

Global Health Major: Fall 2023 Course Offerings

Mathematics and Statistics Courses

Math 112: Algebra
Math 113: Trigonometry
Math 114: Algebra and Trigonometry
Math 171: Calculus with Algebra and Trigonometry I
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
Agroecol 103: Agroecology
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
LSC 251: Science, Media and Society
Philos 241: Introductory Ethics
Poli Sci 272: Intro to Public Policy
Relig St 102: Exploring Religion in Sickness and Health

Depth Courses: Public Health, Policy, and Development

AAE 373: Globalization, Poverty and Development
C&E Soc 533: Public Health in Rural & Urban Comm.
*CSCS 470: Human Rights of Children and Youth***
Econ 548: Economics of Healthcare
French 288: Doctors without Borders
Gen&WS 535: Women's Global Hlth and Human Rights
Gen&WS 537: Childbirth in the United States
*ISyE 417: Health Systems Engineering***
*Legal St 473: Health Impacts of Unmet Social Needs****
*LSC 617: Health Communication in the Info. Age***
*LSC 625: Risk Communication***
Soc 630: Sociology of Developing Societies/Third World

***New courses added to the Fall 2023 curriculum, which may need to be moved in DARS. Contact your advisor if not counting in DARS after enrollment.*

**** This course is part of the [Resource Navigator Program](#), which is an internship that students must apply to. Applications for Fall 2023 will be due by Monday, April 17th.*

General Chemistry Courses

Chem 103: General Chemistry I
Chem 104: General Chemistry II
Chem 109: Advanced General Chemistry
Chem 115: Chemical Principles I

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 381: Evolution, Ecology and Genetics
Biocore 382: Evolution, Ecology and Genetics Lab

Social Science A Courses

Amer Ind 100: Intro to American Indian Studies
Gen&WS 102: Gen., Women & Soc. in Global Perspec.
Gen&WS 103: Gender, Women, Bodies and Health
Soc 134: Soc. of Race & Ethnicity in the United States
Soc 170: Population Problems

Core Courses

Entom 205: Our Planet, Our Health
Nutr Sci 203: Intro to Global Health
PI Path 311: Global Food Security
AAE 352: Global Health: Econ., Nat. Systems, and Policy

Depth Courses: Food Systems and Nutrition

An Sci 370: Livestock Prod. & Health in Ag. Development
Biochem 510: Nutritional Biochemistry and Nutrition
C&E Soc 341: Labor in Global Food Systems
Hort 350: Plants and Human Wellbeing
Hort 376: Tropical Horticultural Systems
Micro 325: Food Microbiology
Nutr Sci 332: Human Nutritional Needs
Nutr Sci 377: Cultural Aspects of Food and Nutrition
PI Path 311: Global Food Security
Soil Sci 301: General Soil Science

Depth Courses: Disease Biology

Anat&Phys 335: Physiology
Biochem 501: Intro to Biochemistry
Biocore 485: Principles of Physiology
Biocore 486: Principles of Physiology Laboratory
Genetics 466: Principles of Genetics
Genetics 565: Human Genetics
MM&I 528: Immunology
Micro 303: Biology of Microorganisms
Micro 304: Biology of Microorganisms Laboratory
M&EnvTox 625: Toxicology I

Depth Courses: Ecosystem Sust. and Planetary Health

AAE 352: Global Health: Econ., Nat. Systems, and Policy

Agronomy 370: Grassland Ecology

Botany 460: General Ecology

Botany 651: Conservation Biology

Civ Engr 421: Environmental Sustainability Engineering

Envir St 306: Indigenous Peoples and the Environment

F&W Ecol 360: Extinction of Species

Geog 339: Environmental Conservation

Geog 377: Intro to Geographic Information Systems

Pop Hlth 502: Air Pollution and Human Health

Soil Sci 323: Soil Biology

URPL 550: Transportation and the Built Environment

Capstone Courses

C&E Soc 533: Public Health in Rural & Urban Comm.

Gen&WS 535: Women's Global Hlth and Human Rights