



School of Nursing and Health Studies

## Minor in Health Sciences

### For questions about courses, please contact:

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### 21 Hours to earn Minor in Health Sciences:

HLSC 101 - Intro to Health Sciences

HLSC 300 – Diversity in Health

HLSC 410 – Epidemiology

HLSC 430 - Health Program Management

HLSC 440 – Policy and Ethics in Health

HLSC 470 – Technology, Marketing, and Media in Health

Plus one of the following three courses:

- HLSC 450 Urban Health, or HLSC 460 Global Health, or HLSC 480 Leadership and Management in Health Professions

### HLSC 101 Introduction to Health Sciences – 3 credit hours

Prerequisites: None

#### Course Description:

This course introduces students to career options in health sciences. Students will explore basic concepts related to understanding one's role and scope of practice, professional responsibilities, and education and credentialing requirements for various careers in health. The course will explore basic concepts required by any health professional including history, safety, ethics, interpersonal skills, general well-being, as well as special skills and aptitudes required in various health career clusters. Students will explore health career paths in medical, government, business, non-profit, and many other sectors. Additionally, students will explore various campus resources focused on student success strategies.

### HLSC 300 Diversity in Health – 3 credit hours

Prerequisites: HLSC 101

#### Course Description:

This course will explore how each individual's social, cultural, political, historical, and economic influences shape the individual's own values, beliefs, and behaviors. This course expands students' basic knowledge of cultural diversity to provide special focus on health disparities among marginalized populations. Students will examine diversity by exploring health inequities related to race and ethnicity, immigration status, disabilities, gender, access, poverty, sexual identity, and veteran status. The course includes experiential learning with organizations focused on reducing health disparities.

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an equal opportunity/affirmative action institution

### **HLSC 410 Epidemiology – 3 credit hours**

Prerequisites: HLSC 101

HLSC 345 – this will be waived as a prerequisite for students pursuing the Minor in Health Sciences

#### **Course Description:**

This course is an introduction to epidemiology with an emphasis on applications in public health. Students will learn the basic principles of epidemiology, including the relationship of biostatistics to epidemiology and public health, methods of disease investigation, epidemiological study designs and their uses and measures of effects. Through the course, students will be able to apply measures of disease incidence and prevalence, determine crude and adjusted rates, and explain the uses of screening tests and criteria for their evaluation, including measures of validity. The class will explore ways that epidemiology is used in environmental health and social sciences, as well as applications in molecular and genetic epidemiology.

### **HLSC 430 Health Program Management – 3 credit hours**

Prerequisites: HLSC 101

HLSC 310 – this will be waived as a prerequisite for students pursuing the Minor in Health Sciences

#### **Course Description:**

This course is designed to acquaint students with the range of issues raised by health finance, particularly as these affect health program management, health policy, health delivery, and population health. The course provides a broad introduction to key concepts, issues, tools, and vocabulary useful for policy makers, consumers, and potential administrators. Funding, planning, implementation, and evaluation mechanisms specific to government agencies, private insurance, and managed care will be explored.

### **HLSC 440 Policy and Ethics in Health - 3 credit hours**

Prerequisites: HLSC 101 and HLSC 300

#### **Course Description:**

This course is designed to present an overview of policy and professional ethics within health based organizations and includes discussion of how ethics drive policy decisions. Attention is given to the relationship between these issues and improving health delivery and outcomes. How health policy is created, including financing will be discussed.

### **HLSC 470 Technology, Marketing and Media in Health - 3 credit hours**

Prerequisites: HLSC 101 and a prerequisite or co-requisite of HLSC 440

#### **Course Description:**

This course will focus on current technology trends in consumer health (i.e. mobile apps), personal health data, health data storage, technology infrastructures, as well as health risk assessment tools. Course content will link marketing and media messages in the health profession with technologically advance delivery tools. Students will discuss the philosophical, social and legal issues in the use (and abuse) as it related to health technology, health marketing, and health in the media.

**STUDENTS WILL SELECT ONE OF THE FOLLOWING THREE COURSES  
DEPENDING ON THEIR SPECIFIC AREA OF INTEREST:**

**HLSC 450 – Urban Health – 3 credit hours**

Prerequisites: HLSC 101 and HLSC 300

**Course Description:**

This course focuses on the unique health needs and outcomes of individuals and communities located within an urban core. Also included are the specific ways in which health interventions can be delivered to this population to promote better health outcomes and quality of life. The course provides information on the role of urban characteristics including crowding, poverty and crime in exacerbating health and wellness needs of this historically underserved community.

**HLSC 460 Global Health - 3 Credit Hours**

Prerequisites: HLSC 101 and HLSC 300

**Course Description:**

This course discusses the complexity of health in a global context. It is designed as an overview of the biological, social and environmental contributors to health and diseases in populations around the world. Course content will include case studies of various global organizational structures and systems relative to population health, selected infectious diseases, nutritional deficiencies and health effects of environmental change.

**HLSC 480 Leadership and Management in Health Professions – 3 credit hours**

Prerequisites: HLSC 101 and HLSC 300

**Course Description:**

This course will provide the student with a theoretical foundation of leadership and management in health professions. The principles of authority, power, politics, decision making, and influence will be explored. Organizational philosophies will be examined within the context of current health issues. The leadership skills of negotiation, delegation, conflict resolution, coaching and mentoring will be discussed, as related to health professions. The role of communication will be examined across organization systems. The effect on gender and cultural diversity on communication will be discussed.