

# GLOBAL HEALTH, BS

Global health is about improving health for everyone while considering the connections among people, animals, plants, and the planet. Students explore how human health intersects with economic development, healthcare access, food systems, environmental health, and climate change in order to address the root causes of disease around the world. The program helps students develop broad public health and planetary-scale perspectives that can be applied to community, state, national, and international health challenges.

Students in the Global Health Major study human health and well-being with an emphasis on empathy, cultural awareness, and collaborative approaches. The major combines bioscience and social science to provide students with foundational knowledge in disease biology, epidemiology, food systems, environmental health, and public health. Majors are encouraged to pursue their own areas of interest through coursework and by participating in field experiences, laboratory research, internships, and volunteer work.

The Global Health Major prepares students for a wide variety of careers. Students can become healthcare professionals well-informed about the systems that impact patient health. They can become epidemiologists or research scientists in academia or with government agencies, or community health professionals working on policy, education, or communication for governmental agencies or non-governmental organizations anywhere in the world. The program supports students who intend to go directly into the workforce after graduation, as well as those who plan to further their education through graduate or professional programs.

## LEARN THROUGH HANDS-ON, REAL-WORLD EXPERIENCES

Students can apply their course learning to real life by participating in global health field experiences (<https://globalhealth.cals.wisc.edu/about-the-certificate/field-experiences/>), which provide opportunities to study and help mitigate real-world health challenges. Additionally, students gain experience through laboratory courses and through independent study in research labs that focus on health-related issues such as infectious diseases, environmental health, sustainable agriculture, and community engagement. Campus internship programs through the Wisconsin Area Health Education Centers (<https://ahec.wisc.edu/>), Center for Patient Partnerships (<https://patientpartnerships.wisc.edu/>), and Study Abroad (<https://studyabroad.wisc.edu/intern-abroad/>) are also options for global health majors.

## BUILD COMMUNITY AND NETWORKS

Many advanced courses enroll 15-50 students allowing students to get to know faculty and instructors personally. Students also have opportunities to connect with other global health major and certificate students through classes, events, field experiences, and student organizations.

## CUSTOMIZE A PATH OF STUDY

In addition to a set of core courses, students are encouraged to take classes to explore and identify their particular areas of interest within the broader field of global health. Students also tailor their major and

Wisconsin Experience through global health field programs, laboratory research, capstone courses, internships, and volunteer work.

## MAKE A STRONG START

A number of first-year seminar courses are available to help new students understand academic programs, access student services, and develop time management and study skills.

## GAIN GLOBAL PERSPECTIVE

Global health students learn to take a broad, planetary-scale perspective, and apply it to challenges at community, state, national, and international levels. This big-picture perspective is interwoven through nearly all aspects of the Global Health Major, including classes, capstone experiences, lab opportunities, and internships. Global health field experiences, which range from one week to a full semester, expose students first-hand to complex global health challenges in diverse settings and give them the opportunity to learn from community members and practitioners who are working to address these issues. Students can explore studying abroad as a Global Health major by utilizing the Global Health Major Advising Page. Students work with their advisor and the CALS Study Abroad Office to identify appropriate programs.

## HOW TO GET IN

### HOW TO GET IN

Requirements	Details
How to get in	No application required. All students who meet the requirements listed below are eligible to declare. For information on how to declare, visit Advising & Careers.
Courses required to get in	None
GPA requirements to get in	None
Credits required to get in	Must have fewer than 86 credits.
Other	Students who do not meet the requirements above or are not in good academic standing should schedule a meeting with CALS Dean on Call ( <a href="https://go.wisc.edu/g85h79">https://go.wisc.edu/g85h79</a> ( <a href="https://go.wisc.edu/g85h79/">https://go.wisc.edu/g85h79/</a> )) to discuss exceptions.

## PROSPECTIVE UW-MADISON STUDENTS

All prospective UW-Madison students must apply through the Office of Admissions and Recruitment (<https://www.admissions.wisc.edu/>).

Students interested in this major should select it as the first choice major on their UW-Madison application. Admitted students who enroll at UW-Madison and attend Student Orientation, Advising, and Registration (SOAR) with the College of Agricultural and Life Sciences have the option to declare this major at SOAR. More information is available here (<https://cals.wisc.edu/academics/undergraduate/future-students/>).

