

## **About the Global Health Minor**

### **Global Health Minor Goals**

The Global Health (GLBHL) minor is designed to provide undergraduate students with an interdisciplinary exposure to the theoretical, scientific and practical issues affecting the health of people in various countries and regions of the world. Emphasis is placed on encouraging students to think critically and reflectively about the multiple factors or determinants that influence individual and population health, as well as specific policy and practice strategies for addressing a range of contemporary global health problems.

Upon completion of the GLBHL minor, students will:

- Have a greater critical understanding of the complexity of contemporary global health issues;
- Be able to critique the theoretical frameworks used to inform global health policies and programs in a variety of settings;
- Display enhanced personal and professional skills in inter-cultural communication and competence; and
- Be better prepared for occupations that demand interdisciplinary and global thinking skills and perspectives.

The GLBHL minor supports the goals of those who are planning health and health-related careers in research, teaching, or health services, in any of a variety of settings, including universities, government agencies, international organizations, non-governmental organizations or private industry. The minor also provides valuable training for those who plan advanced specialist health training – for instance, in medicine, nursing, pharmacy, allied health (e.g. physical therapy, occupational therapy), public health, and so on. Completion of the GLBHL minor will strengthen students' capacity to participate across national and cultural borders, and thus greatly enhance their competitiveness when applying for post-baccalaureate training and careers that focus on global issues.

### **Minor Overview**

The GLBHL minor consists of 21 credits, of which 15 credits are prescribed courses (BB H 305 Introduction to Global Health Issues; BB H / HPA 440 Principles of Epidemiology; BB H 390A Preparation for Global Health Fieldwork Experience; and, BB H 390B Global Health Fieldwork Experience) and 6 credits from a list of approved courses spanning multiple disciplines and fields of study including anthropology, development studies, geography, nutrition, psychology and sociology. Students have the flexibility to substantially tailor, in collaboration with the minor Director, the minor curriculum toward their own professional interests and goals. Furthermore, by participating in a supervised fieldwork experience for a period of 6 weeks, students will be afforded the invaluable opportunity to translate their theoretical knowledge obtained in the classroom into practice and further cultivate their cultural awareness and sensitivity.

## Minor Curriculum

Students who are interested in applying for the GLBHL minor are advised to consult with the minor Director as soon as possible to discuss their professional plans and to determine whether the minor will support their career trajectory. Completing the minor application requires students to develop, in collaboration with the minor Director and other relevant advisors, a proposed plan of study that includes details of the courses they intend to take for the minor. The following curriculum is a suggested guide to the sequence of courses for the GLBHL minor. Students should consult with the minor Director, and their other advisors, for guidance in tailoring their curriculum to their own individual interests, goals and timetable. *It is critical that students begin this process of planning their plan of study early, because of the fieldwork requirement that is necessary for all GLBHL minor students to graduate and because many of the elective supporting courses have lower level prerequisites.*

### Recommended Curriculum for Global Health Minor

Semester	Task / Course	Prerequisite Courses	Credits
Semesters 1-4	<ul style="list-style-type: none"> <li>▪ Consult with GLBHL minor Director and other relevant academic advisors</li> <li>▪ Take prerequisite courses for prescribed and supporting courses</li> </ul>		
Semester 4	<ul style="list-style-type: none"> <li>▪ Prepare and submit minor application (deadline = February each year)<sup>1</sup></li> <li>▪ Register for BB H 305<sup>2</sup></li> </ul>		
Semester 5	<ul style="list-style-type: none"> <li>▪ Take BB H 305 - Introduction to Global Health Issues</li> <li>▪ Take BB H 440 / H P A 440 - Principles of Epidemiology</li> </ul>	<ul style="list-style-type: none"> <li>▪ BB H 101 (GHA)</li> <li>▪ BB H 101 or BIOL 110 or HPA 310; STAT 200 or STAT 250</li> </ul>	<p>3 credits</p> <p>3 credits</p>
Semester 6	<ul style="list-style-type: none"> <li>▪ Take BB H 390A - Preparation for Global Health Fieldwork Experience</li> </ul>	<ul style="list-style-type: none"> <li>▪ BB H 305 and BB H 440 with grades of C or better; Admission to the GLBHL minor</li> </ul>	3 credits
Summer	<ul style="list-style-type: none"> <li>▪ Take BBH 390B - Global Health Fieldwork Experience<sup>3,4</sup></li> </ul>	<ul style="list-style-type: none"> <li>▪ BB H 390A; Admission to the GLBHL minor</li> </ul>	6 credits

Semesters 5-8	<ul style="list-style-type: none"> <li>▪ Complete supporting/elective courses (selected in consultation with the GLBHL minor Director)<sup>5,6</sup></li> </ul>		6 credits in total, with at least 3 at the 400 level
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<sup>1</sup> Admission to the GLBHL minor is competitive i.e. by application. Information regarding the application process and deadlines is available at <http://bbh.hhdev.psu.edu/globalhealth/apply.html>

<sup>2</sup> Students may also take BB H 305 in their sophomore year. BB H 305 presently has a maximum student enrolment of 35. It is open to students who are, and who are not, enrolled in the GLBHL minor.

