

IU School of Health and Human Sciences

Our **Bachelor of Science in Health Sciences** allows students to explore a number of health-related disciplines and prepares for a wide variety of career options.

The School of Health and Human Sciences also offers two undergraduate certificates for students currently enrolled at the IU Fort Wayne campus.

In order to be accepted into either undergraduate certificate, the student must be admitted to IU Fort Wayne and currently enrolled in one of IU Fort Wayne's bachelor degree programs.

Certificate in Rehabilitation and Disability Studies

The certificate in rehabilitation and disability studies is available to all IU Fort Wayne degree seeking students, regardless of major.

Certificate in Nutrition

The certificate in nutrition is available to all IU Fort Wayne degree seeking students, regardless of major.

Admission Standards and Procedures

Apply to IU Fort Wayne Health and Human Sciences Program

The Office of Undergraduate Admissions is responsible for coordinating BS in Health Science admissions. Please see their website at <https://www.iufw.edu/admissions/index.html> for current admission standards and requirements

Admission Standards

Admission Requirements

For students beginning college for the first time:

High School Diploma

Indiana Core 40 or Academic Honors

Minimum 3.0 GPA

Minimum combined SAT score of 1000 or ACT score of 21

For current IU students:

Minimum 12 IU credits completed

Minimum 2.5 GPA

All SHRS courses must be completed with a grade of C or better

Meet with SHRS Academic Advisor

Required Application Materials

Accreditation

The School of Health and Rehabilitation Sciences shares with the other schools of the university the accreditation accorded by Indiana University as a member of the North Central Association of Colleges and Schools.

In addition, the professional programs are individually accredited by appropriate governing agencies within the discipline. See program-specific sections.

Student Learning Outcomes

IUFW Health and Human Sciences Student Learning Outcomes

Academic Policies

It is the responsibility of the student to be aware of all published academic regulations online.

Incompletes

A grade of Incomplete can be granted and noted on the final grade report by the instructor when a substantial portion of the course work has been satisfactorily completed, the course work is of passing quality, and the student is experiencing some hardship that would render the completion of course work unjust to hold them to the time limits previously established. A grade of Incomplete will revert to an "F" after one academic year or when the incomplete contract requirements are not fulfilled.

Pass/Fail Option

Participants who are working toward a bachelor's degree and are in good standing (not on academic probation) may take up to eight elective courses on a Pass/Fail basis (no letter grade assigned). A Pass/Fail course may not be used to satisfy any of the area requirements. Pass/Fail courses may, however, be used to meet the 300- to 400-level course requirements.

Dean's List

All undergraduate students majoring in Health Sciences and achieving a 3.5 grade point average (GPA) or higher during a fall or spring semester are placed on the Dean's Honor List. Part-time students will be placed on the list if they achieve a 3.5 GPA or higher for at least 6 consecutive credit hours. These honor students will receive letters from the dean recognizing their meritorious efforts.

Graduation with Honors

Participants who complete a minimum of 60 credit hours for the Bachelor of Science in Health Sciences at Indiana University will graduate with honors if they attain the appropriate grade point averages. On most campuses, an average GPA of 3.90 or higher is recognized with highest distinction, 3.75 to 3.89 with high distinction, and 3.50 to 3.74 with distinction. No more than 10 percent of a class can graduate with honors.

Cheating and Plagiarism

A student must not adopt or reproduce ideas, words, or statements of another person without appropriate

acknowledgment. A student must give credit to the originality of others and acknowledge indebtedness whenever he or she does any of the following:

- Quotes another person’s actual words, either oral or written;
- Paraphrases another person’s words, either oral or written;
- Uses another person’s idea, opinion, or theory; or
- Borrows facts, statistics, or other illustrative material, unless the information is common knowledge.
- Please check the IU Code of Conduct for further information.

Academic Probation

Students are automatically placed on academic probation when their cumulative GPA falls below a 2.0 for 12 consecutive credit hours. Students are removed from probationary status when their GPA, for 12 credit hours, increases to at least 2.0. If the cumulative GPA continues to be below 2.0 students will remain in probationary status. They remain in this status for another 12 consecutive credit hours of course work, during which time the GPA must be raised to at least 2.0. If after two consecutive semesters a student’s GPA is still below a 2.0, the student will be dismissed from the university.

Students admitted on a provisional basis may be dismissed if they fail to achieve a minimum GPA of 2.0 during the first 12 credit hours of course work. Students may also be dismissed from the program for failure to comply with any other academic requirements stipulated by the program to remove the probational status.

