The Global Health major is a bioscience and public health program in the College of Agriculture and Life Sciences (CALS) at UW-Madison. Students in the major will study human health and well-being through population-level and planetary health perspectives.

Global health is about improving health equitably for all people worldwide. 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 the root causes of health challenges around the world. Examples of global health issues include infectious disease, inadequate water and sanitation systems, climate change, food insecurity, maternal and child health, and racism in the medical system, to name a few.

The major provides students with a foundation in disease biology and epidemiology, food systems, environmental health, and public health and policy, and also allows students to focus further within their area of interest. The curriculum features introductory coursework in biosciences and social sciences, a set of core courses, a variety of depth courses, and a culminating capstone course. Students are encouraged, but not required, to complete a global health field experience as part of their major.

The Global Health major fits well with a range of career interests and will benefit students interested in healthcare professions as well as those interested in research or policy careers related to the biological or social science facets of public health. 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 major 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.

To learn more about the Global Health major or connect with an advisor please visit our program page in the UW-Madison Guide.
Global Health Major Curriculum (Spring 2021)

### Fundamental Course Requirements

**Mathematics (complete one sequence)**
- Math 112 & Math 113
- Math 114

**Statistics (complete one course)**
- Stat 371 (recommended)
- Stat 301

**Chemistry (complete one sequence)**
- Chem 103 & Chem 104
- Chem 109
- Chem 115 & Chem 116

**Introductory Biology (complete one sequence)**
- Biology 151 & Biology 152
- Zoology 101, Zoology 102 & Botany 130
- Biocore 381, Biocore 382 & Biocore 383 & Biocore 384

**Social Sciences Group A (complete one course)**
- Amer Ind 100, Anthro 205, Gen&WS 102, Gen&WS 103, Soc 134, or Soc 170

**Social Sciences Group B (complete one course)**

### Global Health Core Requirements

**Complete one course from each of the core categories**

**Global Health Gateway Core**
- Entom 205: Our Planet, Our Health

**Public Health Core**
- Pop Hlth 370: Introduction to Public Health or Nutri Sci 203: Introduction to Global Health

**Global Disease Biology and Epidemiology Core**
- Nutri Sci 379: Introduction to Epidemiology or Microbio 330: Host-Parasite Interactions

**Food Systems and Health Core**
- Pl Path 311: Global Food Security or Agronomy 377: Cropping Systems of the Tropics

**Environmental Health Core**
- AAE 352: Global Health: Economics, Natural Systems, and Policy or Envir St 213: Global Environmental Health

<table>
<thead>
<tr>
<th>Global Health Capstone (complete one course)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>• Biocore 587</td>
<td></td>
</tr>
<tr>
<td>• C&amp;E Soc 533</td>
<td></td>
</tr>
<tr>
<td>• Dy Sci 471</td>
<td></td>
</tr>
<tr>
<td>• Gen&amp;WS 535</td>
<td></td>
</tr>
<tr>
<td>• Pop Hlth 560</td>
<td></td>
</tr>
</tbody>
</table>

### Global Health Depth Courses

**Complete 15 credits, with ≥ 9 credits in one category and ≥ 6 credits from other categories**

**Note:** Courses taken to meet Depth requirements cannot also be used to meet Capstone or Core requirements.

**Note:** Nutr Sci 421: Global Health Field Experience can count as a Depth course (maximum of 3 credits).

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

**Food Systems and Nutrition Depth Electives**

**Ecosystem Sustainability and Planetary Health Depth Electives**

**Disease Biology Depth Electives**