Students cannot earn both the Global Health certificate and the Global Health major. Additionally, students declared in the Global Health major cannot earn the Health and the Humanities certificate.

## ADDITIONAL MAJOR IN GLOBAL HEALTH

Current UW-Madison students in other schools and colleges interested in completing an additional ("double") major in Global Health should consult with a global health advisor. Advisor contact information is found on the advising and careers tab.

### REQUIREMENTS

## UNIVERSITY GENERAL EDUCATION REQUIREMENTS

All undergraduate students at the University of Wisconsin-Madison are required to fulfill a minimum set of common university general education requirements to ensure that every graduate acquires the essential core of an undergraduate education. This core establishes a foundation for living a productive life, being a citizen of the world, appreciating aesthetic values, and engaging in lifelong learning in a continually changing world. Various schools and colleges will have requirements in addition to the requirements listed below. Consult your advisor for assistance, as needed. For additional information, see the university Undergraduate General Education Requirements (<https://guide.wisc.edu/undergraduate/#requirementsforundergraduatestudytext>) section of the Guide.

General Education	<ul style="list-style-type: none"> <li>• Breadth-Humanities/Literature/Arts: 6 credits</li> <li>• Breadth-Natural Science: 4 to 6 credits, consisting of one 4- or 5-credit course with a laboratory component; or two courses providing a total of 6 credits</li> <li>• Breadth-Social Studies: 3 credits</li> <li>• Communication Part A &amp; Part B *</li> <li>• Ethnic Studies *</li> <li>• Quantitative Reasoning Part A &amp; Part B *</li> </ul>
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\* The mortarboard symbol appears before the title of any course that fulfills one of the Communication Part A or Part B, Ethnic Studies, or Quantitative Reasoning Part A or Part B requirements.

## COLLEGE OF AGRICULTURAL AND LIFE SCIENCES REQUIREMENTS

In addition to the University General Education Requirements, all undergraduate students in CALS must satisfy a set of college and major requirements. Courses may not double count within university requirements (General Education and Breadth) or within college requirements (First-Year Seminar, International Studies, Science, and Capstone), but courses counted toward university requirements may also be used to satisfy a college and/or a major requirement; similarly, courses counted toward college requirements may also be used to satisfy a university and/or a major requirement.

## COLLEGE REQUIREMENTS FOR ALL CALS BS DEGREE PROGRAMS

Code	Title	Credits
	Quality of Work: Students must maintain a minimum cumulative grade point average of 2.000 to remain in good standing and be eligible for graduation.	

Residency: Students must complete 30 degree credits in residence at UW-Madison after earning 86 credits toward their undergraduate degree.

First year seminar ( <a href="https://guide.wisc.edu/undergraduate/agricultural-life-sciences/#CALSThirdYearSeminarCourses">https://guide.wisc.edu/undergraduate/agricultural-life-sciences/#CALSThirdYearSeminarCourses</a> )	1
International studies ( <a href="https://guide.wisc.edu/undergraduate/agricultural-life-sciences/#CALSIInternationalStudiesCourses">https://guide.wisc.edu/undergraduate/agricultural-life-sciences/#CALSIInternationalStudiesCourses</a> )	3
Physical science fundamentals	4-5
CHEM 103 or CHEM 108 or CHEM 109	General Chemistry I Chemistry in Our World Advanced General Chemistry
Biological science	5
Additional science (biological, physical, or natural)	3
Science breadth (biological, physical, natural, or social)	3
CALS Capstone Learning Experience: included in the requirements for each CALS major (see "major requirements") ( <a href="https://guide.wisc.edu/undergraduate/agricultural-life-sciences/#CALSCapstoneRequirement">https://guide.wisc.edu/undergraduate/agricultural-life-sciences/#CALSCapstoneRequirement</a> )	

## MAJOR REQUIREMENTS

Code	Title	Credits
<b>Major Requirements Overview</b>		
	Fundamental Courses	29
	Core Courses	15
	Depth Courses	15
	Capstone	3
<b>Total Credits</b>		<b>62</b>

