

HESC - HEALTH SCIENCE

HESC 1105 Introduction to the Health Professions (1-0-1)

An overview of the issues associated with the delivery of health services including the preparation and work environment of the disciplines involved.

HESC 2105 Personal Health (3-0-3)

Principles of personal health and total fitness— physical, mental, social, emotional, and environmental. Emphasis on taking personal responsibility for one's health.

HESC 2125 Applied Nutrition (3-0-3)

An overview of the elements of nutrition as well as current issues in food protection, consumption, and dieting. Health implications for these topics will be emphasized throughout the course.

HESC 3105 Survey of Environmental Health (3-0-3)

Prerequisite: Junior standing. Overview of the various components of the environment and its relationship to health and disease and means of control.

Restriction(s):

Enrollment limited to Junior, Senior, Non-Degree - Undergrad PostBac or Degree - Undergrad PostBac students.

HESC 3165 Working with the Aged (3-0-3)

Techniques of helping the aged deal with the mental, emotional, and physical adjustments inherent in this stage of life.

Restriction(s):

Enrollment limited to Junior, Senior, Non-Degree - Undergrad PostBac or Degree - Undergrad PostBac students.

HESC 4106 Methods and Materials in Health Education (3-0-3)

Prerequisite: Junior standing. Introduction to the methods of education for health. Curriculum patterns in health education and resources available for health instruction.

Restriction(s):

Enrollment limited to Junior, Senior, Non-Degree - Undergrad PostBac or Degree - Undergrad PostBac students.

HESC 4107 Fundamentals of School Health (3-0-3)

An introduction to the structures and services of a comprehensive school health program.

Restriction(s):

Enrollment limited to Junior, Senior, Non-Degree - Undergrad PostBac or Degree - Undergrad PostBac students.

HESC 4115 Principles of Epidemiology (3-0-3)

Causal factors in health and disease with analysis of selected diseases.

Restriction(s):

Freshman or Sophomore students may **not** enroll.

HESC 4129 Death and Dying (3-0-3)

An evaluation of current concepts of moral, legal, medical, and psychological aspects of dying and death. Strategies for the health professional assisting people through this final stage of life will be emphasized.

Restriction(s):

Enrollment limited to Junior, Senior, Non-Degree - Undergrad PostBac or Degree - Undergrad PostBac students.

HESC 4145 Working with Families (3-0-3)

Prerequisite: Junior standing. Principles and dynamics of family living and its impact on the development of a healthy individual, with emphasis on the techniques of developing strategies for helping families change.

Restriction(s):

Enrollment limited to Junior, Senior, Non-Degree - Undergrad PostBac or Degree - Undergrad PostBac students.

HESC 4698 Internship (1-10-3)

Prerequisites: Senior standing and consent of department. Field experience in an appropriate agency or occupational setting where the student can gain practical experience in health services. (S/U grading.)

Restriction(s):

Enrollment limited to Senior students.

Enrollment limited to students in the Department Prerequisite college.

HESC 4795 Seminar in Health Science (3-0-3)

Prerequisite: Junior standing. Special topics and problems in the health sciences. May be taken twice for credit if topics differ.

Restriction(s):

Enrollment limited to Junior, Senior, Non-Degree - Undergrad PostBac or Degree - Undergrad PostBac students.

HESC 4899 Independent Study (3-0-3)

Prerequisites: Senior standing, 24 hours of HESC courses, and consent of instructor. Areas and topics vary with professors.

Restriction(s):

Enrollment limited to students in the Department Prerequisite college.

HESC 5106G Behavioral Determinants of Health and Disease (3-0-3)

Prerequisite: Junior standing. Exploration of mind-body connections as related to the development of physical illness as well as optimal well-being. Emphasis is on current research in this subject area.

Restriction(s):

Enrollment is limited to Graduate Level level students.

Enrollment limited to students in the Department Prerequisite college.

HESC 5106U Behavioral Determinants of Health and Disease (3-0-3)

Prerequisite: Junior standing. Exploration of mind-body connections as related to the development of physical illness as well as optimal well-being. Emphasis is on current research in this subject area.

Restriction(s):

Enrollment limited to Junior, Senior, Non-Degree - Undergrad PostBac or Degree - Undergrad PostBac students.

HESC 5107G Human Sexuality (3-0-3)

Prerequisite: Junior standing. An analysis of the issues surrounding the nature of human sexuality, its genesis, its expressions and its influence on health and disease, and educational strategies useful in sex education classes.

