

**COLLEGE OF PUBLIC HEALTH AND HEALTH PROFESSIONS
BACHELOR OF HEALTH SCIENCE PROGRAM
MINORS AVAILABLE**

The College of Public Health and Health Professions (PHHP) bachelor of health science program offers four options for minors to eligible undergraduate students at the University of Florida.

Health Science Rehabilitative Services Disability Science Public Health

General Information:

- Students must have completed the prerequisites for the BHS program with C grades to be considered for a minor. Prerequisites include BSC 2007 or higher; APK 2105; STA 2023; PSY 2012; CLP 3144 or DEP 3053 (or health psychology)
- Students must achieve a grade of C in each course in the minor in order to receive minor credit.
- Students can transfer up to 3 credits of approved coursework towards minor credits

HEALTH SCIENCE MINOR

This minor is designed to provide students with foundation knowledge and skills regarding the development of disease and disability, the scientific bases of health and illness, and the impact of the changing health care delivery system on health care. Students are eligible for the minor once they have reached junior standing (ie. 60 credit hours).

REQUIREMENTS:

Class Level: Must be a junior (60 college credits completed)

GPA: 3.0 required for admission to minor

Credits in Minor: 15 minimum, including 9 credit hours of required health science courses and 6 hours of elective coursework

Courses: Students must complete the required Fall core courses, *Survey of Diseases and Disability* and *U.S. Health Care System*, before taking Spring electives unless permission is granted.

REQUIRED COURSES FOR HEALTH SCIENCE MINOR

Course Number	Course Title	# Of Credits	Course Description
HSC 3502 Fall term	Survey of Diseases and Disability	03	Overview of medical and psychosocial aspects of chronic diseases and disabilities.
HSA 3111 Fall term	U.S. Health Care System	03	Overview of organization, delivery, and financing of health services in the U.S. Topics include health professionals, health care facilities, financing of health services, managed care, and current health policy issues.
OTH 3416 Spring term	Pathophysiology	03	Basic understanding of pathophysiology as a change from normal physiological functioning of the various systems of the human body.

POSSIBLE ELECTIVES FOR HEALTH SCIENCE MINOR (choose two)

HSC 4558 Spring term	Disability Management	03	Issues in disability management, including occupational health, impact of disability, treatment strategies and general rehabilitation process, ADA, workers compensation and assistive technology.
OTH 3200 Fall term	Applied Human Development 1	03	Overview of normal human development from conception through childhood and the implications from the view of health and rehabilitation intervention.
OTH 3201 Fall or Spring term	Applied Human Development 2	02	Application to occupational therapy of principles of human growth and development from young adulthood to senescence.
OTH 4314 Spring term	Psychiatric Disorders	03	Study of major psychiatric syndromes and their management. The continuum of disorders from health to psychopathology.
OTH 4412 + 4412L Spring term	Musculoskeletal Anatomy and lab	05	Comprehensive foundation in the human musculoskeletal system. Lab activities involve the study, under supervision, of cadaver musculoskeletal anatomy
OTH 4418 + 4418L Fall term	Nervous System and Disorders and Lab	05	Comprehensive foundation in neuroanatomy, neurophysiology, and neuropathology. Lab activities involve the study, under supervision, of cadaver nervous system anatomy.
CLP 4134 Fall term	Introduction to Child Clinical and Pediatric Psychology	03	Survey and exploration of the science and practice of this new specialty, including application of clinical science to problems faced by children and their families with an emphasis on assessment and intervention for concerns related to child behavior and health.
CLP 4314 Spring term	Introduction to Health Psychology	03	Survey and exploration of the science and practice of clinical health psychology, including application of the biopsychosocial model of health and illness to health promotion, disease prevention and treatment and rehabilitation of existing illness and disability.
CLP 4420 Spring term	Introduction to Neuropsychology	03	Survey and exploration of the science and practice of clinical neuropsychology, including a discussion of major neuropsychological disorders and consideration of mechanisms underlying higher cognitive function.
RCS 4451 Spring term	Rehabilitation Aspects of Substance Abuse	03	Rehabilitation counseling implications of alcohol and drug use in society and the work place. Emphasis on detection, treatment, and follow-up services for individuals in the rehabilitation process.