## FUNDAMENTAL COURSES

Code	Title	Credits
<b>Fundamental Course Requirements</b>		
	<i>Mathematics: complete one sequence (or satisfy through placement exam)</i>	5-6
MATH 112 & MATH 113	College Algebra and Trigonometry	
MATH 114	Precalculus	
MATH 171 & MATH 217	Calculus with Algebra and Trigonometry I and Calculus with Algebra and Trigonometry II	
	<i>Statistics: complete one course</i>	3
STAT 371	Introductory Applied Statistics for the Life Sciences	
STAT 240	Data Science Modeling I	
STAT 301	Introduction to Statistical Methods	
	<i>General Chemistry: complete one sequence</i>	5-10
CHEM 103 & CHEM 104	General Chemistry I and General Chemistry II	
CHEM 109	Advanced General Chemistry	
CHEM 115 & CHEM 116	Chemical Principles I and Chemical Principles II	
	<i>Introductory Biology: complete one sequence</i>	10

BIOLOGY/ BOTANY/ ZOOLOGY 151 & BIOLOGY/ BOTANY/ ZOOLOGY 152	Introductory Biology and Introductory Biology	
ZOOLOGY/ BIOLOGY 101 & ZOOLOGY/ BIOLOGY 102 & BOTANY/ BIOLOGY 130	Animal Biology and Animal Biology Laboratory and General Botany	
BIOCORE 381 & BIOCORE 382 & BIOCORE 383 & BIOCORE 384	Evolution, Ecology, and Genetics and Evolution, Ecology, and Genetics Laboratory and Cellular Biology and Cellular Biology Laboratory	
<i>Global Health Introductory Social Sciences</i>		6-8
Group A: complete one course (see list below)		
Group B: complete one course (see list below)		

**Total Credits** **29-37**

### Social Science Group A

Code	Title	Credits
AFROAMER 151	Introduction to Contemporary Afro-American Society	3
AMER IND 100	Introduction to American Indian Studies	3
ANTHRO 265	Introduction to Culture and Health	3
GEN&WS 102	Gender, Women, and Society in Global Perspective	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	3-4
SOC 134	Sociology of Race & Ethnicity in the United States	3-4
SOC 170	Population Problems	3-4

### Social Science Group B

Code	Title	Credits
A A E 101	Introduction to Agricultural and Applied Economics	4
A A E/ENVIR ST 244	The Environment and the Global Economy	4
AGROECOL/ C&E SOC/ENTOM/ ENVIR ST 103	Agroecology: An Introduction to the Ecology of Food and Agriculture	3
C&E SOC/SOC 140	Introduction to Community and Environmental Sociology	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	3-4
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	3-4
POLI SCI 272	Introduction to Public Policy	3-4
RELIG ST 102	Exploring Religion in Sickness and Health	3

## CORE COURSES

Code	Title	Credits
<b>Global Health Core Course Requirements</b>		
<i>Gateway Core Requirement: complete one course</i>		3
ENTOM/ ENVIR ST 205	Our Planet, Our Health	
<i>Public Health Core Requirement: complete one course</i>		3
POP HLTH/ C&E SOC 370	Introduction to Public Health	
ENTOM/ NUTR SCI 203	Introduction to Global Health	
<i>Food Systems and Health Core Requirement: complete one course</i>		3
AGROECOL 377	Global Food Production and Health	
PL PATH 311	Global Food Security	
<i>Environmental Health Core Requirement: complete one course</i>		3-4
A A E 352	Global Health: Economics, Natural Systems, and Policy	
HIST SCI/ ENVIR ST 213	Global Environmental Health: An Interdisciplinary Introduction	
<i>Global Disease Biology and Epidemiology Core Requirement: complete one course</i>		3
MICROBIO 345	Introduction to Disease Biology	
NUTR SCI 379	Introduction to Epidemiology	
<b>Total Credits</b>		<b>15-16</b>

## DEPTH COURSES

Complete a minimum of 15 credits of depth courses, with at least 9 credits from one category and at least 6 credits from the other categories. NUTR SCI/INTER-AG 421 Global Health Field Experience can count for a maximum of 3 credits in the additional 6 credits from this requirement. Note: Courses used as Depth courses cannot double count as either core or capstone courses.