Health Sciences

Bachelor of Science - Health Science

Bachelor of Science in Health Sciences

Bachelor of Science - Health Sciences

First Year - Fall Semester

Subject	Course	Title	Cr Hrs	Min Grade
FWHS	H101	Introduction1 to Health Sciences		
ENGL	13100	Reading, Writing, & Inquiry I	3	
		Also meets: Core Communication - Writing General Education		

PSY	12000	Elementary 3 Psychology		
		Also meets: Social Science General Education		
MA	21300	Finite 3 Mathematics I		
		Also meets: Analytical Reasoning List A General Education		
HPER	H195	Principles 3 of Lifestyle Wellness (preferred)		
		Also meets: Social Science General Education		
HLSC	H200	Survey of U.S. Health Care System	3	C
		Total Credits	16	
		Cumulative Total	16	

First Year - Spring Semester

Subject	Course	Title	Cr Hrs	Min Grade
COM	11400	Fundamentals of Speech	3	
		Also meets: Core Communication - Speaking & Listening General Education		
HLSC	H210	Introduction3 Rehabilitation		C
HLSC	H250	Health/ Rehab Systems Across World	3	C

	Life & Physical Science General Education Elective	3	
Total Credits		15	
Cumulative Total		31	

Second Year - Fall Semester

Subject	Course	Title	Cr Hrs	Min Grade
BIOL	21500	Human Anatomy	4	
		Also meets: Life & Physical Science General Education		
ENGL	23301	Intermediate Expository Writing	3	
HLSC	H264	Disability & Society	3	C
HLSC	H220	Aging and the Older Person	3	C
		Elective	3	
Total Credits			16	
Cumulative Total			47	

Second Year - Spring Semester

Subject	Course	Title	Cr Hrs	Min Grade
PSY	36900	Lifespan Development	3	
HIM	M330	Medical Terminology or RADX-R185 Medical Terminology	3	
		Cultural Understanding	3	
		Arts & Humanities	3	
		Elective	3	
Total Credits			15	
Cumulative Total			62	

Third Year - Fall Semester

Subject	Course	Title	Cr Hrs	Min Grade
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HLSC	H300	Career Development for Health Professionals	2	C
HLSC	H361	Health Promotion/Disease Prevention	3	C
STAT	30100	Elementary Statistical Methods	3	
		Also meets: Analytical Reasoning List B General Education		
NRTD	265	Scientific Foundations of Human Nutrition	3	C
		NUTR 30300		
PSY	35000	Abnormal Psychology	3	
Total Credits			14	
Cumulative Total			76	

Third Year - Spring Semester

Subject	Course	Title	Cr Hrs	Min Grade
HLSC	H362	Legal/Regulatory Aspects Rehabilitation	3	C
HLSC	H363	Ethical Issues in Rehab Professions	3	C
HLSC	H365	Diversity Issues in Health	3	C
NTRD	N420	Human Nutrition through Lifespan	3	C
		Elective	3	
Total Credits			15	
Cumulative Total			91	

Fourth Year - Fall Semester

Subject	Course	Title	Cr Hrs	Min Grade
HLSC	H445	Program Evaluation	3	C
HLSC	H442	Research in Health/	3	C

	Rehab Sciences	
	Elective	3
	Elective	3
	Elective	3
Total Credits		15
Cumulative Total		106

Fourth Year - Spring Semester

Subject	Course	Title	Cr Hrs	Min Grade
HLSC	H441	Admin/Supervision of Rehab Organizations	3	C
HLSC	H495	Health Internship	6	C
		Elective	3	
		Elective	2	
Total Credits			14	
Cumulative Total			120	

Certificate in Nutrition

Certificate in Nutrition

To earn the certificate, students must

- Complete a minimum of 12 credits in accordance with the specified curriculum; and
- Earn a minimum grade of C in each course.

Curriculum

The Certificate in Nutrition curriculum consists of four required 3-credit hour courses which are offered 100% online.

NTRD-N 265	Scientific Foundations of Human Nutrition; 3cr
NTRD-N 365	Translating Nutrition: From Theory to Practice; 3cr
NTRD-N 420	Human Nutrition through the Lifespan; 3cr
HLSC-H 361	Health Promotion and Disease Prevention; 3cr

Health Sciences - Certificate in Rehabilitation and Disabilities

Health Science - Certificate in Nutrition

To earn the certificate, students must

- Complete a minimum of 21 credits in accordance with the specified curriculum; and
- Earn a minimum grade of C in each course.

