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 a broad, planetary-scale perspective 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, which covers bioscience and public health, provides students with foundational knowledge in disease and epidemiology, food systems, environmental health, and public health and policy. 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 International Division (https://internships.international.wisc.edu/) 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 A 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

PRIMARY MAJOR IN GLOBAL HEALTH

To declare this major, students must be admitted to UW–Madison and the College of Agricultural and Life Sciences (CALS). For information about becoming a CALS first-year or transfer student, see Entering the College (http://guide.wisc.edu/undergraduate/agricultural-life-sciences/#enteringthecollegetext).

Students who attend Student Orientation, Advising, and Registration (SOAR) with the College of Agricultural and Life Sciences have the option to declare this major at SOAR. Students may otherwise declare after they have begun their undergraduate studies. For more information, contact the advisor listed in the Contact Box for the major.

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.

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.

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 (http://guide.wisc.edu/undergraduate/#requirementsforundergraduatestudytext) section of the *Guide*.

General Education

- Breadth—Humanities/Literature/Arts: 6 credits
- 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
- Breadth—Social Studies: 3 credits
- Communication Part A & Part B *
- Ethnic Studies *
- Quantitative Reasoning Part A & Part B *

* 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/ (http://guide.wisc.edu/undergraduate/agricultural-life-sciences/entomology/calsfirstyearseminarcourses/)		1
international studies/ (http://guide.wisc.edu/undergraduate/agricultural-life-sciences/entomology/calsinternationalstudiescourses/)		3
Physical science fundamentals		4-5
CHEM 103	General Chemistry I	
or CHEM 108	Chemistry in Our World	
or CHEM 109	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")/ (http://guide.wisc.edu/undergraduate/agricultural-life-sciences/entomology/calscapstonerequirement/)		

MAJOR REQUIREMENTS

Code	Title	Credits
Major Requirements Overview		
Fundamental Courses		29
Core Courses		15
Depth Courses		15
Capstone		3
Total Credits		**62**

FUNDAMENTAL COURSES

Code	Title	Credits
Fundamental Course Requirements		
Mathematics: complete one sequence (or satisfy through placement exam)		*5-6*
MATH 112 & MATH 113	Algebra and Trigonometry	
MATH 114	Algebra and Trigonometry	
MATH 171 & MATH 217	Calculus with Algebra and Trigonometry I and Calculus with Algebra and Trigonometry II	
Statistics: complete one course		*3*
STAT 371	Introductory Applied Statistics for the Life Sciences	
STAT 240	Data Science Modeling I	
STAT 301	Introduction to Statistical Methods	
General Chemistry: complete one sequence		*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	
Introductory Biology: complete one sequence		*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	

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

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
CSCS 410	Human Trafficking: Global and Local Perspectives	3
CSCS 470	The Human Rights of Children and Youth: Global and Local Perspectives	3
CSCS 500	Global Health and Communities: From Research to Praxis	3
ECON/POP HLTH/ PUB AFFR 548	The Economics of Health Care	3-4
FRENCH 288	Doctors without Borders (Médecins Sans Frontières)	3
GEN&WS 525	Gender and Global Health in Critical Perspective	3

GEN&WS 534	Gender, Sexuality, and Reproduction: Public Health Perspectives	3
GEN&WS/ INTL ST 535	Women's Global Health and Human Rights	3
GEN&WS/ HIST SCI 537	Childbirth in the United States	3
GEOG 307	International Migration, Health, and Human Rights	3
HISTORY/ INTL ST 330	Global History of Humanitarianism	3-4
HIST SCI 360	Health Inequalities in the Long 20th Century	3
I SY E 417	Health Systems Engineering	3
LEGAL ST 473	Health Impacts of Unmet Social Needs	3
LSC/COM ARTS/ JOURN 617	Health Communication in the Information Age	3
LSC 625	Risk Communication	3
MED HIST/ PHILOS 505	Justice and Health Care	3
MED HIST/ HIST SCI 509	The Development of Public Health in America	3
MED HIST/ PHILOS 515	Public Health Ethics	3
MED HIST/ AFROAMER/ HIST SCI 523	Race, American Medicine and Public Health	3
MED HIST/ PHILOS 558	Ethical Issues in Health Care	3
MED HIST/HIST SCI/ HISTORY 564	Disease, Medicine and Public Health in the History of Latin America and the Caribbean	3
NUTR SCI 379	Introduction to Epidemiology	3
POP HLTH/ C&E SOC 370	Introduction to Public Health	3
POP HLTH/ HIST SCI/ MED HIST 553	International Health and Global Society	3
PUB AFFR 520	Inequality, Race and Public Policy	3
RELIG ST 475	Religion, Global and Public Health	3
SOC/C&E SOC 343	Sociology of Health and Medicine	3
SOC/AMER IND/ C&E SOC 578	Poverty and Place	3
SOC/C&E SOC 630	Sociology of Developing Societies/ Third World	3