### Public Health, Policy, and Development Depth Electives

Code	Title	Credits
A A E/INTL ST 373	Globalization, Poverty and Development	3
C&E SOC/SOC 533	Public Health in Rural & Urban Communities	3
COM ARTS 317	Rhetoric and Health	3
CSCS 410	Human Trafficking: Global and Local Perspectives	3

CSCS 470	The Human Rights of Children and Youth: Global and Local Perspectives	3	SOC/C&E SOC 630	Sociology of Developing Societies/ Third World	3
CSCS 500	Global Health and Communities: From Research to Praxis	3	<b>Food Systems and Nutrition Depth Electives</b>		
DS 521	Environments of Crisis & Design	3	<b>Code</b>	<b>Title</b>	<b>Credits</b>
ECON/POP HLTH/ PUB AFFR 548	The Economics of Health Care	3-4	A A E 319	The International Agricultural Economy	3
FRENCH 288	Doctors without Borders (Médecins Sans Frontières)	3	A A E/ECON 477	Agricultural and Economic Development in Africa	3
GEN&WS 525	Gender and Global Health in Critical Perspective	3	PLANTSCI 338	Plant Breeding and Biotechnology	3
GEN&WS 534	Gender, Sexuality, and Reproduction: Public Health Perspectives	3	AGROECOL 377	Global Food Production and Health	3
GEN&WS/ INTL ST 535	Women's Global Health and Human Rights	3	AN SCI/DY SCI 370	Livestock Production and Health in Agricultural Development	3
GEN&WS/ HIST SCI 537	Childbirth in the United States	3	BIOCHEM/ NUTR SCI 510	Nutritional Biochemistry and Metabolism	3
GEOG 307	International Migration, Health, and Human Rights	3	BOTANY/AMER IND/ ANTHRO 474	Ethnobotany	3-4
HISTORY/ INTL ST 330	Global History of Humanitarianism	3-4	C&E SOC/A A E/ SOC 340	Issues in Food Systems	3-4
HIST SCI 360	Health Inequalities in the Long 20th Century	3	C&E SOC/SOC 341	Labor in Global Food Systems	3
I SY E 417	Health Systems Engineering	3	DY SCI 471	Food Production Systems and Sustainability	3
LEGAL ST 473	Health Impacts of Unmet Social Needs	3	DY SCI/AN SCI/ FOOD SCI/ SOIL SCI 472	Animal Agriculture and Global Sustainable Development	1
LSC/COM ARTS/ JOURN 617	Health Communication in the Information Age	3	DY SCI/AN SCI/ FOOD SCI/ SOIL SCI 473	International Field Study in Animal Agriculture and Sustainable Development	2
LSC 625	Risk Communication	3	GEOG/ ENVIR ST 309	People, Land and Food: Comparative Study of Agriculture Systems	3
MED HIST/ PHILOS 505	Justice and Health Care	3	PLANTSCI 350	Plants and Human Wellbeing	2
MED HIST/ HIST SCI 509	The Development of Public Health in America	3	PLANTSCI 360	Genetically Modified Crops: Science, Regulation & Controversy	2
MED HIST/ PHILOS 515	Public Health Ethics	3	PLANTSCI 376	Tropical Horticultural Systems	2
MED HIST/ AFROAMER/ HIST SCI 523	Race, American Medicine and Public Health	3	PLANTSCI 380	Indigenous Foodways: Food and Seed Sovereignty	2
MED HIST/ PHILOS 558	Ethical Issues in Health Care	3	MED HIST/ C&E SOC/ PHILOS 565	The Ethics of Modern Biotechnology	3
MED HIST/HIST SCI/ HISTORY 564	Disease, Medicine and Public Health in the History of Latin America and the Caribbean	3	MICROBIO/ FOOD SCI 325	Food Microbiology	3
NUTR SCI 379	Introduction to Epidemiology	3	NUTR SCI 332	Human Nutritional Needs	3
POP HLTH/ C&E SOC 370	Introduction to Public Health	3	NUTR SCI/ A A E 350	World Hunger and Malnutrition	3
POP HLTH/ HIST SCI/ MED HIST 553	International Health and Global Society	3	NUTR SCI 377	Cultural Aspects of Food and Nutrition	3
PUB AFFR 520	Inequality, Race and Public Policy	3	NUTR SCI 431	Nutrition in the Life Span	3
RELIG ST 475	Religion, Global and Public Health	3	PL PATH 311	Global Food Security	3
SOC/C&E SOC 343	Sociology of Health and Medicine	3	SOIL SCI 301	General Soil Science	3
SOC/AMER IND/ C&E SOC 578	Poverty and Place	3	<b>Ecosystem Sustainability and Planetary Health Depth Electives</b>		
			<b>Code</b>	<b>Title</b>	<b>Credits</b>
			A A E/ECON/ ENVIR ST 343	Environmental Economics	3-4