Curriculum

The Certificate in Rehabilitation and Disability Studies curriculum consists of seven required 3-credit hour courses which are offered 100% online.

HLSC-R 320 - Survey of Adaptive Rehabilitation Technology; 3cr

HLSC-R 330 - Approaches to Rehabilitation Case Management; 3cr

HLSC-R 340 - Psychological Aspect of Disabilities; 3cr

HLSC-R 420 - Proposal Writing for Comm-Based Rehab Programs ; 3cr

HLSC-R 430 - Practicum in Rehabilitation and Disability; 3cr

HLSC-R 440 - Medical Aspects of Disabilities; 3cr

RADX-R 185 - Medical Terminology; 3cr

HLSC-R 320 - Survey of Adaptive Rehabilitation Technology; 3cr

HLSC-R 330 - Approaches to Rehabilitation Case Management; 3cr

HLSC-R 340 - Psychological Aspect of Disabilities; 3cr

HLSC-R 420 - Proposal Writing for Comm-Based Rehab Programs ; 3 cr

HLSC-R 430 - Practicum in Rehabilitation and Disability; 3cr

HLSC-R 440 - Medical Aspects of Disabilities; 3cr

Courses

Undergraduate

HLSC-H 200 SURVEY OF U.S. HEALTH CARE SYSTEM SERVICES (3 cr.) This course will explore the U.S. health care system as it relates to health and rehabilitation services. Discussion will focus on the components of the health care system, how they function, how they support other components, who works in the health care system, how the system is financed, the access to the system, and how the U.S. rehabilitation services compare to other systems in the world.

HLSC-H 210 INTRODUCTION TO REHABILITATION (3 cr.) Understanding the historical, philosophical, and organizational context of the rehabilitation profession within the health care delivery system. Based on the premise that understanding of and respect for health professionals is critical for effective functioning as a member of a health care team. Emphasizes expectations of students as beginning health professionals.

HLSC-H 220 AGING AND THE OLDER PERSON (3 cr.) An introduction to the interdisciplinary study of gerontology as a social, behavioral, and biological science. Other issues to be covered will include current health issues, patterns of health in the aging process, and age related controversies such as end of life decisions, financing health care for aging populations, and meaningfulness in old age.

HLSC-H 250 HEALTH AND REHABILITATION SYSTEMS ACROSS THE WORLD (3 cr.) This course presents issues in global health and rehabilitation delivery

systems from the viewpoint of many different disciplines with an emphasis on economically less developed countries.

HLSC-H 264 DISABILITY AND SOCIETY (3 cr.) Focus on the psychological, social, political, and economic circumstances of individuals with disabilities in American society and to broaden students' perspectives on disability issues through exposure to the personal accounts and writing of persons with disabilities, examination of professional practices, discussion of public policies, and completion of class projects.

HLSC-H 300 CAREER DEVELOPMENT FOR HEALTH PROFESSIONALS (2 cr.) Course highlights include: Career planning and placement strategies, assessment of labor market information, market surveys, and development of customized portfolios. Emphasis given to projects, papers, and independent research on the various health professions.

HLSC-H 361 HEALTH PROMOTION AND DISEASE PREVENTION (3 cr.) Understanding the personal, cultural, and environmental factors affecting participation in health promotion and disease prevention activities; examining the application and relevance of the concepts of health, wellness, health promotion, and health education and a wide range of content specific topics in health promotion and disease prevention.

HLSC-H 362 LEGAL AND REGULATORY ASPECTS IN REHABILITATION (3 cr.) Assisting students in the understanding of legal and regulatory challenges faced by rehabilitation professionals, covering legal issues in counseling and case management, and significant rehabilitation-related legislation in the United States from 1917 to present.

HLSC-H 363 ETHICAL ISSUES IN REHABILITATION SERVICES (3 cr.) Examining contemporary ethical/moral considerations in the organization and management of rehabilitation agencies and the delivery of rehabilitation services. Practical applications of ethical principles to the delivery of rehabilitation service and client-provider relationships will be covered. The course will be a combination of lectures, case studies, debates, and guest speakers.

HLSC-H 365 DIVERSITY ISSUES IN HEALTH AND REHABILITATION SERVICES (3 cr.) Designed to prepare students to appreciate diversity and understand the interrelationship of race, gender, culture, and ethnicity and how they affect access and use of health and rehabilitation services.

