

## **HEALTH CONCENTRATION**

**Description:** The *Health Concentration* is geared toward students who are interested in learning about the interconnections between health and environmental impacts, particularly how environmental degradation can affect all age groups, races and countries. It includes mitigation of environmental pollution and degradation, impacts on food resources, and the effects that natural and built environments have on people's mental and physical health.

**Questions:** What are the major environmental problems that affect people's health and how do they interact? What roles should environmental and health-related institutions (with their public and private partners) play in addressing air and water quality and helping to ensure that communities have access to environmentally safe housing, fresh food, health services and places for outdoor recreation? How can we better understand the social, communication and geographic issues -- as well as the biological and ecological factors -- that contribute to or detract from individuals' health?

**Skills:** Social science and environmental research methods, communication factors and skills, mapping and data presentation, argumentative thinking and writing, data analysis, GIS, remote sensing.

**Relevant fields/careers:**

- Environmental, community or public health
- Environmental consulting and advocacy
- Environmental and health communication
- Government
- City, regional and environmental planning

# CONCENTRATION: HEALTH

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<b>Required Skills Courses (choose 2)</b>		<b>6-8</b>
ES/JOUR 125	Environment, the Public and the Mass Media	4
ES/POLS 319	Mapping Data for Policymaking	4
ES/TLT 367	Environmental Education	3
CEE 272	Environmental Risk Assessment	2
HMS/SOAN 120	Values and Ethics of Community-Engaged Research	4
HMS/SOC 316	Social Epidemiology	4
JOUR 314	Technical Communication	4
SOAN 111	Research Methods and Data Analysis	4
<b>Required Content Courses (choose 3) <sup>1</sup></b>		<b>11-12</b>
ES/HMS/POLS 110	Environmental Planning for Healthy Cities	4
ES/HMS/JOUR 117	Environmental Health Risks and the Media	4
ES/POLS 314	Urban Agriculture Policy, Planning and Practice	4
ES/HMS/POLS 320	Food Justice in Urban Environments	4
ES/JOUR/HMS/STS 323	Health and Environmental Controversies	4
EES 029	Human Health and the Environment	3
HMS/PHIL/REL 116	Bioethics	4
HMS 180	Introduction to Public Health	4
<b>Elective Courses (choose 2) <sup>2</sup></b>		<b>6-8</b>
ES 338	Environmental Risk	4
ES/PSYC 357	Psychology of Environmental Issues	4
EES 027	Natural Hazards: Impacts and Consequences	3
HMS/ENGL 115	Topics in Literature, Medicine, and Health	4
HMS/COMM 150	Health Communication	4
HMS/AAS/GS/SOC 314	Infections and Inequalities: HIV, TB and Malaria in the Global South	4
HMS/ENGL 315	Topics in Literature, Medicine, and Health	4
HMS/GS/SOC 322	Global Health Issues	4
SOC/GS 328	Global Food Systems	4

<sup>1</sup> One course must be a 3-4 credit ES course.

<sup>2</sup> Can include any required skills or content courses not taken in another part of the concentration or the core courses.