

Global Health Studies, B.S.

The Bachelor of Science in global health studies is designed for students who desire to enter professional programs in the health sciences.

Learning Outcomes

The Global Health Studies Program equips its students to:

- understand the core areas of global health such as infectious and noncommunicable diseases, maternal and child health, food sovereignty, environmental health, and health inequities;
- analyze biomedical, social, cultural, and environmental determinants of health and disease;
- draw connections between significant health problems which affect both domestic and international communities;
- identify major global health organizations, actors, and ideologies; and
- recognize the ethical and practical challenges involved in interventions designed to improve health and health equity across cultural and geographical boundaries.

Requirements

The Bachelor of Science with a major in global health studies requires a minimum of 120 s.h., including at least 47 s.h. of coursework for the major. Students must maintain a g.p.a. of at least 2.00 in all courses for the major and in all UI courses for the major. A minimum of 18 s.h. of major coursework must be earned at the University of Iowa. A maximum of 6 s.h. in GHS:4990 Independent Project in Global Health may be used toward the major. Students also must complete the College of Liberal Arts and Sciences GE CLAS Core requirements.

A total of 9 s.h. may be counted from other majors, minors, or certificates toward the global health studies major, excluding courses taken to satisfy GE CLAS Core requirements.

Students who earn the major in global health studies may not earn the certificate or the minor in global health studies.

Students who earn the major in global health studies may earn the major in interdepartmental studies as long as they select an emphasis other than the global health emphasis in the health science track.

The B.S. with a major in global health studies requires the following coursework.

Code	Title	Hours
	Foundation Courses	10
	Global Health Perspectives and Practices Courses	18
	World Language and Culture Requirement	6
	Capstone Experience	3
	Natural Sciences Courses	7-8
	Mathematics and Statistics Course	3-4
Total Hours		47-49

Foundation Courses

Code	Title	Hours
All of these:		
GHS:2000	Introduction to Global Health Studies	3
GHS:3720	Contemporary Issues in Global Health	3
GHS:4003	Case Studies in Global Health Inequities	3
And one of these:		
GHS:3030	Global Health Today	1
GHS:3034	Doing Harm by Doing Good: The Ethics of Studying, Volunteering, and Working in Global Communities	1
GHS:3035	Engaging in Global Health	1

Global Health Perspectives and Practices Courses

To provide an appreciation of the interdisciplinary nature of global health studies, students choose from a wide range of courses on topics which reflect the breadth of the field.

Courses taken to complete another area of the major cannot be used toward the global health perspectives and practices requirement.

Code	Title	Hours
A minimum of 18 s.h. from these, with at least 12 s.h. numbered 3000 or above, and a minimum of 6 s.h. selected from the courses at the end of the list:		
GHS:1029	First-Year Seminar	1
GHS:1181	Ancient Medicine	3
GHS:1200	Disabilities and Inclusion in Writing and Film Around the World	3
GHS:1290	Native American Foods and Foodways	3
GHS:2080	The Cultural Politics of HIV-AIDS	3
GHS:2090	Medical Spanish in Contemporary Society	4
GHS:2110	Seven Billion and Counting: Introduction to Population Dynamics	3
GHS:2160	Culture, Health, and Wellness: Southeast Asia in Focus	3
GHS:2181	The Anthropology of Aging	3
GHS:2182	Africa: Health and Society	3
GHS:2260	Hard Cases in Healthcare at the Beginning of Life	3
GHS:2265	Hard Cases in Healthcare at the End of Life	3
GHS:2650	Global Reproduction	3
GHS:2674	Food, Body, and Belief: A Global Perspective	3
GHS:2770	Black and White Community Politics	3