HLSC-H 441 ADMINISTRATION AND SUPERVISION OF REHABILITATION ORGANIZATIONS (3 cr.) Designed to provide an overview of rehabilitation organizations and teach students the foundations of administration, supervision and coordination of rehabilitation agencies. Discussions will cover the major theories of leadership, management and organization communication.

HLSC-H 442 RESEARCH IN HEALTH AND REHABILITATION SCIENCES (3 cr.) An introduction to the application of research methods in health and rehabilitation sciences, providing students with an overview of research methods used to collect, analyze and interpret data, emphasizing the understanding of

the application of statistical and research techniques to address problems related to rehabilitation services research.

HLSC-H 445 PROGRAM EVALUATION METHODS IN REHABILITATION (3 cr.) This course will provide a broad overview of the application program evaluation methods in rehabilitation and the strategies used in program evaluation, focusing on scientific principles that may be instrumental in informing policies and programs aimed at improving the health on individuals and communities.

HLSC-H 495 HEALTH INTERNSHIP (1-6 cr.) This is an experiential learning course. Students will be expected to apply learning from degree-related courses. The Internship will provide an opportunity for students to actively engage in professional and community settings. The Internship experience will be under the direction of a site-specific mentoring preceptor and the course instructor.

HLSC-R 320 SURVEY OF ADAPTIVE REHABILITATION TECHNOLOGY (3 cr.) Assisting students in the knowledge/awareness of available high-tech/low-tech equipment, or product systems that are used in rehabilitation settings to increase, maintain, or improve functional capabilities of individuals with disabilities, emphasizing the application of clinically-based strategies for determining an individual's need for and acceptance of adaptive technology to improve functional outcomes.

HLSC-R 330 APPROACHES TO REHABILITATION CASE MANAGEMENT (3 cr.) Exploring the historical perspective, technological and humanitarian advances, and major issues in the rehabilitation administrative environment; discussing and analyzing the legislative mandates relative to their effects on shaping the administrative environment in rehabilitation; acquiring knowledge of the process and significance of administrative competency in delivering services to rehabilitation consumers.

HLSC-R 340 PSYCHOLOGICAL ASPECTS OF DISABILITY (3 cr.) Students will review medical terminology and gain an understanding of major disabling conditions, the psychological and vocational aspects of adjustment to disability and chronic long term illness, and examine psychological and social theories related to disability and chronic illness and Code of Ethics.

HLSC-R 420 PROPOSAL WRITING FOR COMMUNITY-BASED REHABILITATION PROGRAMS (3 cr.) An interactive educational opportunity to develop skills related to fund development in a community rehabilitation setting, providing an overview of the grant development process. Students will research local and national funding sources and learn about traditional and non-traditional sources to develop and maintain community-based rehabilitation programs. Includes guest speakers.

HLSC-R 430 PRACTICUM IN REHABILITATION AND DISABILITY (3 cr.) Designed to give students direct work experience in various private and public sector rehabilitation agencies, this experiential component allows the student an opportunity to apply his/her newly acquired normative and cognitive skills and knowledge in an actual work setting.

HLSC-R 440 MEDICAL ASPECTS OF DISABILITIES

(3 cr.) The primary emphasis of this survey course is on medically determined aspects of disabling impairments and disabilities. Students will learn the functional limitations associated with major disabling conditions particularly as they relate to the delivery of rehabilitation services. Current trends and methodologies involved in rehabilitation processes will be covered.

NTRD-N 265 NUTRITION AND EXERCISE (3 cr.)

This course will allow the student to apply the principles of physiology, chemistry and biology to describe the role of nutrition and exercise in the human body and to explore the interrelated and protective role of nutrition and exercise in wellness, health promotion and disease prevention.

NTRD-N 365 TRANSLATING NUTRITION: FROM

THEORY TO PRACTICE (3 cr.) This course provides the knowledge and skills to translate nutrition principles into planning and selecting nutritionally adequate, appetizing and aesthetically pleasing personalized menus/meal plans with emphasis on sustainability, resource management and food safety.

NTRD-N 420 HUMAN NUTRITION THROUGH THE LIFESPAN (3 cr.)

The study of nutritional needs during stages of the human life cycle from pregnancy and lactation through infancy, childhood, adolescence and adulthood to later maturity, including an introduction to cultural food patterns, principles of nutrition assessment and agencies offering nutrition services.