

# GLOBAL HEALTH, CERTIFICATE

The Undergraduate Certificate in Global Health is a 15-credit program open to all undergraduate students at the University of Wisconsin–Madison. The curriculum features a set of core courses, a diverse pool of elective options, and a credit-bearing field experience requirement.

Global health is about improving health equitably for all people worldwide. It encompasses social justice, ethics, and planetary health. The “global” in global health does not necessarily mean “international,” but rather refers to the scope of the issues addressed, spanning geographic and socioeconomic boundaries. A key facet of global health is a focus on disease and illness prevention and addressing root causes of health challenges around the world. Through the certificate students will examine global health issues in Wisconsin, the U.S., and abroad, exploring the connections among human, animal, plant, and environmental health.

Examples of global health issues include maternal and child health, inadequate water and sanitation systems, food insecurity, infectious diseases, racism in the medical system, and climate change, to name a few. Solutions to these problems require expertise from many disciplines, and the certificate welcomes not only pre-health students but all students who are passionate about improving the health of populations and addressing health inequities.

The certificate is administered by the College of Agricultural and Life Sciences (CAL S) in partnership with faculty and staff across campus. Learn more about the program on its website (<https://education.ghi.wisc.edu/undergraduate-certificate-in-global-health/>).

## HOW TO GET IN

Undergraduate students from across campus are encouraged to consider completing the Certificate in Global Health. There are no prerequisites for declaring, and students pursuing the program are encouraged to declare as early as possible so that they can best align the coursework with their interests and plan their field experience.

Students can declare the program by scheduling an appointment with their assigned Global Health advisor, or by filling out the online declaration form on the program’s website (<https://education.ghi.wisc.edu/undergraduate-certificate-in-global-health/>).

Students declared in the certificate should plan to complete the program before or alongside their degree and major requirements, as they are not able to extend their time on campus to complete a certificate. Students declared in the Global Health major are not eligible to declare the certificate. Students may not declare both the Certificate in Global Health and the Health and the Humanities Certificate.

## REQUIREMENTS

### MINIMUM REQUIREMENTS

- Minimum grade of C in all certificate coursework
- At least 50% of certificate coursework taken in residence

Code	Title	Credits
<b>Core Courses</b>		
NUTR SCI/ AGRONOMY/ ENTOM 203	Introduction to Global Health	3
MED HIST/ ENVIR ST 213	Global Environmental Health: An Interdisciplinary Introduction <sup>1</sup>	3
or POP HLTH 370	Introduction to Public Health: Local to Global Perspectives	
<b>Field Experience</b>		<b>1-4</b>
Field experiences are a central component of the certificate program, and range in length from one week to an entire semester.		
NUTR SCI/INTER- AG 421	Global Health Field Experience	
NURSING 436	Health and Illness Concepts with Individuals, Families, and Communities: Experiential Learning	
CSCS 500	Global Health and Communities: From Research to Praxis	
LAND ARC 360	Earth Partnership Restoration Education: Indigenous Arts & Sciences	
LAND ARC 363	Earth Partnership: Restoration Education for Equity and Resilience	
<b>Electives</b>		<b>5-8</b>
Select from electives list (see below) to reach a minimum of 15 credits total for the certificate.		
<b>Total Credits</b>		<b>15</b>

<sup>1</sup> Completing both of these courses is encouraged but not required, and students who do so can count one as an elective. Both MED HIST/ENVIR ST 213 and POP HLTH 370 are generally only offered in the spring.