GHS:3010	Identifying and Developing a Global Health Project (if not taken to satisfy the Capstone Experience requirement)	3	GHS:3500	Global Public Health	3
GHS:3011	Global Research: Strategies and Skills	1	GHS:3508	Disease and Health in Latin American History	3
GHS:3012	Community-Based Global Health Research (if not taken to satisfy the Capstone Experience requirement)	3	GHS:3555	Understanding Health and Disease in Africa	3
GHS:3015	Transnational Sexualities	3	GHS:3560	Global Garbage and Global Health	3
GHS:3021	Mental Health in the Ancient World	3	GHS:3570	Poverty Policy	3
GHS:3030	Global Health Today	1	GHS:3600	Development in a Global Context I: Preparing for an Internship in Health, Gender, and Environment	2
GHS:3034	Doing Harm by Doing Good: The Ethics of Studying, Volunteering, and Working in Global Communities	1	GHS:3620	Global Health and Human Rights	2-3
GHS:3035	Engaging in Global Health	1	GHS:3700	Development in a Global Context II: Reflections on Real World Interventions	1
GHS:3036	Ethics, Politics, and Global Health	3	GHS:3720	Contemporary Issues in Global Health (topic must be different than the foundation course topic)	3
GHS:3045	Spanish Health Narratives	3	GHS:3732	Global Health Nursing	3
GHS:3050	Global Aging	3	GHS:3760	Hazards and Society	3
GHS:3070	Hungry Planet: Global Geographies of Food	3	GHS:3780	U.S. Energy Policy in Global Context	3
GHS:3105	Contraception Across Time and Cultures	3	GHS:3850	Promoting Health Globally	3
GHS:3110	Colonialism and Indigenous Health Equity	3	GHS:4000	Global Health Studies Service Learning: Local Health is Global Health	4
GHS:3111	Geography of Health	3	GHS:4001	Social Entrepreneurship and Global Health	3
GHS:3113	Religion and Healing	3	GHS:4002	Working in Global Health	3
GHS:3120	Global Maternal and Child Health	3	GHS:4100	Topics in Global Health	1-3
GHS:3150	Media and Health	3	GHS:4140	Feminist Activism and Global Health	3
GHS:3151	The Anthropology of the Beginnings and Ends of Life	3	GHS:4205	Culture, Language, and Health	3
GHS:3152	Anthropology of Caregiving and Health	3	GHS:4530	Global Road Safety	3
GHS:3162	History of Global Health	3	GHS:4770	Environmental Justice	3
GHS:3170	Visualizing Global Health Through Popular Fiction and Film	3	GHS:4990	Independent Project in Global Health	arr.
GHS:3180	Climate Change and Health	3	GHS:5000	Graduate Seminar in Global Health	2
GHS:3191	Sustainable Development: India and the Global Context	3	GHS:5455	Health Insurance and Managed Care	3
GHS:3192	Environment and Health in Modern India	3	GHS:6550	Epidemiology of Infectious Diseases	3
GHS:3199	Anthropology and Global Health Policy	3	ASP:1800/ CSD:1800/ NURS:1800/ SSW:1800/TR:1800	Aging Matters: Introduction to Gerontology	3
GHS:3230	Health Experience of Immigrants, Migrants, and Refugees	3	CPH:2200	Climageddon: Understanding Climate Change and Associated Impacts on Health	2
GHS:3300	Envisioning Future Worlds: Sustainable Development and Its Alternatives	3	CPH:2230	Finding Patient Zero: The Exploration of Infectious Disease Transmission and Pandemic Threats	3
GHS:3327	The Politics of Progress: NGOs, Development, and Sexuality	3	CPH:2400	The U.S. Health System in a Global Context	3
GHS:3420	Health and Healing in Early Modern Europe	3			

