

HEALTH SCIENCE

Not all courses are offered every semester. Refer to the schedule of courses for each term's specific offerings.

More Info (<https://one.ufl.edu/soc/>)

Unless otherwise indicated in the course description, all courses at the University of Florida are taught in English, with the exception of specific foreign language courses.

Department Information

The Bachelor of Health Science (BHS) program is a limited access program designed for students whose career goal is to work in the health professions providing service to individuals and communities. BHS students are typically pursuing health related professions such as medicine, physician assistant, physical therapy, occupational therapy, audiology, speech-language pathology, dentistry, epidemiology, or public health.

Website (<https://bhs.php.ufl.edu/>)

CONTACT

Email (advising@php.ufl.edu) | 352.273.6379

1225 Center Drive

3189 HPNP BUILDING

GAINESVILLE FL 32610

Map (<http://campusmap.ufl.edu/#/index/0212>)

Curriculum

- Disability Science Minor
- Health Science
- Health Science Minor

Courses

BSC 3096 Human Physiology 3 Credits

Grading Scheme: Letter Grade

Functioning of human tissues, organs and organ systems, emphasizing the physical, chemical and mechanistic bases of normal physiology and the integrated function of the human body. Also introduces pathophysiological changes associated with human diseases.

Prerequisite: (CHM 1031 or CHM 2046 or CHM 2047) and BSC 2011.

GEY 4001 Issues and Concepts in Gerontology 3 Credits

Grading Scheme: Letter Grade

This multidisciplinary overview of the field of aging covers biomedical and health issues, psychosocial factors, applied aspects and policy issues.

HSA 3111 US Health Care System 3 Credits

Grading Scheme: Letter Grade

Overview of organization, delivery and financing of health services in the US. Topics include health professionals, health care facilities, financing of health services, managed care, and current health policy issues.

Prerequisite: (BSC 2007 or BSC 2005 or BSC 2010) and PSY 2012 and STA 2023 and (Health Science or Communication Sciences and Disorders or Public Health majors; or Health Science or Public Health minors).

HSA 4110 Healthcare Operations Concepts 3 Credits

Grading Scheme: Letter Grade

Covers several relevant topics related to the business end of healthcare, including business management principles for practitioners, healthcare reimbursement methodologies, and basic healthcare financial management such as simple budgeting and debt financing.

HSA 4191 Health Informatics & Emerging Healthcare Technologies 3 Credits

Grading Scheme: Letter Grade

Provides a fundamental understanding health informatics, healthcare information systems, and emerging healthcare technologies, starting with the core informatics competencies and the foundation of knowledge model.

Prerequisite: PHC 4101 or HSA 3111 or instructor permission.

HSC 2000 Introduction to Health Professions 3 Credits

Grading Scheme: Letter Grade

Lecture, discussion and group assignments provide the opportunity to learn about different disciplines making up a health care team and their role in both the science and practice of health care.

HSC 3057 Research Methods and Issues in Health Science 3 Credits

Grading Scheme: Letter Grade

Emphasizes four aspects of research: understanding research principles, evaluating journal articles, applying research findings to clinical settings and designing programmatic evaluation projects.

Prerequisite: HSC 3502 and Health Science or Public Health majors or minors.

HSC 3502 Survey of Diseases and Disability 3 Credits

Grading Scheme: Letter Grade

Overview of medical and psychosocial aspects of chronic diseases and disability.

Prerequisite: STA 2023 and PSY 2012 and Health Science or Communication Sciences and Disorders or Public Health majors or HES_UMN minor.

HSC 3661 Therapeutic Communication Skills with Patients, Families and the Health Care Team 2 Credits

Grading Scheme: Letter Grade

Learn appropriate verbal and nonverbal behavior to be used with patients, families and the health care team through lecture, discussion and role play in large and small groups.

Prerequisite: HSA 3111 and HSC 3502 and HSC 4558 and Health Science major.

Corequisite: RCS 4415L.

HSC 3801 Clinical Observation / Health Care Volunteer Work 1-4 Credits

Grading Scheme: S/U

Learn about a specific health care field or gain knowledge about specific patient or client populations through direct observation and/or hands-on assistance.

Prerequisite: health science majors only and department permission.

HSC 4008 Professional Development for the Health Sciences 1 Credit

Grading Scheme: S/U

Fosters the professional development needed to transition into the health and public health professions. Enrichment activities include diversity training, presentation skills training, career planning, and developing an online portfolio.

Prerequisite: PHHP senior in the limited-access program.

HSC 4184 Health Care Leadership: Skills and Styles 3 Credits

Grading Scheme: Letter Grade

Behavioral styles that contribute to leadership effectiveness. Studies specific styles for their contributions to motivating people and overall leadership effectiveness in health care.

Prerequisite: HSA 3111 and HSC 3502 and HSC 4558 and Health Science major.

HSC 4247 Disinformation and Misinformation in Healthcare 3 Credits

Grading Scheme: Letter Grade

Traces the interplay of misinformation and disinformation and the impact on personal and public health in the United States. Imparts understanding of the real world impact of misinformation on health outcomes and what can be done about it. Knowledge gained can be used to help understand how people are misinformed and lay the groundwork for being better informed future practitioners. Provides strategies to engage with people those influenced by misinformation or disinformation.

