Global Health Studies, B.S.

Learning Outcomes
The Global Health Studies Program equips its students to:
• identify the core areas of global health such as infectious and non-communicable diseases, maternal and child health, food sovereignty, environmental health, health inequalities, and interventions;
• analyze biomedical, social, cultural, and environmental determinants of health and disease;
• draw connections between significant health problems which affect both domestic and international communities; and
• recognize the ethical challenges involved in interventions designed to improve health and health equity across cultural and geographical boundaries.

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

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 course work 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 course work must be earned at the University of Iowa. Students also must complete the College of Liberal Arts and Sciences GE CLAS Core requirements.

A total of 9 s.h. may be double-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 international studies as long as they select a track other than the global health studies track.

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 course work.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHS:2000</td>
<td>Introduction to Global Health Studies</td>
<td>3</td>
</tr>
<tr>
<td>GHS:3030</td>
<td>Global Health Conference</td>
<td>1</td>
</tr>
<tr>
<td>GHS:3500</td>
<td>Global Public Health</td>
<td>3</td>
</tr>
<tr>
<td>GHS:3720</td>
<td>Contemporary Issues in Global Health</td>
<td>3</td>
</tr>
</tbody>
</table>

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 semesters of language study beyond that required by the GE CLAS Core. This additional language requirement may be met either by completing at least two semesters 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 semesters, or the equivalent, of a second world language at any level.

Option B: Students may complete this requirement by completing 6 s.h. from a list of courses approved for one of the following geographical tracks of the international studies major: 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.

Foundation Courses
Students complete all of the following.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHS:1029</td>
<td>First-Year Seminar</td>
<td>1</td>
</tr>
<tr>
<td>GHS:1181</td>
<td>Ancient Medicine</td>
<td>3</td>
</tr>
<tr>
<td>GHS:1290</td>
<td>Disability and Inclusion in Film and Writing Around the World</td>
<td>3</td>
</tr>
<tr>
<td>GHS:1200</td>
<td>Native American Foods and Foodways</td>
<td>3</td>
</tr>
<tr>
<td>GHS:1700</td>
<td>Global Health Nursing</td>
<td>3</td>
</tr>
<tr>
<td>GHS:2080</td>
<td>The Cultural Politics of HIV-AIDS</td>
<td>3</td>
</tr>
<tr>
<td>GHS:2110</td>
<td>Seven Billion and Counting: Introduction to Population Dynamics</td>
<td>3</td>
</tr>
<tr>
<td>GHS:2181</td>
<td>The Anthropology of Aging</td>
<td>3</td>
</tr>
<tr>
<td>GHS:2182</td>
<td>Africa: Health and Society</td>
<td>3</td>
</tr>
</tbody>
</table>

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.