A A E 352	Global Health: Economics, Natural Systems, and Policy	4	POP HLTH/ ENVIR ST 502	Air Pollution and Human Health	3
AGROECOL 370	Grassland Ecology	3	SOIL SCI 323	Soil Biology	3
ATM OCN/ ENVIR ST 355	Introduction to Air Quality	3	SOIL SCI/ ENVIR ST 324	Soils and Environmental Quality	3
BOTANY/ F&W ECOL/ ZOOLOGY 460	General Ecology	4	SOIL SCI 430	Soil Pollution and Human Health	3
BOTANY/ENVIR ST/ F&W ECOL/ ZOOLOGY 516	Conservation Biology	3	URB R PL 550	Transportation and the Built Environment	3
CIV ENGR/G L E 421	Environmental Sustainability Engineering	3	<b>Disease Biology Depth Electives</b>		
CIV ENGR 423	Air Pollution Effects, Measurement and Control	3	<b>Code</b>	<b>Title</b>	<b>Credits</b>
C&E SOC/ENVIR ST/ SOC 540	Sociology of International Development, Environment, and Sustainability	3	ANAT&PHY 335	Physiology	5
C&E SOC/SOC 541	Environmental Stewardship and Social Justice	3	ANAT&PHY 435	Fundamentals of Human Physiology	5
ENTOM 490	Biodiversity and Global Change	3	AN SCI/DY SCI 320	Animal Health and Disease	3
ENVIR ST/ AMER IND 306	Indigenous Peoples and the Environment	3	BIOCHEM 301	Survey of Biochemistry	3
ENVIR ST/ PHILOS 441	Environmental Ethics	3-4	BIOCHEM 501	Introduction to Biochemistry	3
ENVIR ST/ HISTORY 465	Global Environmental History	3-4	BIOCORE 485	Principles of Physiology	3
F&W ECOL/ ENVIR ST/ ZOOLOGY 360	Extinction of Species	3	BIOCHEM/ NUTR SCI 560	Principles of Human Disease and Biotechnology	2
GEOG/ATM OCN/ ENVIR ST 332	Global Warming: Science and Impacts	3	BIOCORE 486	Principles of Physiology Laboratory	2
GEOG/ ENVIR ST 337	Nature, Power and Society	3	BIOCORE 587	Biological Interactions	3
GEOG/ ENVIR ST 339	Environmental Conservation	4	ENTOM/ ZOOLOGY 371	Medical Entomology: Biology of Vector and Vector-borne Diseases	3
GEOG/ENVIR ST/ F&W ECOL/ G L E/GEOSCI/ LAND ARC 371	Introduction to Environmental Remote Sensing	3	GENETICS 466	Principles of Genetics	3
GEOG/CIV ENGR/ ENVIR ST 377	An Introduction to Geographic Information Systems	4	GENETICS 548	The Genomic Revolution	3
GEOG/ SOIL SCI 526	Human Transformations of Earth Surface Processes	3	GENETICS/ MD GENET 565	Human Genetics	3
LAND ARC 360	Earth Partnership Restoration Education: Indigenous Arts & Sciences	1	GENETICS 588	Immunogenetics	3
LAND ARC 363	Earth Partnership: Restoration Education for Equity and Resilience	3	M M & I 301	Pathogenic Bacteriology	2
M&ENVTOX/ CIV ENGR/ SOIL SCI 631	Toxicants in the Environment: Sources, Distribution, Fate, & Effects	3	M M & I 341	Immunology	3
MICROBIO/ SOIL SCI 425	Environmental Microbiology	3	M M & I/PATH- BIO 528	Immunology	3
POP HLTH/ ENVIR ST 471	Introduction to Environmental Health	3	M M & I 554	Emerging Infectious Diseases and Bioterrorism	2
			M M & I/ BIOCHEM 575	Biology of Viruses	2
			MICROBIO 303	Biology of Microorganisms	3
			MICROBIO 304	Biology of Microorganisms Laboratory	2
			MICROBIO/AN SCI/ BOTANY 335	The Microbiome of Plants, Animals, and Humans	3
			MICROBIO 345	Introduction to Disease Biology	3
			M&ENVTOX/ ONCOLOGY/ PHM SCI/PHMCOL- M/POP HLTH 625	Toxicology I	3
			M&ENVTOX/PATH/ PHM SCI/PHMCOL- M/POP HLTH 626	Toxicology II	3
			PATH 404	Pathophysiologic Principles of Human Diseases	3
			PATH-BIO 307	Superbugs, Sex, & Drugs: Why Modern Medicine Needs Evolutionary Biology	2