CPH:3400/ GEOG:3210	Health, Work, and the Environment	3
CPH:4200	Agriculture, Food Systems, and Sustainability	3
ENGL:2560	Topics in Culture and Identity (when topic is stories about HIV/AIDS)	3
HIST:1016	The History That Made Our World (when topic is related to global health; consult advisor)	3
NURS:3655	Community and Public Health Nursing Practicum (B.S.N. students only)	2
OEH:4240	Global Environmental Health	3
A minimum of 6 s.h. from these:		
GHS:2164	Culture and Healing: An Introduction to Medical Anthropology	3
GHS:2320	Origins of Human Infectious Disease	3
GHS:2415	Bioethics	3
GHS:3037	Technology to Improve Global Health	3
GHS:3060	Studies in Complementary and Alternative Medicine	3
GHS:3325	Global Epidemics	3
GHS:4150	Health and Environment: GIS Applications	3
GHS:4260	Global Water and Health	3

World Language and Culture Requirement

Students must choose option A or B below. Semester hours necessary to complete this requirement will vary.

Option A

Students may complete a minimum of two world language courses beyond that required by the GE CLAS Core. This additional language requirement may be met either by completing at least two courses of fifth-semester-level study or higher in the same language used to fulfill the GE CLAS Core World Languages requirement or by completing two courses, or the equivalent, of a second world language at any level.

Option B

Students may complete 6 s.h. related to one of the following area studies: African studies; Caribbean studies; East Asian studies; Islamic and Middle Eastern studies; Latin American studies; Russian, East European, and Eurasian studies; or South Asian studies. See the International Studies Course Database web page for approved courses each semester.

Capstone Experience

The capstone experience requirement provides an opportunity for students to apply the knowledge and skills they learned in the classroom.

Code	Title	Hours
3 s.h. from these:		
GHS:3010	Identifying and Developing a Global Health Project	3

GHS:3012	Community-Based Global Health Research	3
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Natural Sciences Courses

The natural sciences course requirement can be used to fulfill the GE CLAS Core requirement. Students should consult with their advisor concerning specific courses that satisfy these requirements.

Code	Title	Hours
A minimum of one of the sequences, with at least one lab, from these:		
Chemistry		
CHEM:1110 & CHEM:1120	Principles of Chemistry I-II	8
Chemistry and Biology		
CHEM:1070 & BIOL:1141	General Chemistry I - Human Biology: Health Professions	7
CHEM:1110 & BIOL:1141	Principles of Chemistry I - Human Biology: Health Professions	8
CHEM:1110 & BIOL:1411	Principles of Chemistry I - Foundations of Biology	8
CHEM:1110 & BIOL:1412	Principles of Chemistry I - Diversity of Form and Function	8
Chemistry and Physics		
CHEM:1070 & PHYS:1400	General Chemistry I - Basic Physics	7
CHEM:1110 & PHYS:1511	Principles of Chemistry I - College Physics I	8
Physics		
PHYS:1511- PHYS:1512	College Physics I-II	8

Mathematics and Statistics Course

Students must complete at least one calculus or statistics course. In some cases, students also may need to complete a precalculus or statistics course, depending on their math placement.

The mathematics and statistics course requirement can be used to fulfill the GE CLAS Core requirement. Students should consult with their advisor concerning specific courses that satisfy these requirements.

Code	Title	Hours
One of these:		
MATH:1380	Calculus and Matrix Algebra for Business	4
MATH:1440	Mathematics for the Biological Sciences	4
MATH:1460	Calculus for the Biological Sciences	4
MATH:1550	Engineering Mathematics I: Single Variable Calculus	4
MATH:1850	Calculus I	4
STAT:1020/ PSQF:1020	Elementary Statistics and Inference	3
Any higher-level statistics course (consult advisor)		3-4

Honors

Honors in the Major

Students majoring in global health studies have the opportunity to graduate with honors in the major. Students who choose to graduate with honors in the major must satisfy these requirements:

- maintain a cumulative University of Iowa g.p.a. of at least 3.33 and a g.p.a. of at least 3.33 in all work for the major;
- complete a minimum of 6 s.h. of honors or contract honors courses in their global health studies major coursework;
- complete GHS:3010 Identifying and Developing a Global Health Project followed by GHS:4991 Honors Thesis in Global Health Studies as their capstone experience;
- enroll in GHS:4992 Global Health Studies Honors Cohort (0 s.h.) with the global health studies honors advisor during the semester in which GHS:4991 will be completed;
- submit an acceptable honors thesis; and
- give an oral or poster presentation of research findings at a venue approved by the Global Health Studies Program.

