

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

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

Curriculum

- Disability Science Minor
- Health Science
- Health Science Minor

Courses

HSA 3111 U.S. Health Care System 3 Credits

Grading Scheme: Letter Grade

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.

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.

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: Health science or communication sciences and disorders or public health majors, or health science 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. (S-U)

Prerequisite: health science majors only and department permission.

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 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 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 4930 Special Topics 1-4 Credits

Grading Scheme: Letter Grade

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

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.

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 3440 Global Public Health 3 Credits

Grading Scheme: Letter Grade

Critical links between global health and social and economic development. Discusses the burden of disease and how to measure this across countries. Focuses on low and middle income countries and the health of the poor.

Prerequisite: PHC 4101 and junior standing or higher..

PHC 4024 Applied Epidemiology 3 Credits

Grading Scheme: Letter Grade

Principles and methods of epidemiological investigation focusing on both infectious and noninfectious diseases. Emphasizes outbreak investigations, field epidemiology and epidemiology careers.

Prerequisite: HSC 3057, HSC 3502, HSC 4558, PHC 4101, and Health Science and Public Health majors/minors only.

PHC 4094 Introduction to Biostatistics for Health Science and Public Health 3 Credits

Grading Scheme: Letter Grade

Methods and public health applications for analysis of variance, correlation, simple linear regression, multiple linear regression, nonparametric and distribution-free statistical methods, and some basic concepts about survival analysis. Public health applications using statistical software. Writing data analysis reports.

Prerequisite: STA 2023.

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 4117 Public Health Management Leadership 3 Credits

Grading Scheme: Letter Grade

Provides knowledge relevant to leading public health organizations while effectively managing and motivating employees. Includes organizational behavior and theories to examine management, leadership, and application of skills in delivering public health programs.

Prerequisite: HSA 3111 and HSC 3502 and HSC 4558 and PHC 4101 and Public Health major.

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.
