

# Fall 2026 Global Health Major Courses

Updated 3/20/2026. Please see Course Search & Enroll for more details and current information.

Course name	Number	Title	Credits
<b>Math/Stats</b>			
Math	112	College Algebra	3
Math	113	Trigonometry	3
Math	114	Precalculus	5
Stat	240	Data Science Modeling I	4
Stat	301	Introduction to Statistical Methods	3
Stat	371	Introductory Applied Statistics for the Life Sciences	3
<b>Chemistry</b>			
Chemistry	103	General Chemistry I	4
Chemistry	104	General Chemistry I	5
Chemistry	109	Advanced General Chemistry	5
<b>Biology</b>			
Biology/Zoology	101	Animal Biology	3
Biology/Zoology	102	Animal Biology Laboratory	2
Botany/Biology	130	General Botany	5
Biology/Botany/Zoology	151	Introductory Biology	5
Biology/Botany/Zoology	152	Introductory Biology	5
Biocore	381	Evolution, Ecology, and Genetics	3
Biocore	382	Evolution, Ecology, and Genetics Lab	2
<b>Social Science A</b>			
AfroAmer	151	Introduction to Contemporary Afro-American Society	3
Amer Ind	100	Introduction to American Indian Studies	3
Gen&WS	103	Gender, Women, Bodies, and Health	3
Gen&WS	104	Gender, Sexuality, and Global Health	3
Gen&WS/Soc	200	Introduction to Lesbian, Gay, Bisexual, Transgender and Queer+ Studies	3
Soc	134	Sociology of Race & Ethnicity in the United States	4
Soc	170	Population Problems	3
<b>Social Science B</b>			
AAE	101	Introduction to Agricultural and Applied Economics	4
C&E Soc/Soc	140	Introduction to Community and Environmental Sociology	4
A A E/Econ/Envir St	244	The Environment and the Global Economy	4
C&E Soc/F&W Ecol/Soc	248	Environment, Natural Resources, and Society	3
Geog	101	Introduction to Human Geography	4
Geog/Envir St	139	Global Environmental Issues	3

Intl St	101	Introduction to International Studies	4
LSC	212	Introduction to Scientific Communication	3
LSC	251	Science, Media and Society	3
Med Hist/Anthro	231	Introduction to Social Medicine	3
Philos	241	Introductory Ethics	4
Relig St	102	Exploring Religion in Sickness and Health	3
<b>Core</b>			
Entom	205	Our Planet, Our Health	3
Plant Path	311	Global Food Security	3
AAE	352	Global Health: Economics, Natural Systems, and Policy	4
Nutr Sci	379	Introduction to Epidemiology	3
<b>Depth (Public Health, Policy, and Development)</b>			
AAE/Intl St	373	Globalization, Poverty and Development	3
C&E Soc/Soc	533	Public Health in Rural & Urban Communities	3
CSCS	500	Global Health and Communities: From Research to Praxis	3
French	288	Doctors without Borders (Médecins Sans Frontières)	3
Inter-Ag	473	Health Impacts of Unmet Social Needs*	3
Com Arts/Journ/LSC	617	Health Communication in the Information Age	3
LSC	625	Risk Communication	3
Nutr Sci	379	Introduction to Epidemiology	3
Pub Affairs	520	Inequality, Race and Public Policy	3
C&E Soc/Soc	630	Sociology of Developing Societies/Third World	3
<b>Depth (Food Systems and Nutrition)</b>			
A A E/Econ	477	Agricultural and Economic Development in Africa	3
Biochem/Nutr Sci	510	Nutritional Biochemistry and Metabolism	3
C&E Soc/A A E/Soc	340	Issues in Food Systems	3-4
PlantSci	350	Plants and Human Wellbeing	2
Microbio	325	Food Microbiology	3
Nutr Sci	332	Human Nutritional Needs	3
Plant Path	311	Global Food Security	3
Soil Sci	301	General Soil Science	3
<b>Depth (Ecosystem Sustainability and Planetary Health)</b>			
AAE	352	Global Health: Economics, Natural Systems, and Policy	4
Agroecol	370	Grassland Ecology	3
Botany/F&W Ecol/Zoology	460	General Ecology	4
Botany	516	Conservation Biology	3
Civ Engr	421	Environmental Sustainability Engineering	3
C&E Soc/Envir St/Soc	540	Sociology of International Development, Environment, and Sustainability	3
Entom	490	Biodiversity and Global Change	3

Envir St/Amer Ind	306	Indigenous Peoples and the Environment	3
Envir St/Philos	441	Environmental Ethics	3
F&W Ecol/Envir St/Zoology	360	Extinction of Species	3
Geog/Envir St	337	Nature, Power and Society	3
Geog/Envir St	339	Conservation and Climate Change - Local to International Strategies	4
Geog/Civ Engr/Envir St	377	An Introduction to Geographic Information Systems	4
Microbio/Soil Sci	425	Environmental Microbiology	3
Pop Hlth/Envir St	502	Air Pollution and Human Health	3
Soil Sci	323	Soil Biology	3
Soil Sci/Envir St	324	Soils and Environmental Quality	3
<b>Depth (Disease Biology)</b>			
Anat&Phy	335	Physiology	5
Biochem	501	Introduction to Biochemistry	3
Biocore	485	Principles of Physiology	3
Biocore	486	Principles of Physiology Laboratory	2
Entom/Zoology	371	Medical Entomology: Biology of Vector and Vector-borne Diseases	3-4
Genetics	466	Principles of Genetics	3
Genetics/MD Genet	565	Human Genetics	3
M M & I/Path-Bio	528	Immunology	3
Microbio	303	Biology of Microorganisms	3
Microbio	304	Biology of Microorganisms Laboratory	2
M&Envtox/Oncology/Phm Sci/Phmcol-M/Pop Hlth	625	Toxicology I	3
Path-Bio	307	Superbugs, Sex, & Drugs: Why Modern Medicine Needs Evolutionary Biology	2
<b>Depth (Optional Field Experience)</b>			
Nutr Sci	421	South Madison Community Engagement and Youth Nutrition Education* (Slow Food)	2
<b>Capstone</b>			
C&E Soc/Soc	533	Public Health in Rural & Urban Communities	3
CSCS	500	Global Health and Communities: From Research to Praxis	3

*\*Denotes a program that requires an application*

*Note: Some courses may have listed pre-requisites or enrollment restrictions less commonly taken by Global Health students. Pay attention to pre-reqs and check enrollment restrictions in Course Search & Enroll.*