

# GLOBAL HEALTH

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## Courses

### **GH 100 - Introduction to Global Health (4 Credit Hours)**

The course will provide an overview of health from a global perspective with a societal and anthropological focus. The purpose of the course is to evaluate the patterns and societal issues associated with understanding and responses to diseases. Furthermore, students will have an opportunity to analyze quantitative and qualitative data in order to address policy and programmatic change. Central to the course is a critical examination of health disparities, the interaction between health and the environment, and the burden of disease and mortality. Upon completion of the course, students will be competent in addressing global health issues with a critical lens and from a culturally relevant perspective.

### **GH 199 - Introductory Topics in Global Health (1-4 Credit Hours)**

A general category used only in the evaluation of transfer credit.

### **GH 201 - Global Health Research Methods (4 Credit Hours)**

This course provides an introduction to the fundamentals of research study design and methods and data collection in the discipline of Global Health. It serves as an introduction to quantitative, qualitative, mixed methods and participatory approaches to research, as well as ethical issues in conducting research. Through different types of texts and articles from global health literature and course work, students will build skills for conducting research and evaluation.

**Prerequisite(s):** GH 100.

### **GH 202 - Epidemiology (4 Credit Hours)**

In this introductory course, students will learn and apply basic concepts of epidemiology to multiple domains of global health. We will illustrate and practice using epidemiology to better understand, characterize, and promote health at a population level. The class will engage the students in active and collaborative learning through team activities, case studies, group discussion, and individual projects. Using a case-study approach, the course will consider a variety of diseases or health problems of international importance and will focus on approaches to dealing with these different problems, and the methodologies used to study them. This course will allow students to gain both skills and a greater understanding of global health research and practice as it applies to global health. Each week students will be introduced to epidemiological methods in a lab format in a three hour time block. This course counts for "non-lab" science GE.

**Prerequisite(s):** GH 100.

### **GH 250 - Special Topics in Global Health (1-4 Credit Hours)**

This course provides a venue to explore different topics in Global Health.

### **GH 299 - Intermediate courses in Global Health (1-4 Credit Hours)**

A general category used only in the evaluation of transfer credits.

### **GH 350 - Special Topics in Global Health (1-4 Credit Hours)**

This course provides a venue to explore different topics in Global Health.

### **GH 352 - Planetary Health (4 Credit Hours)**

Human health is intimately linked to the natural systems on which it depends. With advances in technology, agriculture, and health knowledge, humans are living longer than ever. However, those same technologies have pushed planetary systems to a breaking point. This class seeks to elaborate a path forward that recognizes the profound impact human 'progress' has on our planet and the reciprocal impact changes in natural systems will have on the future of human health.

**Prerequisite(s):** GH 100.

**Crosslisting:** SES 352.

### **GH 361 - Directed Study (1-4 Credit Hours)**

### **GH 362 - Directed Study (1-4 Credit Hours)**

### **GH 363 - Independent Study (1-4 Credit Hours)**

### **GH 364 - Independent Study (1-4 Credit Hours)**

### **GH 399 - Advanced topics in Global Health (1-4 Credit Hours)**

A general category used only in the evaluation of transfer credit.

### **GH 400 - Global Health Capstone (4 Credit Hours)**

The main purpose of this course is to provide the culminating, integrative curricular experience during the last year of the major. As such, the course draws on students' prior training in the three other core courses and their experiential learning experience gained in the field prior to their graduation. More than just providing a review of the GH curriculum, however, the Capstone is designed to challenge students to reflect and integrate their experiential learning with the goal of developing their own individual point of view regarding the role of global health in contributing to the improvement of the health and well being of populations across the globe.

**Prerequisite(s):** GH 202.

### **GH 451 - Senior Research (4 Credit Hours)**

Research in selected topic of Global Health.

### **GH 452 - Senior Research (4 Credit Hours)**

Research in selected topics of Global Health.