Students are encouraged to participate in the Iowa Center for Research by Undergraduates (ICRU) and to apply for research scholarships.

University of Iowa Honors Program

In addition to honors in the major, students have opportunities for honors study and activities through membership in the University of Iowa Honors Program. Visit Honors at Iowa to learn about the University's honors program.

Membership in the UI Honors Program is not required to earn honors in the global health studies major.

Career Advancement

The Global Health Studies Program engages students and faculty in real-world health problems and challenges students to embark on global health careers which place a priority on improving health and achieving equity in health for people worldwide.

Graduates find opportunities in a range of global health job sectors such as:

- in-country field consultants;
- disaster relief organizations;
- immigrant/refugee health organizations;
- research and academic institutions;
- international agencies;
- other nongovernmental agencies (NGOs);
- lending agencies that do work in developing countries;
- multilateral agencies (such as the World Health Organization); and
- governmental agencies (United States Agency for International Development, Center for Disease Control, in-country ministries of health, etc.).

Global health studies graduates also have pursued graduate and professional programs in medicine, dentistry, pharmacy, nursing, public health, law, nonprofit management, urban and regional planning, sustainable agriculture, international development, and public administration.

The Pomerantz Career Center offers multiple resources to help students find internships and jobs.

Academic Plans

Four-Year Graduation Plan

The following checkpoints list the minimum requirements students must complete in order to stay on the University's Four-Year Graduation Plan.

Before the fifth semester begins: at least six courses in the major.

Before the seventh semester begins: at least 12 courses in the major and at least 90 s.h. earned toward the degree.

Before the eighth semester begins: at least two additional courses in the major.

During the eighth semester: enrollment in all remaining coursework in the major, all remaining GE CLAS Core courses, and a sufficient number of semester hours to graduate.

Sample Plan of Study

Sample plans represent one way to complete a program of study. Actual course selection and sequence will vary and should be discussed with an academic advisor. For additional sample plans, see MyUI.

Global Health Studies, B.S.

Course	Title	Hours
Academic Career		
Any Semester		
The Global Health Studies Program connects students to ethical experiential learning opportunities. ^a		
GHS:3035	Engaging in Global Health ^b	1
Honors: thesis ^c		
GE CLAS Core: Sustainability ^d		
Hours		1
First Year		
Fall		
GHS:2000	Introduction to Global Health Studies	3
RHET:1030 or ENGL:1200	Rhetoric or The Interpretation of Literature	3 - 4
GE CLAS Core: Diversity and Inclusion ^e		
GE CLAS Core: World Languages First Level Proficiency or elective course ^f		
CSI:1600	Success at Iowa	2
Hours		15-17
Spring		
GHS:3034 or GHS:3035 or GHS:3030	Doing Harm by Doing Good: The Ethics of Studying, Volunteering, and Working in Global Communities or Engaging in Global Health or Global Health Today	1
ENGL:1200 or RHET:1030	The Interpretation of Literature or Rhetoric	3 - 4
Major: natural sciences course without lab ^{g, h, i}		
GE CLAS Core: Social Sciences ^e		

GE CLAS Core: World Languages Second Level Proficiency or elective course ^f	4 - 5
Elective course ^j	2 - 3

Hours 16-19

Second Year

Fall

GHS:3720 Contemporary Issues in Global Health	3
Major: global health perspectives and practices course ^k	3
Major: natural sciences course with lab ^{g, h}	4
GE CLAS Core: World Languages Second Level Proficiency or elective course ^f	4 - 5
Elective course ^j	2 - 3