<sup>3</sup> BB H 390A and BB H 390B can also be taken in Semesters 8/9 following successful completion of BB H 305 and BB H/H P A 440. However, students who chose to complete the fieldwork components of the GLBHL minor at the end of their senior year need to be aware that their graduation will be delayed.

<sup>4</sup> It is recognized that some students may intend to, or may have already participated in an alternative global health fieldwork experience that is similar in purpose and structure to that offered through the Department of Biobehavioral Health.

Accordingly, students are provided the opportunity to request credit for alternative global health fieldwork experience by completing a *Request for Credit for a Previous or Alternative Fieldwork Experience* form (available from the GLBHL minor Director). This form should be submitted as an attachment to the student's GLBHL minor application. Students will be informed of the GLBHL minor Admission Committee's decision regarding whether or not credit will be granted for their alternative global health fieldwork experience at the time of being notified of the status of their GLBHL minor application. N.B. the GLBHL minor Admissions Committee will review all student requests for fieldwork credit on a case-by-case basis and may decide to award students' either ~~full or partial credit~~ for their alternative fieldwork experience.

<sup>5</sup> Previously completed coursework may be retroactively included in the plan of study, but only with GLBHL minor Director approval. To seek such approval, students should complete a *Request for Credit for a Previous or Alternative Supporting Course* form (available from the GLBHL minor Director). N.B. even when students receive credit for courses completed as part of their major, they may still be asked to enroll in particular supporting courses, should these courses be considered necessary to providing the student a comprehensive program of study in global health.

<sup>6</sup> Other courses (e.g. special topics courses, independent study courses etc.) that are not on the current list of supporting courses may also be used to meet the credit requirements for the GLBHL minor. All course substitutions require GLBHL minor Director approval. To seek such approval, students should complete a *Request for Credit for a Previous or Alternative Supporting Course* form (available from the GLBHL minor Director).

**Global Health Minor - List of Supporting Courses (by department)**

<b>Course Code</b>	<b>Course Title</b>	<b>Prerequisites</b>	<b>Credits</b>	<b>General Education / US Cultures and International Cultures / Bachelor of Arts Requirements</b>	<b>Semester Offering (FA 2010 – SP 2011)</b>
<b>Agricultural Economics</b>					
AG EC 450	International development, renewable resources and the environment	▪ 6 credits in agricultural economics or economics	3 credits	IL	FA
<b>African and African American Studies</b>					
AAA S 443 / PL SC 443	Ethnic conflict in Africa	▪ AAA S 100, AAA S 110, PL SC 001, PL SC 003, PL SC 007, PL SC 014, PL SC 017, PL SC 020 or AFRAS 301	3 credits	IL, BA (Social & Behavioral Science)	FA
<b>Anthropology</b>					
ANTH 408	Anthropological demography	▪ 3 credits in anthropology	3 credits	BA (Social & Behavioral Science)	FA
ANTH 462	The biometry of human reproduction	▪ BIOL 177; STAT 451	3 credits	BA (Social & Behavioral Science)	Not offered in FA 2010 – SP 2011
<b>Biobehavioral Health</b>					
BB H 402	African health and development	▪ BB H 305	3 credits	IL	Not offered in FA 2010 – SP 2011
BB H 407	Global health equity	▪ None	3 credits	IL	SP
<b>Communication Arts and Sciences</b>					
CAS 453	Health communication	▪ CAS 100	3 credits	-	SP