### GLOBAL HEALTH ELECTIVES GROUPED BY FUNCTIONAL AREA

Code	Title	Credits
<i>Agronomy/Horticulture/Plant Breeding</i>		
AGRONOMY 377	Global Food Production and Health	3
BOTANY/ PL PATH 123	Plants, Parasites, and People	3
BOTANY 240	Plants and Humans	3
BOTANY/AMER IND/ ANTHRO 474	Ethnobotany	3-4
HORT 350	Plants and Human Wellbeing	2
HORT 370	World Vegetable Crops	3
HORT/ AGRONOMY 376	Tropical Horticultural Systems	1
HORT 380	Indigenous Foodways: Food and Seed Sovereignty	2
<i>Animal Science/Dairy Science</i>		
AN SCI/DY SCI 370	Livestock Production and Health in Agricultural Development	3
DY SCI/AGRONOMY/ INTER-AG 471	Food Production Systems and Sustainability	3



A A E/INTL ST 373	Globalization, Poverty and Development	3	MED HIST/HIST SCI/ POP HLTH 553	International Health and Global Society	3
A A E/ECON 474	Economic Problems of Developing Areas	3	<i>Social Determinants of Health</i>		
A A E/ECON 477	Agricultural and Economic Development in Africa	3	ART HIST 103	Topics in Art History (The Body, Sex, and Health in Art) <sup>1</sup>	3-4
C&E SOC/F&W ECOL/ SOC 248	Environment, Natural Resources, and Society	3	HISTORY/HIST SCI/ MED HIST 504	Society and Health Care in American History	3
C&E SOC/ENVIR ST/ SOC 540	Sociology of International Development, Environment, and Sustainability	3	MED HIST/HIST SCI/ HISTORY 564	Disease, Medicine and Public Health in the History of Latin America and the Caribbean	3
C&E SOC/AMER IND/ SOC 578	Poverty and Place	3	RELIG ST 101	Religion in Global Perspective	3
C&E SOC/SOC 630	Sociology of Developing Societies/ Third World	3	RELIG ST 102	Exploring Religion in Sickness and Health	3
ECON 448	Human Resources and Economic Growth	3-4	RELIG ST 103	Exploring Religion and Sexuality	3
HDFS/CNSR SCI 465	Families & Poverty	3	S&A PHM 490	Selected Topics in Social and Administrative Pharmacy (Health Equity and Social Justice) <sup>1</sup>	1-4
GEOG 307	International Migration, Health, and Human Rights	3	<i>Toxicology</i>		
INTL ST 101	Introduction to International Studies	3-4	F&W ECOL/ AGRONOMY/ ENTOM/ M&ENVTOX 632	Ecotoxicology: The Chemical Players	1
INTL ST 402	Topics in Politics and Policy in the Global Economy (Global Poverty and Inequality) <sup>1</sup>	3-4	F&W ECOL/ AGRONOMY/ ENTOM/ M&ENVTOX 633	Ecotoxicology: Impacts on Individuals	1
<i>Public Health Ethics</i>					
MED HIST/ PHILOS 505	Justice and Health Care	3	F&W ECOL/ AGRONOMY/ ENTOM/ M&ENVTOX 634	Ecotoxicology: Impacts on Populations, Communities and Ecosystems	1
MED HIST/ PHILOS 515	Public Health Ethics	3	<i>Veterinary Public Health</i>		
MED HIST/ PHILOS 558	Ethical Issues in Health Care	3	F&W ECOL/ SURG SCI 548	Diseases of Wildlife	3
MED HIST 559	Topics in Ethics and History of Medicine (Climate Change Ethics) <sup>1</sup>	3	<i>Women's Health</i>		
<i>Public Health Leadership</i>					
SOC WORK 659	International Aspects of Social Work	2-3	GEN&WS 102	Gender, Women, and Society in Global Perspective	3
<i>Public Health Medicine</i>					
INTER-AG/INTER-LS 152	Ways of Knowing: Medicine and Society	1	GEN&WS 103	Gender, Women, Bodies, and Health	3
MED HIST/ HIST SCI 212	Bodies, Diseases, and Healers: An Introduction to the History of Medicine	3	GEN&WS 320	Special Topics in Gender, Women and Society (The Female Body in the World: Gender and Body Politics) <sup>1</sup>	1-3
NURSING/S&A PHM/ SOC WORK 105	Health Care Systems: Interdisciplinary Approach	2	GEN&WS 424	Women's International Human Rights	3
PHM SCI 310	Drugs and Their Actions	2	GEN&WS/ PSYCH 522	Psychology of Women and Gender	3
PHM PRAC 305	Consumer Self-Care and Over-the-Counter Drugs	2	GEN&WS 534	Gender, Sexuality, and Reproduction: Public Health Perspectives	3
NURSING 436	Health and Illness Concepts with Individuals, Families, and Communities: Experiential Learning	2-4	GEN&WS/ INTL ST 535	Women's Global Health and Human Rights	3
<i>Public Health Practice</i>					
CSCS 500	Global Health and Communities: From Research to Praxis	3	<b>Footnotes related to electives</b>		
MED HIST/ HIST SCI 509	The Development of Public Health in America	3	<sup>1</sup> This course is a special topics course. These are courses whose topic changes from semester to semester and even between sections in the same semester. Sections of these courses accepted by the certificate in the past are shown in parentheses. Please		