Food Systems and Nutrition Depth Electives

Code	Title	Credits
A A E 319	The International Agricultural Economy	3
A A E/ECON 477	Agricultural and Economic Development in Africa	3
AGRONOMY/ HORT 338	Plant Breeding and Biotechnology	3
AGRONOMY 377	Global Food Production and Health	3
AN SCI/DY SCI 370	Livestock Production and Health in Agricultural Development	3
BIOCHEM/ NUTR SCI 510	Nutritional Biochemistry and Metabolism	3
BOTANY/AMER IND/ ANTHRO 474	Ethnobotany	3-4
C&E SOC/A A E/ SOC 340	Issues in Food Systems	3-4
C&E SOC/SOC 341	Labor in Global Food Systems	3
DY SCI/ AGRONOMY 471	Food Production Systems and Sustainability	3
DY SCI/AN SCI/ FOOD SCI/ SOIL SCI 472	Animal Agriculture and Global Sustainable Development	1
DY SCI/AN SCI/ FOOD SCI/ SOIL SCI 473	International Field Study in Animal Agriculture and Sustainable Development	2
GEOG/ ENVIR ST 309	People, Land and Food: Comparative Study of Agriculture Systems	3
HORT 350	Plants and Human Wellbeing	2
HORT/ AGRONOMY 360	Genetically Modified Crops: Science, Regulation & Controversy	2
HORT/ AGRONOMY 376	Tropical Horticultural Systems	2
HORT 380	Indigenous Foodways: Food and Seed Sovereignty	2
MED HIST/ AGRONOMY/ C&E SOC/ PHILOS 565	The Ethics of Modern Biotechnology	3
MICROBIO/ FOOD SCI 325	Food Microbiology	3
NUTR SCI 332	Human Nutritional Needs	3
NUTR SCI/A A E/ AGRONOMY 350	World Hunger and Malnutrition	3
NUTR SCI 377	Cultural Aspects of Food and Nutrition	3
NUTR SCI 431	Nutrition in the Life Span	3
PL PATH 311	Global Food Security	3
SOIL SCI 301	General Soil Science	3

Ecosystem Sustainability and Planetary Health Depth Electives

Code	Title	Credits
A A E/ECON/ ENVIR ST 343	Environmental Economics	3-4
A A E 352	Global Health: Economics, Natural Systems, and Policy	4
AGRONOMY/ BOTANY/ SOIL SCI 370	Grassland Ecology	3
ATM OCN/ ENVIR ST 355	Introduction to Air Quality	3
BOTANY/ F&W ECOL/ ZOOLOGY 460	General Ecology	4

