

HEALTH SCIENCE (HS)

HS 101 Introduction to Health Professions 2(2-0)

Fall, Spring, Summer.

Introduction to health professions, education requirements, required certifications, accreditation and employment opportunities.

Prerequisite: None.

Corequisite: None.

Registration Information: None.

HS 230 Foundations of Public Health 3(3-0)

Fall, Spring.

Overview of key public health concepts, history, and how the core areas of public health help to promote population health. Employs active learning through individual activities, discussions, and field experiences.

Prerequisite: None.

Corequisite: None.

Registration Information: None.

HS 291 Special Topics (1-4 V)

As Needed.

Special Topics in Health Sciences.

Prerequisite: None.

Corequisite: None.

Registration Information: None.

HS 312 Nutrition & Food Systems in Public Health 3(3-0)

Spring.

Students will learn about food systems at the local, regional, and global levels. Students will examine and discuss critical topics involving health, culture, food production, processing, distribution, and consumption.

Prerequisite: None.

Corequisite: None.

Registration Information: None.

HS 320 Evaluation of Health Issues 3(3-0)

Fall, Spring.

Critical examination of the social determinants of health, current issues in the US health system, and legal, administrative, and ethical considerations in public health and their impact on individuals and communities.

Prerequisite: None.

Corequisite: None.

Registration Information: None.

HS 322 Health Coaching Concepts (3 V)

Fall.

This course will address the core concepts of client centered health coaching including preventive health issues, basics of effective health coaching, motivational interviewing, ethical and legal guidelines, and compliance.

Prerequisite: EPER 222.

Corequisite: None.

Registration Information: None.

HS 325 Health Communication (3 V)

Fall.

Examination of the effects of the media, mass, social, and participatory, in promoting and impeding the achievement of public health goals. Students will develop the skills to design, implement and evaluate health campaigns.

Prerequisite: None.

Corequisite: None.

Registration Information: None.

HS 330 Epidemiology & Disease Prevention 3(3-0)

Fall, Spring.

Overview of principles of epidemiology and lifestyle-disease pathophysiology. Examines the use and broad application of epidemiologic concepts in public health to identify risk factors and resolve health issues in society.

Prerequisite: MATH 101 or MATH 120 or MATH 156.

Corequisite: None.

Registration Information: HS 230 strongly recommended.

HS 335 Public Health and the Environment 3(3-0)

As Needed.

This course introduces major issues of environmental health science, examines what those issues are, what determines them, how they impact population health, and ways in which they can be altered to improve health.

Prerequisite: None.

Corequisite: None.

Registration Information: None.

HS 336 Community and Global Health 3(3-0)

Spring.

An examination of the political, religious, social and economic influences on the continuum of local/globe health and the role citizenship plays in advocating for the equitable distribution of health resources.

Prerequisite: None.

Corequisite: None.

Registration Information: HS 230 strongly recommended.

HS 402 Grant Writing & Community Partnerships 3(3-0)

Spring.

The course focuses on the grant writing process for public health and the health sciences, and identifying and developing individual and agency partners for community-based health and wellness initiatives.

Prerequisite: None.

Corequisite: None.

Registration Information: None.

HS 422 Applied Health Coaching 3(3-0)

Spring.

This course will address advanced concepts in Health Coaching and explore challenging issues regarding health coaching topics, legal and ethical issues, and provide opportunities for experiential application activities.

Prerequisite: HS 322.

Corequisite: None.

Registration Information: None.

HS 430 Public Health Program Planning 3(3-0)

Fall.

Assessment and planning methods for public health. Activities include gathering health related data, conducting needs assessments and reviewing or developing evidenced based, city, county and state level program plans.

Prerequisite: HS 230.

Corequisite: None.

Registration Information: None.

HS 435 Public Health Program Evaluation 3(3-0)

Spring.

Practical applications for the development of skills in public health program implementation and evaluation methods within a variety of settings including community, school/workplace and online.

Prerequisite: HS 230.

Corequisite: None.

Registration Information: None.

HS 491 Special Topics (1-6 V)

As Needed.

Special topics in Health Science.

Prerequisite: None.

Corequisite: None.

Registration Information: None.

HS 492 Research (1-6 V)

Fall, Spring, Summer.

Research project conducted in collaboration with a faculty member.

Prerequisite: None.

Corequisite: None.

Registration Information: Approval of faculty member. Repeatable (6).

HS 493 Seminar 2(2-0)

Fall, Spring, Summer.

Examination of important issues and trends in the professional arena, type of internships, advanced education and jobs available, mock interviews, portfolio development, job preparation, and shadowing in the field.

Prerequisites: None.

Corequisites: None.

Registration Information: Senior status required. Highly recommend this course before HS 498.

HS 494 Field Experience (1-12 V)

Fall, Spring, Summer.

Supervised experiential learning activities to be conducted in the actual professional environment. Project and work experiences must represent the Health Sciences field. Student arranges the site. Requires field agreement.

Prerequisite: None.

Corequisite: None.

Registration Information: Approval of field experience coordinator.

Completion of field experience agreement. Repeatable (12).

HS 495 Independent Study (1-6 V)

As Needed.

Independent Study in the Health Sciences.

Prerequisite: None.

Corequisite: None.

Registration Information: None.

HS 498 Internship (6-12 V)

Fall, Spring, Summer.

Supervised experience with approved mentors in health science settings. Activities include completion of a major project, and other assignments. Minimum of 6 credit hours required for HS majors. Student secures placement.

Prerequisite: None.

Corequisite: None.

Registration Information: Senior standing. Completion of degree requirements. 2.5 GPA in the major. Internship Coordinator approval. Completion of Internship Agreement Form. Completion of HS 493 highly recommended before enrolling in this course. Student secures their own placement.

HS 520 Advanced Evaluation of Health Issues 3(3-0)

As Needed.

Critically examines current health issues and their impact on individuals and communities including the ability to explain various viewpoints, make recommendations, and evaluate the fit of various solutions.

Prerequisites: None.

Corequisites: None.

Registration Information: None.

HS 536 Community & Global Health Application 3(3-0)

As Needed.

The purpose of this course is the analysis and application of all aspects of community and global health, functions of health services at all levels, and the exploration of current and local health problems.

Prerequisite: None.

Corequisite: None.

Registration Information: None.

HS 594 Field Experience 1-12(0-45)

As Needed.

Supervised experiential learning activities to be conducted in the professional environment. Project and work experience must represent the Health Sciences field. Graduate level project and/or research required.

Prerequisite: None.

Corequisite: None.

Registration Information: Repeatable (12).