contact your global health advisor if you take a special topics course as a global health elective.

## CERTIFICATE COMPLETION REQUIREMENT

This undergraduate certificate must be completed concurrently with the student's undergraduate degree. Students cannot delay degree completion to complete the certificate.

### LEARNING OUTCOMES

1. Understand the global burden of disease, threats to well-being, and the root causes of these conditions.
2. Identify parallels between local, domestic, and international health issues.
3. Become informed citizens in an increasingly interconnected world.
4. Collaborate and communicate effectively with diverse colleagues and local partners.
5. Respectfully engage with other cultures.

### ADVISING AND CAREERS

#### ADVISING

Students interested in the Certificate in Global Health can schedule an appointment with an advisor.

##### ADVISORS:

###### Last names A-K:

Todd Courtenay

todd.courtenay@wisc.edu (todd.courtenay@wisc.edu)

Link to schedule an appointment through Starfish (<https://wisc.starfishsolutions.com/starfish-ops/dl/instructor/serviceCatalog.html?bookmark=connection/10149/schedule>)

###### Last names L-P:

Katie Freeman

kmfreeman2@wisc.edu

Starfish appointment schedule link (<https://wisc.starfishsolutions.com/starfish-ops/dl/instructor/serviceCatalog.html?bookmark=connection/11941/schedule>)

###### Last names Q-Z:

Devika Suri

dsuri@wisc.edu

Starfish appointment schedule link (<https://wisc.starfishsolutions.com/starfish-ops/dl/instructor/serviceCatalog.html?bookmark=connection/28599/schedule>)

#### CAREERS

The knowledge and skills developed through the Certificate in Global Health prepare students for success in a range of career paths. Some graduates may use their global health education to go into a healthcare profession, while others may choose careers as researchers, policy-makers, administrators, non-profit workers, educators, data analysts, and communicators in fields related to public health, epidemiology, environmental health, or international development. The certificate supports students who intend to go directly into the workforce after

graduation, as well as those who intend to further their education through graduate or professional programs.

Because an interest in global health can lead to many different careers, students are encouraged to begin the career exploration process early in their UW-Madison journey by working with advisors, faculty, and career resources on campus. These resources can help students reflect on their values and goals, identify career paths, and outline strategies for pursuing their goals. UW-Madison has a number of dedicated career resources for undergraduate students, including CALS Career Services, the Career Exploration Center, L&S SuccessWorks, and the Center for Pre-Health Advising.

### PEOPLE

Please see the Certificate in Global Health website (<https://education.ghi.wisc.edu/undergraduate-certificate-in-global-health/undergraduate-program-people/>) for a list of certificate staff and ways to contact them.

### WISCONSIN EXPERIENCE

A unique aspect of the certificate is the requirement of a field experience, which can take the form of a study abroad field course, an internship, or site visits right here in Wisconsin. You will have the opportunity to get out of the classroom and see the connections between human, animal, and environmental health while deepening your understanding of the social and cultural contexts that influence health and wellness. The experience also increases your comfort in working with a diversity of people and introduces you to many types of careers in global health.

Click here (<https://education.ghi.wisc.edu/undergraduate-certificate-in-global-health/curriculum/undergraduate-field-experiences/>) to learn more about our field experiences or set up an appointment to talk with an advisor.