Restriction(s):

Enrollment is limited to Graduate Level level students.

Enrollment limited to students in the Department Prerequisite college.

HESC 5107U Human Sexuality (3-0-3)

An analysis of the issues surrounding the nature of human sexuality, its genesis, its expressions and its influence on health and disease, and educational strategies useful in sex education classes.

Prerequisite(s): BIOL 2221

Restriction(s):

Freshman, Sophomore or High School Dual Enrollment students may **not** enroll.

HESC 5108G Consumer Health (3-0-3)

An analysis of information requisites to being an informed consumer of health-related products. Fraud, quackery, and consumer protection systems will be included.

Restriction(s):

Enrollment is limited to Graduate Level level students.
Enrollment limited to students in the Department Prerequisite college.

HESC 5108U Consumer Health (3-0-3)

An analysis of information requisites to being an informed consumer of health-related products. Fraud, quackery, and consumer protection systems will be included.

Restriction(s):

Enrollment limited to Junior, Senior, Non-Degree - Undergrad PostBac or Degree - Undergrad PostBac students.

HESC 5109G Grant Writing for the Health Professions (3-0-3)

Introduction into the techniques of grant writing to include formalizing a conceptual health-related proposal, conducting a community needs assessment, and seeking relevant funders.

Restriction(s):

Enrollment is limited to Graduate Level level students.

HESC 5109U Grant Writing for the Health Professions (3-0-3)

Prerequisite: ENGL 1102 & 1102 with grades of C or better. Introduction into the techniques of grant writing to include formalizing a conceptual health-related proposal, conducting a community needs assessment, and seeking relevant funders.

Prerequisite(s): (ENGL 1101 with a minimum grade of C and ENGL 1102 with a minimum grade of C)

Restriction(s):

Enrollment limited to Junior, Senior or Degree - Graduate students.
Enrollment limited to students in a Bachelor of Science or Bachelor of Science in Educ. degrees.
Enrollment limited to students in the College of Educ Health Prof college.

HESC 5187G Research Methods for the Health Professions (3-0-3)

This course is an advanced seminar for health educators and promoters, and focuses on understanding and applying scientific research principles to the field of health science. The course will cover a broad range of research topics including but not limited to the role of theory in research, testing theories and hypotheses, developing research questions and reviewing the literature, selecting an appropriate study design, collecting and analyzing data, and interpreting and disseminating study findings.

Restriction(s):

Enrollment is limited to Graduate Level level students.
Enrollment limited to students in the Department Prerequisite college.

HESC 5187U Research Methods for the Health Professions (3-0-3)

This course is an advanced seminar for health educators and promoters, and focuses on understanding and applying scientific research principles to the field of health science. The course will cover a broad range of research topics including but not limited to the role of theory in research, testing theories and hypotheses, developing research questions and reviewing the literature, selecting an appropriate study design, collecting and analyzing data, and interpreting and disseminating study findings.

Prerequisite(s): BIOL 2221 with a minimum grade of C and STAT 1401 with a minimum grade of C and ENGL 1101 with a minimum grade of C and ENGL 1102 with a minimum grade of C

Restriction(s):

Freshman, Sophomore or High School Dual Enrollment students may **not** enroll.

HESC 5188G Contemporary Health Problems (3-0-3)

Prerequisite: Junior standing. A study of current health problems of major concern in the U.S., their antecedents and role of the educational system in their mitigation.

Restriction(s):

Enrollment is limited to Graduate Level level students.
Enrollment limited to students in the Department Prerequisite college.

HESC 5188U Contemporary Health Problems (3-0-3)

Prerequisite: Junior standing. A study of current health problems of major concern in the U.S., their antecedents and role of the educational system in their mitigation.

Restriction(s):

Enrollment limited to Junior, Senior, Non-Degree - Undergrad PostBac or Degree - Undergrad PostBac students.

HESC 5795G Seminar in Alcohol and Drug Abuse (3-0-3)

Physical, psychological, social, and legal dimensions of habituating substances.

Restriction(s):

Enrollment is limited to Graduate Level level students.
Enrollment limited to students in the Department Prerequisite college.

HESC 5795U Seminar in Alcohol and Drug Abuse (3-0-3)

Physical, psychological, social, and legal dimensions of habituating substances.

Restriction(s):

Freshman or Sophomore students may **not** enroll.