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	theory and research				
<b>Community Environment and Development</b>					
CED 230	Development issues in global context	▪ ECON 002, ECON 004, R SOC 011 or SOC 001	3 credits	-	SP
CED 410	The global seminar	▪ ECON 002 or ECON 004; R SOC 011 or SOC 001	3 credits	-	SP
CED 420 / R SOC 420 / WMST 420	Women in developing countries	▪ None	3 credits	US, IL	SP
CED 425	International community and economic development	▪ CED 152	3 credits	-	SP
<b>Community and Economic Development</b>					
CEDEV 470 / R SOC 470	Comparative community development	▪ 6 credits in social or behavioral science	3 credits	-	Not offered in FA 2010 – SP 2011
<b>Engineering Design</b>					
EDSGN 352	Fundamentals of community service engineering	▪ None	1 credit	-	Not offered in FA 2010 – SP 2011
EDSGN 452	Projects in community service engineering	▪ EDSGN 352; Fifth semester standing	1-2 credits	-	SP
<b>Environmental Engineering</b>					
ENVE 401	Occupational safety and environmental health	▪ CHEM 110	1 credit	-	Not offered in FA 2010 – SP 2011
ENVE 451	Environmental sanitation	▪ Fifth semester standing	3 credits	-	Not offered in FA 2010 – SP 2011
<b>Engineering</b>					

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ENGR 420Y	Design for global society	▪ ENGL 202	3 credits	US, IL	Not offered in FA 2010 – SP 2011
<b>Energy, Environmental, and Mineral Economics</b>					
ENNEC 420	Economics of natural hazards	▪ ECON 002	3 credits	-	Not offered in FA 2010 – SP 2011
<b>Entomology</b>					
ENT 402W / VB SC 402W	Biology of animal parasites	▪ BIOL 110	3 credits	-	SP
<b>Environmental Resource Management</b>					
E R M 431	Environmental toxicology	▪ BIOL 110; CHEM 110; CHEM 112	3 credits	-	Not offered in FA 2010 – SP 2011
<b>Food Science</b>					
FD SC 280H / PHIL 280H	Food, values, and health	▪ None	3 credits	GH	FA
<b>Geography</b>					
GEOG 030	Geographic perspectives on sustainability and human-environment systems	▪ None	3 credits	GS, BA (Social & Behavioral Science)	FA, SP <sup>7</sup>
GEOG 123	Geography of the developing world	▪ None	3 credits	GS, IL BA (Other Cultures and Social and Behavioral Sciences)	FA, SP
GEOG 333	Human dimensions of natural hazards	▪ Junior or senior standing	3 credits	BA (Social & Behavioral Science)	SP
GEOG 436	Ecology, economy, and society	▪ Upper division standing	3 credits	-	FA
GEOG 438W	Human dimensions of	▪ EARTH 022, GEOG 010, or	3 credits	BA (Social & Behavioral	Not offered in

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	global warming	METEO 003; GEOG 030		Science)	FA 2010 – SP 2011
GEOG 440	Topics in regional geography	▪ 3 credits in physical geography; 3 credits in human geography	3 credits	-	Not offered in FA 2010 – SP 2011
GEOG 444	African resources and development	▪ GEOG 010, GEOG 020, GEOG 030 or GEOG 124	3 credits	BA (Other Cultures and Social and Behavioral Sciences)	SP
<b>Geosciences</b>					
GEOSC 402Y	Natural disasters	▪ Fourth semester standing	3 credits	IL	Not offered in FA 2010 – SP 2011
GEOSC 451	Natural resources: origins, economics and environmental impact	▪ GEOSC 001 or GEOSC 020	3 credits	-	FA
<b>Human Development and Family Studies</b>					
HD FS 287W/X/Y	Intercultural community building	▪ None	3 credits	GS, US	Not offered in FA 2010 – SP 2011
HD FS 416 / SOC 411	Racial and ethnic diversity and the American family	▪ 3 credits in sociology	3 credits	US	Not offered in FA 2010 – SP 2011
HD FS 469U	Family change in the global economy	▪ HD FS 315 or SOC 030	3 credits	IL	Not offered in FA 2010 – SP 2011
<b>Health Policy and Administration</b>					
HPA 401	Comparative health systems	▪ HPA 301	3 credits	IL	FA, SP
<b>Microbiology</b>					
MICRB 412	Medical microbiology	▪ MICRB 201	3 credits	-	SP