PATH-BIO/ ENTOM/M M & I/ ZOOLOGY 350	Parasitology	3
SURG SCI/ F&W ECOL 548	Diseases of Wildlife	3

## CAPSTONE

Code	Title	Credits
<b>Global Health Capstone Requirement (complete one option)</b>		
ENTOM 570	Systems Thinking in Global Health	
BIOCORE 587	Biological Interactions	
C&E SOC/ SOC 533	Public Health in Rural & Urban Communities	
CSCS 470	The Human Rights of Children and Youth: Global and Local Perspectives	
CSCS 500	Global Health and Communities: From Research to Praxis	
DY SCI 471	Food Production Systems and Sustainability	
GEN&WS/ INTL ST 535	Women's Global Health and Human Rights	

## UNIVERSITY DEGREE REQUIREMENTS

**Total Degree** To receive a bachelor's degree from UW-Madison, students must earn a minimum of 120 degree credits. The requirements for some programs may exceed 120 degree credits. Students should consult with their college or department advisor for information on specific credit requirements.

**Residency** Degree candidates are required to earn a minimum of 30 credits in residence at UW-Madison. "In residence" means on the UW-Madison campus with an undergraduate degree classification. "In residence" credit also includes UW-Madison courses offered in distance or online formats and credits earned in UW-Madison Study Abroad/Study Away programs.

**Quality of Work** Undergraduate students must maintain the minimum grade point average specified by the school, college, or academic program to remain in good academic standing. Students whose academic performance drops below these minimum thresholds will be placed on academic probation.

## LEARNING OUTCOMES

### LEARNING OUTCOMES

1. Describe the current status of health, well-being and sustainability for humans and all life, the environment, and the planet.
2. Compare and contrast health and environmental conditions in the context of local settings and our state with national, international and global settings.
3. Quantify health challenges in terms of the global burden of disease, the human development index, and the metrics associated with the sustainable development goals and the planetary health boundaries.

4. Evaluate the strengths and weaknesses of contemporary initiatives and programs to improve global public health and sustainable systems.
5. Use socioeconomic and political frameworks to characterize health challenges and demonstrate social awareness.
6. Demonstrate interpersonal and communication skills necessary for teamwork and leadership, ethical conduct, cross-cultural collaboration and civic engagement.
7. Use a systems approach to analyze complex relationships related to creating conditions for healthy life, sustainability and survival and describe the challenges and opportunities related to sustainable systems and survival.

## FOUR-YEAR PLAN

### FOUR-YEAR PLAN SAMPLE GLOBAL HEALTH FOUR-YEAR PLAN

Students must complete at least 120 total credits to be eligible for graduation.