Students choose a minimum of 18 s.h., with at least 12 s.h. numbered 3000 or above, and a minimum of 6 s.h. selected from the eight courses near the end of the list. Students select from the following.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>GHS:1029</td>
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<tr>
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<tr>
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<td>Seven Billion and Counting: Introduction to Population Dynamics</td>
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<tr>
<td>GHS:2181</td>
<td>The Anthropology of Aging</td>
<td>3</td>
</tr>
<tr>
<td>GHS:2182</td>
<td>Africa: Health and Society</td>
<td>3</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Units</td>
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</tr>
<tr>
<td>GHS:2260</td>
<td>Hard Cases in Healthcare at the Beginning of Life</td>
<td>3</td>
</tr>
<tr>
<td>GHS:2265</td>
<td>Hard Cases in Healthcare at the End of Life</td>
<td>3</td>
</tr>
<tr>
<td>GHS:2415</td>
<td>Bioethics</td>
<td>3</td>
</tr>
<tr>
<td>GHS:2570</td>
<td>Introduction to Islamic Psychology</td>
<td>3</td>
</tr>
<tr>
<td>GHS:3015</td>
<td>Transnational Sexualities</td>
<td>3</td>
</tr>
<tr>
<td>GHS:3020</td>
<td>Proseminar in Global Health</td>
<td>1</td>
</tr>
<tr>
<td>GHS:3035</td>
<td>Engaging in Global Health</td>
<td>1</td>
</tr>
<tr>
<td>GHS:3036</td>
<td>Ethics, Politics, and Global Health</td>
<td>3</td>
</tr>
<tr>
<td>GHS:3040</td>
<td>Health in Mexico</td>
<td>3</td>
</tr>
<tr>
<td>GHS:3050</td>
<td>Global Aging</td>
<td>3</td>
</tr>
<tr>
<td>GHS:3070</td>
<td>Hungry Planet: Global Geographies of Food</td>
<td>3</td>
</tr>
<tr>
<td>GHS:3110</td>
<td>Health of Indigenous Peoples</td>
<td>3</td>
</tr>
<tr>
<td>GHS:3111</td>
<td>Geography of Health</td>
<td>3</td>
</tr>
<tr>
<td>GHS:3113</td>
<td>Religion and Healing</td>
<td>3</td>
</tr>
<tr>
<td>GHS:3131</td>
<td>Health Care and Health Reforms in Russia</td>
<td>3</td>
</tr>
<tr>
<td>GHS:3150</td>
<td>Media and Health</td>
<td>3</td>
</tr>
<tr>
<td>GHS:3151</td>
<td>The Anthropology of the Beginnings and Ends of Life</td>
<td>3</td>
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<tr>
<td>GHS:3152</td>
<td>Anthropology of Caregiving and Health</td>
<td>3</td>
</tr>
<tr>
<td>GHS:3170</td>
<td>Visualizing Global Health Through Popular Fiction and Film</td>
<td>3</td>
</tr>
<tr>
<td>GHS:3191</td>
<td>Sustainable Development: India and the Global Context</td>
<td>3</td>
</tr>
<tr>
<td>GHS:3192</td>
<td>Environment and Health in Modern India</td>
<td>3</td>
</tr>
<tr>
<td>GHS:3327</td>
<td>The Politics of Progress: NGOs, Development, and Sexuality</td>
<td>3</td>
</tr>
<tr>
<td>GHS:3508</td>
<td>Health in Latin America</td>
<td>3</td>
</tr>
<tr>
<td>GHS:3555</td>
<td>Understanding Health and Disease in Africa</td>
<td>3</td>
</tr>
<tr>
<td>GHS:3560</td>
<td>Global Garbage and Global Health</td>
<td>3</td>
</tr>
<tr>
<td>GHS:3600</td>
<td>Development in a Global Context I: Preparing for an Internship in Health, Gender, and Environment</td>
<td>1</td>
</tr>
<tr>
<td>GHS:3700</td>
<td>Development in a Global Context II: Reflections on Real World Interventions</td>
<td>2</td>
</tr>
<tr>
<td>GHS:3760</td>
<td>Hazards and Society</td>
<td>3</td>
</tr>
<tr>
<td>GHS:3780</td>
<td>U.S. Energy Policy in Global Context</td>
<td>3</td>
</tr>
<tr>
<td>GHS:3850</td>
<td>Promoting Health Globally</td>
<td>3</td>
</tr>
<tr>
<td>GHS:4000</td>
<td>Global Health Studies Service Learning: Local Health is Global Health</td>
<td>4</td>
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<tr>
<td>GHS:4001</td>
<td>Social Entrepreneurship and Global Health</td>
<td>3</td>
</tr>
<tr>
<td>GHS:4002</td>
<td>Working in Global Health</td>
<td>3</td>
</tr>
<tr>
<td>GHS:4100</td>
<td>Topics in Global Health</td>
<td>3-3</td>
</tr>
<tr>
<td>GHS:4126</td>
<td>International Perspectives: Xicotepec</td>
<td>2-3</td>
</tr>
<tr>
<td>GHS:4140</td>
<td>Feminist Activism and Global Health</td>
<td>3</td>
</tr>
<tr>
<td>GHS:4160</td>
<td>History of Public Health</td>
<td>3</td>
</tr>
<tr>
<td>GHS:4162</td>
<td>History of Global Health</td>
<td>3</td>
</tr>
<tr>
<td>GHS:4180</td>
<td>Climate Change and Health</td>
<td>3</td>
</tr>
<tr>
<td>GHS:4260</td>
<td>Global Water and Health</td>
<td>3</td>
</tr>
<tr>
<td>GHS:4340</td>
<td>Global Health and Global Food</td>
<td>3</td>
</tr>
<tr>
<td>GHS:4530</td>
<td>Global Road Safety</td>
<td>3</td>
</tr>
<tr>
<td>GHS:4600</td>
<td>Global Health and Human Rights</td>
<td>2-3</td>
</tr>
<tr>
<td>GHS:4605</td>
<td>Disease, Politics, and Health in South Asia</td>
<td>2-4</td>
</tr>
<tr>
<td>GHS:4770</td>
<td>Environmental Justice</td>
<td>3</td>
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<tr>
<td>GHS:4990</td>
<td>Independent Project in Global Health</td>
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<tr>
<td>ANTH:3118/ GWS5:3118</td>
<td>Politics of Reproduction</td>
<td>3</td>
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<tr>
<td>ASP:1800</td>
<td>Aging Matters: Introduction to Gerontology</td>
<td>3</td>
</tr>
<tr>
<td>CBH:5220</td>
<td>Health Behavior and Health Education</td>
<td>3</td>
</tr>
<tr>
<td>CPH:1400</td>
<td>Fundamentals of Public Health</td>
<td>3</td>
</tr>
<tr>
<td>CPH:2230</td>
<td>Finding Patient Zero: The Exploration of Infectious Disease Transmission and Pandemic Threats</td>
<td>3</td>
</tr>
<tr>
<td>CPH:4200</td>
<td>Agriculture and the Environment</td>
<td>3</td>
</tr>
<tr>
<td>CPH:5100</td>
<td>Introduction to Public Health</td>
<td>3</td>
</tr>
<tr>
<td>ECON:3760</td>
<td>Health Economics</td>
<td>3</td>
</tr>
<tr>
<td>ENGL:2560</td>
<td>Topics in Culture and Identity (when topic is stories about HIV/AIDS)</td>
<td>3</td>
</tr>
<tr>
<td>HIST:1016</td>
<td>The History That Made Our World (when topic is health in the Global South)</td>
<td>3</td>
</tr>
<tr>
<td>NURS:3655</td>
<td>Community and Public Health Nursing Practicum (B.S.N. students only)</td>
<td>2</td>
</tr>
<tr>
<td>OEH:4240</td>
<td>Global Environmental Health</td>
<td>3</td>
</tr>
<tr>
<td>SOC:4902</td>
<td>Selected Topics in Family, Health, and Well-Being (when topic is global health care systems)</td>
<td>3</td>
</tr>
</tbody>
</table>