REHABILITATIVE SERVICES MINOR

The rehabilitative services minor is designed to provide students with an introduction to rehabilitation, potential barriers to adjustment, and services available to individuals with rehabilitation or other human service needs.

REQUIREMENTS:

Class Level: Must be a sophomore (30 college credits completed); junior status recommended

GPA: 2.75 required for admission to minor

Credits in Minor: 15 minimum, including 9 credit hours of required courses and 6 hours of elective coursework

Courses: Students must complete the required Fall core courses, *Introduction to Rehabilitative Services and Human Services* and *Psychosocial Aspects of Rehabilitation* before taking Spring electives unless permission is granted.

Students whose major is outside the college of PPHP can also choose *Survey of Diseases and Disability* and *the U.S. Health Care System* as electives. These courses may be taken concurrently with Fall core courses.

REQUIRED COURSES FOR REHABILITATIVE SERVICES MINOR

Course Number	Course Title	# Of Credits	Course Description
RCS 3030 Fall term	Introduction to Rehabilitation and Human Services	03	An examination of legislative history and social policies as they relate to rehabilitation and human services and their impact on persons with disabilities and exploration of various careers in rehabilitation and human services.
RCS 4061 Fall term	Psychosocial Aspects of Rehabilitation	03	Introduction to the psychological, social, vocational adjustment barriers and techniques used by individuals and society to overcome these hindrances to rehabilitation.
RCS 4240 Spring term	Vocational Services in Health, Rehabilitation, and Human Services	03	Assessment for vocational potential and analysis of occupational settings directed toward training and work entry in health, rehabilitation, and human services.

POSSIBLE ELECTIVES FOR REHABILITATIVE SERVICES MINOR (choose two*)

OTH 3200 Fall term	Applied Human Development 1	03	Overview of normal human development from conception through childhood and the implications from the view of health and rehabilitation intervention.
OTH 3201 Fall or Spring term	Applied Human Development 2	02	Application to occupational therapy of principles of human growth and development from young adulthood to senescence.
OTH 4314 Spring Term	Psychiatric Disorders	03	Study of major psychiatric syndromes and their management. The continuum of disorders from health to psychopathology.
RCS 4451 Spring term	Rehabilitation Aspects of Substance Abuse	03	Rehabilitation counseling implications of alcohol and drug use in society and the work place. Emphasis on detection, treatment, and follow-up services for individuals in the rehabilitation process.
RCS 4930 Fall term	Case Management	03	Case management techniques in the rehabilitation process

CLP 4302 Fall term	Introduction to Clinical Psychology	03	Survey and exploration of the science and practice of clinical psychology, including discussion of different theoretical orientations for assessment and intervention, history and current issues in the field, and education and training required
CLP 4134 Fall term	Introduction to Child Clinical and Pediatric Psychology	03	Survey and exploration of the science and practice of this new specialty, including application of clinical science to problems faced by children and their families with an emphasis on assessment and intervention for concerns related to child behavior and health.
CLP 4314 Spring term	Introduction to Health Psychology	03	Survey and exploration of the science and practice of clinical health psychology, including application of the biopsychosocial model of health and illness to health promotion, disease prevention and treatment and rehabilitation of existing illness and disability.
CLP 4420 Spring term	Introduction to Neuropsychology	03	Survey and exploration of the science and practice of clinical neuropsychology, including a discussion of major neuropsychological disorders and consideration of mechanisms underlying higher cognitive function.

*Students selecting OTH 3201 can complete the remaining credit via an independent study or clinical observation course in the college of PHHP.

