

Global Health Major: Spring 2023 Course Offerings

Note: Created on Oct. 18 - course offerings may change.

Mathematics and Statistics Courses

Math 112: Algebra
Math 113: Trigonometry
Math 114: Algebra and Trigonometry
Stats 301: Intro to Statistical Methods
Stats 371: Intro to Applied Statistics for the Life Sciences
Stats 240: Data Science Modeling I

Social Science B Courses

AAE 215: Intro to Agricultural and Applied Economics
C&E Soc 140: Intro to Community and Envir. Sociology
Geog 101: Intro to Human Geography
Geog 139: Global Environmental Issues
Intl St 101: Intro to International Studies
LSC 212: Intro to Scientific Communication
Philo 241: Introductory Ethics
Poli Sci 272: Intro to Public Policy

Core Courses

Pop Hlth 370: Introduction to Public Health
Agronomy 377: Food Production and Global Health
Hist Sci 213: Global Environmental Health
Micro 345: Introduction to Disease Biology
Nutr Sci 379: Introduction to Epidemiology

Depth Courses: Public Health, Policy, and Development

Econ 548: Economics of Healthcare
Gen&WS 534: Gender, Sexuality, and Reproduction
Gen&WS 535: Women's Global Hlth and Human Rights
*Legal St 473: Health Impacts of Unmet Social Needs**
Med Hist 509: Development of Public Health in America
Med Hist 558: Ethical Issues in Health Care
Nutr Sci 379: Introduction to Epidemiology
Pop Hlth 370: Introduction to Public Health
Pub Affr 520: Inequality, Race, and Public Policy
*Relig St 475: Religion, Global and Public Health***
Soc 630: Sociology of Developing Societies/Third World

General Chemistry Courses

Chem 103: General Chemistry I
Chem 104: General Chemistry II

Introductory Biology Courses

Bio 151: Introductory Biology
Bio 152: Introductory Biology
Zoo 101: Animal Biology
Zoo 102: Animal Biology Laboratory
Botany 130: General Botany
Biocore 383: Cellular Biology
Biocore 384: Cellular Biology Lab

Social Science A Courses

Amer Ind 100: Intro to American Indian Studies
Anthro 265: Introduction to Culture and Health
Gen&WS 103: Gender, Women, Bodies and Health
Soc 134: Soc. of Race & Ethnicity in the United States
Soc 170: Population Problems

Capstone Courses

Entom 570: Systems Thinking in Global Health
Gen&WS 535: Women's Global Hlth and Human Rights
Biocore 587: Biological Interactions

Depth Courses: Disease Biology

Anat&Phys 335: Physiology
Anat&Phys 435: Fundamentals of Human Physiology
Ani Sci 320: Animal Health and Disease
Biochem 301: Survey of Biochemistry
Biochem 501: Intro to Biochemistry
Biocore 587: Biological Interactions
Genetics 466: Principles of Genetics
Genetics 548: The Genomic Revolution
MM&I 575: Biology of Viruses
Micro 303: Biology of Microorganisms
Micro 304: Biology of Microorganisms Laboratory
Micro 335: Microbiome of Plants, Animals, and Humans
Micro 345: Introduction to Disease Biology
M&EnvTox 626: Toxicology II
Path 404: Pathophysiologic Principles of Human Disease
Path-Bio 350: Parasitology

Depth Courses: Food Systems and Nutrition

AAE 477: Agricultural and Econ. Development in Africa
Agronomy 338: Plant Breeding and Biotechnology
Agronomy 377: Food Production and Global Health
Biochem 510: Nutritional Biochemistry and Nutrition
Botany 474: Ethnobotany
Geog 309: People, Land, and Food
Hort 360: Genetically Modified Crops
Nutr Sci 332: Human Nutritional Needs
Nutr Sci 431: Nutrition in the Life Span
Nutr Sci 621: Introduction to Nutritional Epidemiology

Depth Courses: Ecosystem Sust. and Planetary Health

AAE 334: Environmental Economics
Botany 460: General Ecology
Civ Engr 423: Air Pollution, Measurement and Control
C&E Soc 540: Intl. Develop., Environ. & Sustainability
Envir St 465: Global Environmental History
Geog 332: Global Warming: Science and Impacts
Geog 339: Environmental Conservation
Geog 371: Intro to Environmental Remote Sensing
Geog 377: Intro to Geographic Information Systems
M&EnvTox 631: Toxicants in the Environment
Pop Hlth 471: Introduction to Environmental Health

Notes:

* This course is part of the [Resource Navigator Program](#), which is an internship with the Center for Patient Partnerships that students must apply to. Applications for Spring 2023 are open and due by November 7, 2022.

** For Spring 2023 Relig St 475 will only be offered as part of a special 'Spring Interest Group (SPRIG)' that is paired with Pop Hlth 370. Students will enroll in both courses and a specific Pop Hlth 370 discussion section as part of [SPRIG 94](#). All students who have not already completed Pop Hlth 370 are eligible for this SPRIG. To sign up for this SPRIG please visit the [FIG program](#).