Hours 16-18

Spring

Major: global health perspectives and practices course numbered 3000 or above ^k	3
GE CLAS Core: Literary, Visual, and Performing Arts ^e	3
Major: mathematics and statistics course ^{h, l, m}	3 - 4
GE CLAS Core: World Languages Fourth Level Proficiency or elective course ^f	4 - 5
Elective course ^j	3

Hours 16-18

Third Year

Fall

GHS:3012 Community-Based Global Health Research or GHS:3010 Identifying and Developing a Global Health Project	3
Major: global health perspectives and practices course numbered 3000 or above ^k	3
Major: world language and culture requirement	3 - 5
GE CLAS Core: Values and Culture ^e	3
Elective course ^j	3

Hours 15-17

Spring

GHS:4003 Case Studies in Global Health Inequities	3
Major: global health perspectives and practices course numbered 3000 or above ^k	3
Major: world language and culture requirement	3 - 5
Elective course ^j	3
Elective course ^j	3

Hours 15-17

Fourth Year

Fall

Major: global health perspectives and practices course ^k	3
GE CLAS Core: Historical Perspectives ^e	3
Elective course ^j	3
Elective course ^j	3
Elective course ^j	3

Hours 15

Spring

Major: global health perspectives and practices course numbered 3000 or above ^k	3
GE CLAS Core: International and Global Issues ^e	3

Elective course ^j	3
Elective course ^j	3
Elective course ^j	3

Degree Application: apply on MyUI before deadline (typically in February for spring, September for fall)^h

Hours 15

Total Hours 124-137

- a The Global Health Studies Program connects students to experiential learning opportunities such as study abroad, internships, research, service learning, and capstone courses through which students develop real world skills related to major global health issues. Students meet regularly with their academic advisor for help in identifying ethical activities which can be integrated into their individualized graduation plan.
- b Global Health Studies students are encouraged to enroll in GHS:3035 Engaging in Global Health to explore how professionals and volunteers work in a broad variety of global health settings. This course counts toward Global Health Perspectives and Practices.
- c Students completing Honors in the Global Health Studies major work with a faculty mentor to produce an honors thesis, and then present their research at a venue approved by the Global Health Studies Program.
- d Sustainability must be completed by choosing a course that has been approved for Sustainability AND for one of these General Education areas: Natural Sciences; Quantitative and Formal Reasoning; Social Sciences; Historical Perspectives; International and Global Issues; Literary, Visual, and Performing Arts; or Values and Culture.
- e GE CLAS Core courses may be completed in any order unless used as a prerequisite for another course. Students should consult with an advisor about the best sequencing of courses.
- f Students who have completed four years of a single language in high school have satisfied the GE CLAS Core World Languages requirement. Enrollment in world languages courses requires a placement exam, unless enrolling in a first-semester-level course.
- g Choose from CHEM:1110 & CHEM:1120, CHEM:1070 & BIOL:1141, CHEM:1110 & BIOL:1141, CHEM:1110 & BIOL:1411, CHEM:1110 & BIOL:1412, CHEM:1070 & PHYS:1400, CHEM:1110 & PHYS:1511, PHYS:1511 & PHYS:1512.
- h Fulfills a major requirement and may fulfill a GE requirement.
- i Enrollment in chemistry courses requires completion of a placement exam.
- j Students may use elective courses to earn credit towards the total s.h. required for graduation or to complete a double major, minors, or certificates.
- k Students should choose from the Global Health Studies approved B.S. course list.
- l Choose from MATH:1380, MATH:1440, MATH:1460, MATH:1550, MATH:1850, STAT:1020.
- m Enrollment in math courses requires completion of a placement exam.
- n Please see Academic Calendar, Office of the Registrar website for current degree application deadlines. Students should apply for a degree for the session in which all requirements will be met. For any questions on appropriate timing, contact your academic advisor or Graduation Services.