DISABILITY SCIENCE MINOR

The disability science minor is designed to provide students with a basic scientific foundation to understand the impact of disability on physical and psychosocial health. Students are eligible for the minor once they have reached junior standing (i.e. 60 credit hours).

REQUIREMENTS:

Class Level: Must be a junior (60 college credits completed)

GPA: 2.75 required for admission to minor

Credits in Minor: 17 minimum, all of which are based on required courses

Courses: Students must complete *Survey of Diseases and Disability* and *Pathophysiology* before taking either *Nervous System and Disorders and Lab* or *Musculoskeletal Anatomy Lecture and Lab*. These last two courses can only be taken in the senior year.

REQUIRED COURSES FOR DISABILITY SCIENCE MINOR

Course Number	Course Title	# Of Credits	Course Description
HSC 3502 Fall term	Survey of Diseases and Disability	03	Overview of medical and psychosocial aspects of chronic diseases and disabilities.
OTH 3416 Spring term	Pathophysiology)	03	Basic understanding of pathophysiology as a change from normal physiological functioning of the various systems of the human body.
HSC 4558 Spring term	Disability Management (Prereq HSC 3502 Survey of Diseases and Disability)	03	Issues in disability management, including occupational health, impact of disability, treatment strategies and general rehabilitation process, ADA, workers compensation and assistive technology.

SELECT ONE OF THE FOLLOWING 8-CREDIT SEQUENCES			
OTH 4418 + 4418L Fall term, Senior year only	Nervous System and Disorders and Lab	05	Comprehensive foundation in neuroanatomy, neurophysiology, and neuropathology. Lab activities involve the study, under supervision, of cadaver nervous system anatomy
CLP 4420 Spring term	AND Introduction to Neuropsychology	03	
OR			
OTH 4412 + 4412L Spring term, Senior year	Musculoskeletal Anatomy Lecture and Lab	05	Comprehensive foundation in the human musculoskeletal system. Lab activities involve the study, under supervision, of cadaver musculoskeletal anatomy
OTH 3413C Spring term, Senior year	AND Applied Kinesiology	03	

PUBLIC HEALTH MINOR

The public health minor allows pre-professional students to acquire public health knowledge that is complementary to their chosen career path. It is designed for students going into careers other than public health who can benefit from public health knowledge in the delivery of their services. A few examples of these careers include medicine, veterinary medicine, occupational therapy, physician assistant, nursing, dentistry, nutritional sciences, health education, psychology, and environmental engineering. Students interested in public health as a career should explore the combined degree program rather than the minor.

REQUIREMENTS:

Class Level: Must be a junior (60 college credits completed). Please note, however, that only one course can be taken in the junior year – Introduction to Public Health Concepts. You must have senior standing (90 credit hours completed) to enroll in the other public health courses.

GPA: 3.0 required for admission to minor

Credits in Minor: 15 minimum, all of which are based on required courses. Students in the College of Public Health and Health Professions can satisfy the 9-credit college elective requirement and 6 credits of general elective credit with a public health minor.

Courses: You have two options for completing the public health minor:

Option One: In your junior year, you complete the 3-credit Public Health Concepts course (PHC 4101). In your senior year, you complete four of the five other core graduate level public health courses listed in the Required Courses Table.

Option Two: You complete five graduate level courses offered by the MPH program that represent the core public health knowledge areas. These are: Biostatistics, Epidemiology, Environmental Health Sciences, Health Services Administration, and Social and Behavioral Sciences. The courses are described below.