BOTANY/ENVIR ST/ F&W ECOL/ ZOOLOGY 651	Conservation Biology	3
CIV ENGR/G L E 421	Environmental Sustainability Engineering	3
CIV ENGR 423	Air Pollution Effects, Measurement and Control	3
C&E SOC/ENVIR ST/ SOC 540	Sociology of International Development, Environment, and Sustainability	3
C&E SOC/SOC 541	Environmental Stewardship and Social Justice	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	3-4
ENVIR ST/ HISTORY 465	Global Environmental History	3-4
F&W ECOL/ ENVIR ST/ ZOOLOGY 360	Extinction of Species	3
GEOG/ATM OCN/ ENVIR ST 332	Global Warming: Science and Impacts	3
GEOG/ ENVIR ST 337	Nature, Power and Society	3
GEOG/ ENVIR ST 339	Environmental Conservation	4
GEOG/ENVIR ST/ F&W ECOL/ G L E/GEOSCI/ LAND ARC 371	Introduction to Environmental Remote Sensing	3
GEOG/CIV ENGR/ ENVIR ST 377	An Introduction to Geographic Information Systems	4
GEOG/ SOIL SCI 526	Human Transformations of Earth Surface Processes	3
LAND ARC 360	Earth Partnership Restoration Education: Indigenous Arts & Sciences	1
LAND ARC 363	Earth Partnership: Restoration Education for Equity and Resilience	3
M&ENVTOX/ CIV ENGR/ SOIL SCI 631	Toxicants in the Environment: Sources, Distribution, Fate, & Effects	3
M&ENVTOX/ AGRONOMY/ ENTOM/ F&W ECOL 632	Ecotoxicology: The Chemical Players	1
M&ENVTOX/ AGRONOMY/ ENTOM/ F&W ECOL 633	Ecotoxicology: Impacts on Individuals	1
M&ENVTOX/ AGRONOMY/ ENTOM/ F&W ECOL 634	Ecotoxicology: Impacts on Populations, Communities and Ecosystems	1
MICROBIO/ SOIL SCI 425	Environmental Microbiology	3
POP HLTH/ ENVIR ST 471	Introduction to Environmental Health	3
POP HLTH/ ENVIR ST 502	Air Pollution and Human Health	3
SOIL SCI/ PL PATH 323	Soil Biology	3
SOIL SCI/ ENVIR ST 324	Soils and Environmental Quality	3
URB R PL 550	Transportation and the Built Environment	3

Disease Biology Depth Electives

Code	Title	Credits
ANAT&PHY 335	Physiology	5
ANAT&PHY 435	Fundamentals of Human Physiology	5
AN SCI/DY SCI 320	Animal Health and Disease	3
BIOCHEM 301	Survey of Biochemistry	3
BIOCHEM 501	Introduction to Biochemistry	3
BIOCORE 485	Principles of Physiology	3
BIOCHEM/ NUTR SCI 560	Principles of Human Disease and Biotechnology	2
BIOCORE 486	Principles of Physiology Laboratory	2
BIOCORE 587	Biological Interactions	3
ENTOM/ ZOOLOGY 371	Medical Entomology	3
GENETICS 466	Principles of Genetics	3
GENETICS 548	The Genomic Revolution	3
GENETICS/ MD GENET 565	Human Genetics	3
M M & I 301	Pathogenic Bacteriology	2
M M & I 341	Immunology	3
M M & I/PATH-BIO 528	Immunology	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 330	Host-Parasite Interactions	3
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/ ENTOM/M M & I/ ZOOLOGY 350	Parasitology	3

SURG SCI/ F&W ECOL 548	Diseases of Wildlife	3

CAPSTONE

Code	Title	Credits
Global Health Capstone Requirement (complete one option)		**3**
ENTOM 570	Systems Thinking in Global Health	
BIOCORE 587	Biological Interactions	
C&E SOC/ SOC 533	Public Health in Rural & Urban Communities	
CSCS 500	Global Health and Communities: From Research to Praxis	
DY SCI/ AGRONOMY 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
	13		**15-16**

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
	14		**15-16**

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
	16		**15**

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
	16		**15**

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.

PEOPLE

PEOPLE

FACULTY AND INSTRUCTORS

Jeri Barak, Department of Plant Pathology

Kara Bresnahan, Department of Nutritional Sciences

Kerri Coon, Department of Bacteriology

Lori DiPrete Brown, Department of Civil Society and Community Studies

Malia Jones, Department of Community and Environmental Sociology

Richard Keller, Department of Medical History and Bioethics

Linda Oforka, Department of Entomology

Susan Paskewitz, Department of Entomology (faculty director)

Jonathan Patz, Nelson Institute for Environmental Studies

Paul Peppard, Department of Population Health Sciences

Daniel Phaneuf, Department of Agricultural and Applied Economics

Sherry Tanumihardjo, Department of Nutritional Sciences

Valentin Picasso Risso, Department of Agronomy

Monica White, Department of Community and Environmental Sociology

ADVISING HUB STAFF

Todd Courtenay, Advisor and Associate Director

Kelcey Daniels, Advisor

Megan Juneau, Advisor

WISCONSIN EXPERIENCE

WISCONSIN EXPERIENCE

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 the International Division (https://internships.international.wisc.edu/).

RESOURCES AND SCHOLARSHIPS

RESOURCES AND SCHOLARSHIPS

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/).