC K595 Practicum in Special Education

Prerequisites to Student Teaching or the Practicum in Special Education are completion of all other courses required for this program with a C or better, a cumulative grade point average of 3.0 for these program courses, completion of Portfolio requirements, and passing scores on the CORE exams.

Additions

Teachers may add certifications or licensure areas their Indiana teaching license. Requirements can be obtained in the Office of Education Student Services.

Building-Level Administrator License

Teachers may earn a building-level administrator's license through the Master's degree in Educational Leadership.

Conversion of a Standard Teaching License to a Professional Teaching License

See the School of Education Licensing Officer for requirements.

Transition to Teaching (T to T) in Special Education Program Description

Transition to Teaching (T2T) in special education program is a graduate license program that is a fast track cohort program to prepare teachers to be licensed in mild intervention (P-12). This program requires fewer courses than the traditional initial special education license program, thus can complete the license program quicker in three semesters. Because of fewer courses, the program requires higher performance (B or above grade for all of the program courses). After completion of licensure program, T2T students can earn a master's degree with two additional capstone courses.

Entrance Requirement: The applicants must meet the below entrance requirement of A or B to start T2T program.

(A) Bachelor's Degree with a 3.0 GPA

(B) Bachelor's Degree with GPA between 2.5 to 2.9 with 5 years of professional experience (5 years of professional experience only can be waived if the student passes licensure exams prior to entering the program)

Praxis Core exams are also required before entering the second sequence of the cohort.

Program Courses

Course Requirements (all courses are 3 credits):

Sequence 1

- EDUC-P514 Life Span Development: Birth to Death
- EDUC-K505 Introduction to Exceptional Children
- EDUC-K555 Assessment and Instruction of Reading In Special Education

Sequence 2 (Praxis Core Entrance Exams need to be passed before entering Sequence 2).

- EDUC-K543 Education of Students with Socially and Emotionally Disturbed
- EDUC-K535 Assessment and Remediation of Mild Disabilities
- EDUC-M501 Field Experience

Sequence 3 (Praxis Core Mild Intervention License Exams need to be passed before entering ST)

- EDUC-P595 Student Teaching in Special Ed
- EDUC-K519 Psychological and Educational Assessment of Exceptional Children

Capstone Courses for Master's Degree (2 courses, 6 credits)

- EDUC-Y520 Strategies for Educational Inquiry
- EDUC-W 505 Master's Capstone Seminar

Department of Labor Studies

Phone: (219) 980-6826

Web site: www.northwest.iu.edu/labor-studies

Associate of Science in Labor Studies (60 cr.)

Learning Outcomes

1. Defend an understanding of labor's role in local and global processes which shape and are shaped by reciprocal relationships of individuals, collectives, and social, cultural, economic, and political institutional structures.
2. Demonstrate a working knowledge of Labor Studies core concepts.
3. Demonstrate an understanding of the social, cultural, economic, and political institutional structures and their interactions as related to labor and its organization.
4. Evaluate the role of major theories that address the experience and meaning of labor in society.
5. Create strategies to sustain and strengthen the labor movement through a working knowledge of

challenges facing workers and organized labor in local and global communities.

The requirements for the Associate of Science degree program with a major in labor studies are as follows:

- Social and behavioral science (9 cr.)
- Arts and humanities (12 cr.)
- Required: ENG W131 (3 cr.)
- One additional writing course (3 cr.)
- Science and mathematics (6 cr.)
- Select One of the following
 - Required: one economics course
 - LSTU L230 Labor and the Economy
- Recommended:
 - one course in computer science, taken through any academic division, including Labor Studies

Total credit hours required in the major areas of learning (27 cr.)

The credit hours required in each area must be distributed over at least two subject fields in each area. A minimum of 27 credit hours from the list of labor studies courses; five must be core courses.

- 100- and 200-level courses are considered "core." LSTU L290, however, is not considered core.
- Electives in any area including labor studies (6 cr.)

Total credit hours required for the degree program (60 cr.)
Other requirements and limitations:

1. A minimum of 12 credit hours of the required 60 credit hours must be taken within the Indiana University system.
2. A minimum of 10 credit hours of course work accepted for the A.S. degree must be taken after the student has been admitted to Indiana University.
3. No more than 15 credit hours can be taken within a single subject other than labor studies.

Bachelor of Science, Major in Labor Studies (120 cr.)

Learning Outcomes

1. Develop and utilize a comprehensive knowledge of the discipline of Labor Studies to promote social and economic justice through collective action and democratic participation, eliminate oppressive structural barriers, and ensure equitable treatment for all.
 2. Demonstrate an understanding of the theories and concepts associated with Labor Studies.
 3. Demonstrate an understanding of the social, cultural, economic, and political institutional structures and their interactions as related to labor and its organization.
 4. Apply research methods and statistical analysis to examine complex labor and employment issues and associated societal problems.
 5. Prepare for career, future academic endeavors, and life-long learning through a series of academic, experiential, and service-learning opportunities.
- The IUN campus wide general-education curriculum (30cr.)

- Labor Studies Required Areas of Learning/ additional general education courses (24cr.)
- Labor Studies Major Concentration (24 cr.)
- Electives (27cr.)

Students seeking a bachelor's degree in labor studies must take 51 credit hours of general education courses to include:

- 30 credit hours from IU Northwest General Education Core courses
- 21 credit hours from the list of IUPUI general education courses
- 12 credit hours from the Labor Studies Required Areas of Learning

Required Areas of Learning (12 cr.)

To be completed within the General Education core courses (30cr.), or in the remaining general education courses (21cr.)

- ENG-W 131
- One additional 200/300 level writing course
- One economics course (LTSU-L230 Labor and the Economy meets this requirement)
- One computer course

Major concentration (42cr.)

The Labor Studies Concentration consists of 15 credit hours of 100/200 level courses and 27 credit hours of 200/300/400 level courses. There are no pre-requisites or co-requisite Labor Studies courses. Students can take the Labor Studies courses in any order, although, we do suggest logical progression (100 level, 200, level, 300 level, etc.).

Labor Studies 100/200 level courses (15cr.)

Labor Studies 200/300/400 level courses (27 cr.)

Additional General Education Courses (12cr.) Choose courses from any of the General Education Principle areas of study.

Electives (27 cr.)

The Bachelor of Science in Labor Studies degree requires 27 elective credit hours chosen at the student's discretion. Our recommendation is to take Labor Studies courses to strengthen your Labor Studies education.

Please note: Within the 120 credit hours required for the Labor Studies degree, students must have a minimum of 30 credit hours at the 300 or 400 level. In addition, concentration requirements must be completed with a grade of C- or higher. All courses are 3 credit hours, unless otherwise designated.

Minor in Labor Studies (15 cr.)

For a minor in Labor Studies, a student must take 15 credits in the discipline.

- 100-200 level Labor Studies courses except L199, L290, and L299 (6 cr.)
- Additional Labor Studies courses to be selected in consultation with Labor Studies faculty (9 cr.)

Certificate in Labor Studies (30 cr.)

The requirements for the Certificate in Labor Studies are as follows:

- A minimum of 3 credit hours in two of the required areas of learning and a minimum of 6 credit hours in the third major area (18 cr.)
- Required: one economics course or LTSU L230 Labor and the Economy
- Recommended: one course in computer science, taken through any academic division, including Labor Studies
- Arts and humanities (3 cr.)
- Social and behavioral sciences (3 cr.)
- Science and mathematics (3 cr.)
- Elective in any of the above areas (3 cr.)
- Exceptions: L190, L199, L290, and L299

Full Course List