REQUIRED COURSES FOR PUBLIC HEALTH MINOR

Course Number	Course Title	# Of Credits	Course Description
PHC 4101 Fall term	Introduction to Public Health Concepts	03	Survey course that introduces students to the different areas of and contemporary issues in public health with special emphasis in epidemiology.
PHC 6050 Fall term	Statistical Methods for Health Science	03	Appropriate use of data summarization and presentation of basic statistical methods, including ANOVA, nonparametric methods, inference on discrete data, inference on survival data, and regression methods for continuous, binary, and survival data
PHC 6001 Fall term	Principles of Epidemiology in Public Health	03	Overview of epidemiological methods used in research studies that address disease patterns in community and clinic-based populations. Includes distribution and determinants of health-related states or events in specific populations and application to control of health problems
PHC 6410 Fall term	Psychological, Behavioral, and Social Issues in Public Health	03	Health and behavior from an ecological perspective; includes primary, secondary and tertiary prevention across a variety of settings; incorporates behavioral science theory and methods.
PHC 6102 Spring term	Introduction to Public Health Administrative Systems	03	Overview of the public health system, including public health concepts and practice and health care delivery and financing. Focus on understanding of organization and administration of health services, structure and functions of U.S. public health system and health insurance programs.
PHC 6313 Spring term	Environmental Health Concepts in Public Health	03	Survey of major topics of environmental health. Sources, routes, media, and health outcomes associated with biological, chemical, and physical agents in environment. Effects of agents on disease, water quality, air quality, food safety, and land resources. Current legal framework, policies, and practices associated with environmental health and intended to improve public health.

GENERAL APPLICATION INFORMATION FOR ALL MINORS

All students interested in a minor should submit the required University of Florida form, *Application to Add or Cancel a Minor*. Students can obtain the University form to add a minor at 222 Criser Hall or at www.registrar.ufl.edu. Students in any college except Public Health and Health Professions must submit a UF transcript with the required UF form. BHS students must submit a copy of their proposed plan of study which includes the minor coursework.

Minor application materials should be submitted to the Dean's Office in the College of Public Health and Health Professions (HPNP 4101). Minors are considered on a space available basis.

Tuition: The public health minor requires graduate level courses. Financial aid typically pays only for the undergraduate portion of the cost of graduate courses. However, please check with financial services regarding your specific financial aid package or if you have questions regarding tuition coverage for these courses. All other minors reflect standard undergraduate tuition.

Student Questions: Students should feel free to contact Dr. Joanne Foss (273-6379) or Dr. Stephanie Hanson (273-6377) if they have questions regarding the public health minor.

MINORS SUMMARY TABLE

	Health Science	Disability Science	Rehabilitative Services	Public Health
When to apply	Spring or Summer Sophomore Year	Spring or Summer Sophomore Year	Any time in Sophomore Year	At end of Sophomore Year or any time in Junior Year
When minor begins	Fall, Junior Year	Fall, Junior Year	Fall, Junior Year*	Fall, either Junior or Senior Year (can start in spring if not graduating until fall)
Minimum GPA needed	3.0 on all college work and prerequisites and no prerequisite grades below C	2.75 on all college work and prerequisites and no prerequisite grades below C	2.75 on all college work and prerequisites and no prerequisite grades below C	3.0 on all college work and prerequisites and no prerequisite grades below C
Prerequisites Required	BSC 2007 (or higher) PSY 2012 APK 2105C STA 2023 CLP 3144 or DEP 3053 (or health psychology)	BSC 2007 (or higher) PSY 2012 APK 2105C STA 2023 CLP 3144 or DEP 3053 (or health psychology)	BSC 2007 (or higher) PSY 2012 APK 2105C STA 2023 CLP 3144 or DEP 3053 (or health psychology)	BSC 2007 (or higher) PSY 2012 APK 2105C STA 2023 CLP 3144 or DEP 3053 (or health psychology)
Who is eligible for consideration	All students outside college meeting requirements	All students outside college meeting requirements	All students meeting requirements	All students meeting requirements
Who is not eligible	All health science majors (all tracks ineligible)	All health science majors (all tracks ineligible)	Health science majors in the rehabilitative services track	Students not meeting eligibility requirements

* Some rehabilitative services core courses are open to sophomores but we recommend starting in junior year