

Health Sciences (B.S.)

2009-2010 Undergraduate Catalog
College of Health and Human Sciences, Northern Illinois University

The Bachelor of Science in Health Sciences program is designed to prepare the student to enter allied health and other health-related fields. The health sciences program focuses on providing the student with a strong foundation through general education courses and a science-based curriculum. Students in the major have the choice of two emphases: pre-physical therapy and rehabilitation services.

Emphasis 1: Pre-Physical Therapy (83-86)

Students choosing this emphasis are typically interested in pursuing careers in health-related fields that require a graduate degree for practice. The required course work provides the foundation needed to enter health-related professional programs.

Requirements in School (21)

AHCD 318 - Medical Terminology
AHPT 405 - Physical Therapy and the Rehabilitation Process
AHRN 200 - Disability in Society
AHRN 327 - Introduction to Rehabilitation Services
AHRN 492 - Medical Aspects of Disability in Rehabilitation
AHRN 493 - Counseling in Communicative Disorders

One of the following courses:

COMD 323 - Anatomy and Physiology of the Speech and Hearing Mechanisms
COMD 425 - Neuropathologies of Speech and Language
COMD 494 - Workshop in Communicative Disorders

Requirements outside School (62-65)

BIOS 208 - Fundamentals of Biology I
BIOS 209 - Fundamentals of Biology II
BIOS 210 - Fundamentals of Biology I Laboratory
BIOS 211 - Fundamentals of Biology II Laboratory
BIOS 355 - Human Physiology
*CHEM 210 - General Chemistry I
*CHEM 211 - General Chemistry II
*CHEM 212 - General Chemistry Laboratory I
*CHEM 213 - General Chemistry Laboratory II
*FCNS 201 - Human Nutrition
*PHHE 206 - Contemporary Health Concepts
*PHHE 295 - Ecology of Health
*PHYS 210 - General Physics I
*PHYS 211 - General Physics II
*PSYC 102 - Introduction to Psychology
PSYC 316 - Introduction to Psychopathology
UHHS 310 - Introduction to Health and Human Sciences
UHHS 460 - Introduction to Research in Health and Human Sciences

One of the following:

BIOS 311 - Functional Human Anatomy
BIOS 357 - Human Anatomy and Physiology

One of the following:

*MATH 155 - Trigonometry and Elementary Functions
*MATH 229 - Calculus I

One of the following:

*FCNS 280 - Human Development, the Family, and Society
*PSYC 225 - Lifespan Development: Childhood Through Adulthood

One of the following:

*STAT 208 - Basic Statistics
STAT 301 - Elementary Statistics

Emphasis 2: Rehabilitation Services (67-68)

Students in this emphasis are usually preparing as paraprofessionals or professionals providing human/social services to persons with disabilities. The required courses provide a basic background in disability and rehabilitation concepts, psychological principles and statistics. Paraprofessional positions (e.g., job coach, rehabilitation aide) can be obtained by students with the baccalaureate degree. Students desiring professional positions must obtain a master's degree. The undergraduate curriculum is preparatory to graduate study which meets the course requirements of the Commission on Rehabilitation Counseling Certification.

Requirements in School (31)

AHCD 318 - Medical Terminology
AHRHS 101 - Elementary American Sign Language I
AHRHS 200 - Disability in Society
AHRHS 327 - Introduction to Rehabilitation Services
AHRHS 426 - Introduction to Clinical Procedures in Deafness Rehabilitation
AHRHS 482 - Post-Employment Services in Vocational Rehabilitation
AHRHS 492 - Medical Aspects of Disability in Rehabilitation
AHRHS 493 - Counseling in Communicative Disorders
COMD 220 - Introduction to Communicative Disorders
COMD 403 - Language Development

One of the following courses:

COMD 323 - Anatomy and Physiology of the Speech and Hearing Mechanisms
COMD 425 - Neuropathologies of Speech and Language
COMD 494 - Workshop in Communicative Disorders

Requirements outside School (36-37)

Course work chosen with adviser's approval (12)

*FCNS 201 - Human Nutrition
*PHHE 206 - Contemporary Health Concepts
*PHHE 295 - Ecology of Health
*PSYC 102 - Introduction to Psychology
UHHS 310 - Introduction to Health and Human Sciences
UHHS 460 - Introduction to Research in Health and Human Sciences

One of the following:

*FCNS 280 - Human Development, the Family, and Society
*PSYC 225 - Lifespan Development: Childhood Through Adulthood

One of the following:

*STAT 208 - Basic Statistics
STAT 301 - Elementary Statistics

*Available for general education credit