#### First Year

Fall	Credits Spring	Credits
Global Health Core Course	3 Global Health Core Course	3
CHEM 103	4 CHEM 104	5
MATH 113	3 LSC 100	3
CALS First Year Seminar	1 Social Science Category A or B	3-4
Elective	2 Elective	1
	<b>13</b>	<b>15-16</b>

#### Second Year

Fall	Credits Spring	Credits
Global Health Core Course	3 Global Health Core Course	3
BIOLOGY/BOTANY/ ZOOLOGY 151	5 BIOLOGY/BOTANY/ ZOOLOGY 152	5
STAT 371	3 Social Science Category A or B	3-4
Ethnic Studies	3 Electives	4
	<b>14</b>	<b>15-16</b>

#### Third Year

Fall	Credits Spring	Credits
Global Health Core Course	3 Global Health Depth Courses	6
Global Health Depth Course	3 Humanities	3
Electives	10 Electives	6
	<b>16</b>	<b>15</b>

#### Fourth Year

Fall	Credits Spring	Credits
Global Health Depth Course	3 Global Health Depth Course	3
Global Health Capstone	3 Humanities	3

Electives	10 Electives	9
	<b>16</b>	<b>15</b>

**Total Credits 119-121**

## ADVISING AND CAREERS

### ADVISING AND CAREERS

#### ADVISING

Each student is assigned an academic advisor who works to understand student goals and helps each student shape their unique Wisconsin Experience and make the most of their time at UW-Madison. Advisors also provide students career advising, as well as resources and guidance on planning for post-college activities such as graduate/professional school and “gap year” experiences.

**Connect with Global Health Advisors (<https://globalhealth.cals.wisc.edu/advising/>)**

#### CAREER OPPORTUNITIES

The knowledge and skills developed through the Global Health Major prepare students for success in a wide range of careers. Global health students are prepared to become physicians, nurses, researchers, public health officials, policy makers, data analysts, administrators, non-profit employees, educators, and communications specialists in fields related to public health, epidemiology, environmental health, and international development.

Examples of employers seeking individuals with global health training include international agencies (such as the World Health Organization); federal agencies (such as the Centers for Disease Control and Prevention); state and county health departments (such as the Wisconsin Department of Health Services); non-profit organizations (such as the Bill and Melinda Gates Foundation), hospitals; universities; research centers; and biotech companies.

## WISCONSIN EXPERIENCE

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#### FIELD EXPERIENCES

Issues related to global health occur everywhere – at community, state, national, and international levels – and global health majors are strongly encouraged to participate in one of many field experience options (<https://globalhealth.cals.wisc.edu/about-the-certificate/field-experiences/>) to learn about and help mitigate these challenges. Field experiences can take place locally or internationally, and they range in length from one week to an entire semester. All options emphasize human health and sustainable systems and help provide students a more personal connection to what they are learning – whether in Kenosha or Kenya.

#### COMMUNITY ENGAGEMENT AND VOLUNTEERING

Students have numerous volunteer activities to choose from related to health improvement. The Morgridge Center for Public Service (<https://morgridge.wisc.edu/>) provides resources to help students connect with volunteer opportunities based on their interests and goals.

### RESEARCH EXPERIENCE

Global health majors are encouraged to join research teams and laboratories, where they can get involved in health-related research on infectious diseases, environmental health, sustainable agriculture, and community engagement. Many students take advantage of such research opportunities (<https://globalhealth.cals.wisc.edu/involvement/research/>), receiving direct mentorship from professors, scientists, and graduate students.

#### STUDENT ORGANIZATIONS

There are numerous campus student organizations (<https://globalhealth.cals.wisc.edu/involvement/student-orgs/>) that global health majors can join to connect with students with similar interests. A full list of organizations is available on the Wisconsin Involvement Network website (<https://win.wisc.edu/>).

#### INTERNSHIPS

A number of campus internship programs are available that are a good fit for global health majors, including opportunities through the Wisconsin Area Health Education Centers (<https://ahec.wisc.edu/>), Center for Patient Partnerships (<https://patientpartnerships.wisc.edu/>), and Study Abroad (<https://studyabroad.wisc.edu/intern-abroad/>).

## RESOURCES AND SCHOLARSHIPS

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Students in the College of Agricultural and Life Sciences receive more than \$1.25 million in scholarships annually, including funding to help support Global Health Majors who participate in field experiences and study abroad. Students apply for these scholarships through a single application in the Wisconsin Scholarship Hub (WiSH). To learn more about college scholarships, please visit the CALS scholarship website (<https://cals.wisc.edu/academics/undergraduate-students/financing-your-education/cals-scholarships/>).