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<b>Nursing</b>					
NURS 401	Concepts of health	▪ PSYCH 100 or SOC 001	3 credits	IL	FA, SP
<b>Nutrition</b>					
NUTR 425 (formerly NUTR 497C)	Global Nutrition Challenges: Science, Public Health, Ethics	▪ NUTR 251	3 credits	-	SP
NUTR 430 / S T S 430	Global food strategies: problems and prospects for reducing world hunger	▪ None	3 credits	IL, BA (Social and Behavioral Science)	FA
<b>Psychology</b>					
PSYCH 432	Multicultural psychology in America	▪ PSYCH 100; 6 additional credits of PSYCH	3 credits	US, BA (Social and Behavioral Science)	FA, SP
<b>Sociology</b>					
SOC 309	Sociology of health	▪ 3 credits of sociology	3 credits	BA (Social and Behavioral Science)	Not offered in FA 2010 – SP 2011
SOC 422	World population diversity	▪ 3 credits of sociology	3 credits	BA (Social and Behavioral Science)	FA, SP
SOC 423	Social demography	▪ SOC 023 or SOC 422	3 credits	BA (Social and Behavioral Science)	FA
<b>Women's Studies</b>					
WMST 202	Gender dynamics in Africa	▪ None	3 credits	GS, IL, BA (Social and Behavioral Science)	FA, SP

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**-Global Health Minor - List of Supporting Courses (by level)**

<b>Course Code</b>	<b>Course Title</b>	<b>Prerequisites</b>	<b>Credits</b>	<b>General Education / US Cultures and International Cultures / Bachelor of Arts Requirements</b>	<b>Semester Offering (FA 2010-SP 2011)</b>
<b>100 Level Courses</b>					
GEOG 030	Geographic perspectives on sustainability and human-environment systems	▪ None	3 credits	GS, BA (Social & Behavioral Science)	FA, SP <sup>7</sup>
GEOG 123	Geography of the developing world	▪ None	3 credits	GS, IL BA (Other Cultures and Social and Behavioral Sciences)	FA, SP
<b>200 Level Courses</b>					
CED 230	Development issues in global context	▪ ECON 002, ECON 004, R SOC 011 or SOC 001	3 credits	-	SP
FD SC 280H / PHIL 280H	Food, values, and health	▪ None	3 credits	GH	FA
HD FS 287W/X/Y	Intercultural community building	▪ None	3 credits	GS, US	Not offered in FA 2010 – SP 2011
WMST 202	Gender dynamics in Africa	▪ None	3 credits	GS, IL, BA (Social and Behavioral Science)	FA, SP
<b>300 Level Courses</b>					
EDSGN 352	Fundamentals of community service engineering	▪ None	1 credit	-	Not offered in FA 2010 – SP 2011

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GEOG 333	Human dimensions of natural hazards	▪ Junior or senior standing	3 credits	BA (Social & Behavioral Science)	SP
SOC 309	Sociology of health	▪ 3 credits of sociology	3 credits	BA (Social and Behavioral Science)	Not offered in FA 2010 – SP 2011
<b>400 Level Courses</b>					
AG EC 450	International development, renewable resources and the environment	▪ 6 credits in agricultural economics or economics	3 credits	IL	FA
AAA S 443 / PL SC 443	Ethnic conflict in Africa	▪ AAA S 100, AAA S 110, PL SC 001, PL SC 003, PL SC 007, PL SC 014, PL SC 017, PL SC 020 or AFRA 301	3 credits	IL, BA (Social & Behavioral Science)	FA
ANTH 408	Anthropological demography	▪ 3 credits in anthropology	3 credits	BA (Social & Behavioral Science)	FA
ANTH 462	The biometry of human reproduction	▪ BIOL 177; STAT 451	3 credits	BA (Social & Behavioral Science)	Not offered in FA 2010 – SP 2011
BB H 402	African health and development	▪ BB H 305	3 credits	IL	Not offered in FA 2010 – SP 2011
BB H 407	Global health equity	▪ None	3 credits	IL	SP
CAS 453	Health communication theory and research	▪ CAS 100	3 credits	-	SP
CED 410	The global seminar	▪ ECON 002 or ECON 004; R SOC 011 or SOC 001	3 credits	-	SP
CED 420 / R	Women in developing countries	▪ None	3 credits	US, IL	SP

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SOC 420 / WMST 420					
CED 425	International community and economic development	▪ CED 152	3 credits	-	SP
CEDEV 470 / R SOC 470	Comparative community development	▪ 6 credits in social or behavioral science	3 credits	-	Not offered in FA 2010 – SP 2011
EDSGN 452	Projects in community service engineering	▪ EDSGN 352; Fifth semester standing	1-2 credits	-	SP
ENVE 401	Occupational safety and environmental health	▪ CHEM 110	1 credit	-	Not offered in FA 2010 – SP 2011
ENVE 451	Environmental sanitation	▪ Fifth semester standing	3 credits	-	Not offered in FA 2010 – SP 2011
ENGR 420Y	Design for global society	▪ ENGL 202	3 credits	US, IL	Not offered in FA 2010 – SP 2011
ENNEC 420	Economics of natural hazards	▪ ECON 002	3 credits	-	Not offered in FA 2010 – SP 2011
ENT 402W / VB SC 402W	Biology of animal parasites	▪ BIOL 110	3 credits	-	SP
E R M 431	Environmental toxicology	▪ BIOL 110; CHEM 110; CHEM 112	3 credits	-	Not offered in FA 2010 – SP 2011
GEOG 436	Ecology, economy, and society	▪ Upper division standing	3 credits	-	FA
GEOG 438W	Human dimensions of global warming	▪ EARTH 022, GEOG 010, or METEO 003;	3 credits	BA (Social & Behavioral Science)	Not offered in FA 2010