A minimum of 6 s.h. must be selected from these:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHS:1100</td>
<td>Contraception Across Time and Cultures</td>
<td>3</td>
</tr>
<tr>
<td>GHS:2164</td>
<td>Culture and Healing for Future Health Professionals</td>
<td>3</td>
</tr>
<tr>
<td>GHS:2320</td>
<td>Origins of Human Infectious Disease</td>
<td>3</td>
</tr>
<tr>
<td>GHS:3060</td>
<td>Studies in Complementary and Alternative Medicine</td>
<td>3</td>
</tr>
<tr>
<td>GHS:3102</td>
<td>Medical Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>GHS:4120</td>
<td>Global Maternal and Child Health</td>
<td>3</td>
</tr>
</tbody>
</table>
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.

Students must complete a minimum of one of the sequences, with at least one lab, from the following.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM:1110 &amp; CHEM:1120</td>
<td>Principles of Chemistry I-II</td>
<td>8</td>
</tr>
<tr>
<td>CHEM:1070 &amp; BIOL:1141</td>
<td>General Chemistry I - Introductory Animal Biology</td>
<td>7</td>
</tr>
<tr>
<td>CHEM:1110 &amp; BIOL:1141</td>
<td>Principles of Chemistry I - Introductory Animal Biology</td>
<td>8</td>
</tr>
<tr>
<td>CHEM:1110 &amp; BIOL:1411</td>
<td>Principles of Chemistry I - Foundations of Biology</td>
<td>8</td>
</tr>
<tr>
<td>CHEM:1110 &amp; BIOL:1412</td>
<td>Principles of Chemistry I - Diversity of Form and Function</td>
<td>8</td>
</tr>
<tr>
<td>CHEM:1070 &amp; PHYS:1400</td>
<td>General Chemistry I - Basic Physics</td>
<td>7</td>
</tr>
<tr>
<td>CHEM:1110 &amp; PHYS:1511</td>
<td>Principles of Chemistry I - College Physics I</td>
<td>8</td>
</tr>
<tr>
<td>PHYS:1511-1512</td>
<td>College Physics I-II</td>
<td>8</td>
</tr>
</tbody>
</table>

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.

Students complete one of the following.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>MATH:1380</td>
<td>Calculus and Matrix Algebra for Business</td>
<td>4</td>
</tr>
<tr>
<td>MATH:1440</td>
<td>Mathematics for the Biological Sciences</td>
<td>4</td>
</tr>
<tr>
<td>MATH:1460</td>
<td>Calculus for the Biological Sciences</td>
<td>4</td>
</tr>
<tr>
<td>MATH:1550</td>
<td>Engineering Mathematics I: Single Variable Calculus</td>
<td>4</td>
</tr>
<tr>
<td>MATH:1850</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>STAT:1020/PSQF:1020</td>
<td>Elementary Statistics and Inference</td>
<td>3</td>
</tr>
<tr>
<td>Any higher-level statistics course (consult advisor)</td>
<td>3-4</td>
<td></td>
</tr>
</tbody>
</table>

Capstone Experience

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

Students must complete the following.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHS:3010</td>
<td>Identifying and Developing a Global Health Project</td>
<td>3</td>
</tr>
</tbody>
</table>

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 in the major;
- complete a minimum of 6 s.h. of honors or contract honors courses in their global health studies major course work;
- complete GHS:3010 Identifying and Developing a Global Health Project followed by GHS:4991 Honors Thesis in Global Health Studies as their capstone experience;
- 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.

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 course work in the major, all remaining GE CLAS Core courses, and a sufficient number of semester hours to graduate
Global Health Studies, B.S.

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.