Prerequisite: Enrollment in Health Science program (HES_BHS, PBH_BPH, and CSD_BHS) or permission of the instructor.

HSC 4558 Survey of Diseases and Disabilities 2 3 Credits

Grading Scheme: Letter Grade

Overview of medical and psychosocial aspects of chronic diseases, including issues of disability management. This required course, combined with HSC 3502, covers all of the major disabling conditions.

Prerequisite: HSC 3502; Health Science, Public Health, Communication Sciences and Disorders majors/minors only

HSC 4600 Psychiatric Disorders 3 Credits

Grading Scheme: Letter Grade

Study of major psychiatric syndromes and their management. The continuum of disorders from health to psychopathology.

Prerequisite: PSY 2012

HSC 4608L Critical Thinking in Health Care 4 Credits

Grading Scheme: Letter Grade

Develops critical thinking skills to solve problems in the health care environment.

Prerequisite: HSA 3111 and HSC 3502 and HSC 4558, and HSC 3661 and Health Science major.

HSC 4652L Ethical and Legal Issues in the Health Professions 3 Credits

Grading Scheme: Letter Grade

Overview of ethical and legal issues in the health professions, including contemporary ethical issues in disease management.

Prerequisite: HSA 3111 and HSC 3502 and HSC 4558 and Health Science major.

HSC 4905 Individual Study 1-4 Credits**Grading Scheme:** Letter Grade

Supervised program of study to investigate problems significant to health professions.

Prerequisite: HSC 3032 with minimum grade of C and Health education and behavior majors, junior or senior standing; faculty member or program coordinator permission.**HSC 4930 Special Topics 1-4 Credits****Grading Scheme:** Letter Grade

Special topics in health science. Refer to the department for specific topic information. Can be repeated with change in content for up to 12 credits.

Prerequisite: Public Health or Health Science or Communication Sciences and Disorders major with junior standing or higher.**HSC 4969 Honors Seminar in the Health Professions 1-3 Credits****Grading Scheme:** Letter Grade

Philosophy and implementation of scientific work, including an introduction to faculty research. Provides the opportunity to explore and discuss potential honors thesis topics.

Prerequisite: 3.5 GPA, majors only and department permission.**HSC 4970 Public Health and Health Professions Senior Honors Thesis 1-6 Credits****Grading Scheme:** Letter Grade

Special project leading to the distinction of magna or summa cum laude at graduation. The project can be any creative work that focuses on a specific topic or issue in the health professions. The student develops an outline of the special project prior to project initiation and produces a final paper at project completion. The paper must be approved by the program and dean's office for the student to graduate magna or summa cum laude.

Prerequisite: HSC 4969, senior standing, majors only and a 3.75 GPA.**OTH 3416 Pathophysiology 3 Credits****Grading Scheme:** Letter Grade

Basic understanding of pathophysiology as a change from normal physiological functioning of the various systems of the human body.

Prerequisite: (APK 2105C and HSA 3111 and HSC 3502 and Health Science major or minor) or instructor permission.**OTH 4418 The Nervous System and Disorders 3 Credits****Grading Scheme:** Letter Grade

Comprehensive foundation in neuroanatomy, neurophysiology, and neuropathology.

Prerequisite: HSC 3502 and HSC 4558 and OTH 3416 and Health Science major or minor.**Corequisite:** OTH 4418L.**PHC 2100 Introduction to Public Health 3 Credits****Grading Scheme:** Letter Grade

Overview of public health as a multifaceted field. Includes discussion of contemporary public health challenges with input from discipline experts.

Attributes: General Education - Social Science**PHC 3603 Critical Issues in Public Health 3 Credits****Grading Scheme:** Letter Grade

Learn how to analyze, compare and contrast the most current complex public health issues in society. Students will comprehend and discuss the influence of personal bias, scientific evidence, and societal trends on a variety of public health issues.

Prerequisite: (BSC 2005 or BSC 2010) and PSY 2012 and STA 2023 AND (junior or senior majoring in Health Science, Communication Sciences and Disorders or Public Health or minors).**PHC 4101 Public Health Concepts 3 Credits****Grading Scheme:** Letter Grade

Introduces the basic tenets, applications and foci of public health, including integrating public health with other health professions.

Prerequisite: (BSC 2007 or BSC 2005 or BSC 2010) and PSY 2012 and STA 2023.**PHC 4930 Special Topics in Public Health 1-6 Credits****Grading Scheme:** S/U

Exploration of a general or a specific area of public health.

Prerequisite: junior or senior standing.**PHC 4943 Service Learning Practicum 3 Credits****Grading Scheme:** Letter Grade

Covers development of the role of a public health and human services provider in an agency setting.

Prerequisite: HSC 3057 and PHC 4101 and Public Health major with senior standing.**RCS 4415L Therapeutic Communication Skills Laboratory 1 Credit****Grading Scheme:** Letter Grade

Laboratory for HSC 3661; includes hands-on practice of therapeutic communication skills using simulated patient scenarios.

Prerequisite: HSC 3502 and HSA 3111 and HSC 4558 and Health Science major or minor.**Corequisite:** HSC 3661.

RCS 4451 Rehabilitation Aspects of Substance Abuse 3 Credits

Grading Scheme: Letter Grade

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.

Prerequisite: HSC 3502 and HSC 4558 and Health Science major or minor and permission of department.