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		GEOG 030			– SP 2011
GEOG 440	Topics in regional geography	<ul style="list-style-type: none"> <li>▪ 3 credits in physical geography; 3 credits in human geography</li> </ul>	3 credits	-	Not offered in FA 2010 – SP 2011
GEOG 444	African resources and development	<ul style="list-style-type: none"> <li>▪ GEOG 010, GEOG 020, GEOG 030 or GEOG 124</li> </ul>	3 credits	BA (Other Cultures and Social and Behavioral Sciences)	SP
GEOSC 402Y	Natural disasters	<ul style="list-style-type: none"> <li>▪ Fourth semester standing</li> </ul>	3 credits	IL	Not offered in FA 2010 – SP 2011
GEOSC 451	Natural resources: origins, economics and environmental impact	<ul style="list-style-type: none"> <li>▪ GEOSC 001 or GEOSC 020</li> </ul>	3 credits	-	FA
HD FS 416 / SOC 411	Racial and ethnic diversity and the American family	<ul style="list-style-type: none"> <li>▪ 3 credits in sociology</li> </ul>	3 credits	US	Not offered in FA 2010 – SP 2011
HD FS 469U	Family change in the global economy	<ul style="list-style-type: none"> <li>▪ HD FS 315 or SOC 030</li> </ul>	3 credits	IL	Not offered in FA 2010 – SP 2011
HPA 401	Comparative health systems	<ul style="list-style-type: none"> <li>▪ HPA 301</li> </ul>	3 credits	IL	FA, SP
MICRB 412	Medical microbiology	<ul style="list-style-type: none"> <li>▪ MICRB 201</li> </ul>	3 credits	-	SP
NURS 401	Concepts of health	<ul style="list-style-type: none"> <li>▪ PSYCH 100 or SOC 001</li> </ul>	3 credits	IL	FA, SP
NUTR 425 (formerly NUTR 497C)	Global Nutrition Challenges: Science, Public Health, Ethics	<ul style="list-style-type: none"> <li>▪ NUTR 251</li> </ul>	3 credits	-	SP
NUTR 430 / S T S 430	Global food strategies: problems and prospects for reducing world hunger	<ul style="list-style-type: none"> <li>▪ None</li> </ul>	3 credits	IL, BA (Social and Behavioral Science)	FA

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PSYCH 432	Multicultural psychology in America	▪ PSYCH 100; 6 additional credits of PSYCH	3 credits	US, BA (Social and Behavioral Science)	FA, SP
SOC 422	World population diversity	▪ 3 credits of sociology	3 credits	BA (Social and Behavioral Science)	FA, SP
SOC 423	Social demography	▪ SOC 023 or SOC 422	3 credits	BA (Social and Behavioral Science)	FA

<sup>7</sup> May also be offered during the summer session.

**Course Codes:**

AFRAS – Afro-American Studies

AG EC – Agricultural Economics

AAA S – African and African American Studies

ANTH – Anthropology

BB H – Biobehavioral Health

BIOL – Biology

CAS – Communication Arts and Sciences

CED – Community, Environment and Development

CEDEV – Community and Economic Development

CHEM – Chemistry

EARTH – Earth Sciences

ECON – Economics

EDSGN – Engineering Design

ENGL – English

ENVE – Environmental Engineering

ENGR – Engineering

ENNEC – Energy, Environmental and Mineral Economics

ENT – Entomology

E R M – Environmental Resource Management

FD SC – Food Science

GEOG – Geography

GEOSC – Geosciences

HD FS – Human Development and Family Studies

HPA – Health Policy and Administration

METEO – Meteorology

MICRB – Microbiology

NURS – Nursing

NUTR – Nutrition

PHIL – Philosophy

PL SC – Political Science

S T S – Science, Technology & Society

PSYCH – Psychology

R SOC – Rural Sociology

SOC – Sociology

STAT – Statistics

VB SC – Veterinary and Biomedical Science

WMST – Women's Studies