HEALTH SCIENCES (HSCI)

Courses

HSCI 021. Introduction to Public Health. 3 Credits.
In this introductory investigation of public health, students will explore the development and scope of the discipline of public health, and issues that have been raised with regard to the practice of public health.

HSCI 056. D1: Antiracism and Health. 3 Credits.
Provides an appreciation for antiracist health-professionalism by examining the intersection of racism and healthcare and how this intersection shapes the way we treat and interact with one another across a wide spectrum of differing identities.

HSCI 080. Epidemics: Dynam of Inf Diseas. 3 Credits.
Through the analysis of historical and fictional infectious disease outbreaks, explores factors which encourage and encourage the emergence of infectious disease. Also examines examples of how disease has influenced human history, focusing on the impact of disease on the rise and fall of civilizations.

HSCI 090. Internship. 1-3 Credits.
On-site supervised work experience combined with a structured academic learning plan directed by a faculty member or a faculty-staff team in which a faculty member is the instructor of record, for which academic credit is awarded. Offered at department discretion.

HSCI 092. Independent Study. 1-18 Credits.
A course which is tailored to fit the interests of a specific student, which occurs outside the traditional classroom/laboratory setting under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

HSCI 096. Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.

HSCI 103. D2: Fndns of Global Health. 3 Credits.
Explores global health and global health challenges affecting people primarily in developing or resource-constrained countries. Prerequisite: Minimum Sophomore standing. Cross-listed with: ANTH 173, HSOC 103.

HSCI 120. SU: Read and Eval Rsch in Hlth. 3 Credits.
Exploration of research methods as they pertain to public health and sustainability. With an emphasis on the multiple dimensions of sustainability and health disparities, students will evaluate and analyze primary, secondary and tertiary sources of information. Prerequisite: HSCI 021.

HSCI 130. Health Promotion. 3 Credits.
An overview of health promotion across the lifespan, from local, national and global perspectives. Examination of the influences on health and risk, strategies to promote health, and evaluation of outcomes. Students will engage in 8-10 hours of service learning. Prerequisite: HSCI 021.

HSCI 140. Struct & Finan of US Hlthcare. 3 Credits.
Organization and financing of the U.S. health care system; discussion of current issues in health reform. Prerequisite: HSCI 021; ENGS 001 or equivalent.

HSCI 160. Health Communication. 3 Credits.
Students will work together to investigate the nature of health communication and explore the ways in which health communication is intertwined with public health and health care. Prerequisites: HSCI 021, ENGS 001 or equivalent; minimum Sophomore standing.

HSCI 190. Internship. 1-18 Credits.
On-site supervised work experience combined with a structured academic learning plan directed by a faculty member or a faculty-staff team in which a faculty member is the instructor of record, for which academic credit is awarded. Offered at department discretion.

HSCI 192. Independent Study. 1-18 Credits.
A course which is tailored to fit the interests of a specific student, which occurs outside the traditional classroom/laboratory setting under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

HSCI 196. Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.

HSCI 197. Teaching Assistantship. 1-3 Credits.
Undergraduate student service as a teaching assistant, usually in an introductory-level course in the discipline, for which credit is awarded. Offered at department discretion.

HSCI 198. Undergraduate Research. 1-18 Credits.
Undergraduate student work on individual or small team research projects under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

HSCI 202. Epi, Pub Hlth & Emerg Disease. 3 Credits.
Explores the role of epidemiology in public health, focusing on current and emerging diseases and the principles, concepts, and methods of population-based epidemiology - the study of patterns and determinants of disease in populations. Topics will include measuring disease frequency, rates and proportions, application of epidemiologic study design and disease investigation. Prerequisite: HSCI 120.

HSCI 240. Project Planning and Eval.. 3 Credits.
In stages, create a project proposal and evaluation plan for a health-related program. A complete proposal and evaluation plan will be required of each student as the final course outcome. Prerequisites: HSCI 130; Health Sciences major; minimum Junior standing.

HSCI 250. Writing for Health Profess.. 3 Credits.
Review of principles of good writing with an emphasis on non-technical writing commonly used in health care organizations, and organizations that support health and health care in the U.S. and globally. Adaptation of materials for lay or low literacy audiences. Prerequisites: HSCI 160; Health Sciences major; minimum Junior standing.
HSCI 280. Capstone. 3 Credits.
The health-related capstone is a service-learning based course that provides an opportunity for students to integrate their academic learning and skills while gaining exposure to health issues and populations through a service placement with a community agency. Prerequisites: All HSCI required courses unless permission granted from instructor; Health Sciences Majors Only; Senior Standing.

HSCI 290. Internship. 1-18 Credits.
On-site supervised work experience combined with a structured academic learning plan directed by a faculty member or a faculty-staff team in which a faculty member is the instructor of record, for which academic credit is awarded. Offered at department discretion.

HSCI 292. Independent Study. 1-18 Credits.
A course which is tailored to fit the interests of a specific student, which occurs outside the traditional classroom/laboratory setting under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

HSCI 296. Special Topics. 1-18 Credits.
See Schedule of Course for specific titles.

HSCI 297. Teaching Assistantship. 1-3 Credits.
Undergraduate student service as a teaching assistant, usually in an introductory-level course in the discipline, for which credit is awarded. Offered at department discretion.

HSCI 298. Undergraduate Research. 1-18 Credits.
Undergraduate student work on individual or small team research projects under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.