The minor in Environmental and Occupational Health allows interested undergraduate students to build a concentration of courses to explore the ways in which environmental and occupational exposures impact human health and to apply the fundamentals of developing, implementing and assessing preventive interventions. Students will analyze human health issues at the community level and will apply principles of prevention in preparation for entry level positions in occupational and environmental health practice as well as for further graduate work in public health, medicine, environmental management, industrial hygiene, and related fields. Students who complete this minor will:

- Identify and assess environmental and occupational hazards in home, community and workplace settings;
- Describe adverse effects of hazardous exposures on human health and wellbeing;
- Describe approaches to risk assessment, risk communication and risk management;
- Develop and implement intervention and prevention strategies;
- Analyze the impact of interventions through systems approaches to safety and health;
- Analyze the role of social inequities, legal, policy and other structural barriers to effective intervention and approaches to reducing these barriers

**Required Prerequisites**

HSCI-100 Language of Health and Disease OR HSCI-101 and 102, or similar courses, such as BIOL-103 and 104  
AND HSCI-111, Biochemistry and Human Functioning OR CHEM-001 and CHEM-002

**Required Courses**

HSCI-332 Health Impacts of the Environment (required for minor)

*ONE of the following laboratory courses:*

HSCI-418 Occupational Health (with laboratory) OR  
HSCI-415 Environmental Management (with laboratory) (4 credits)

*AND any FOUR of the following (please note any additional prerequisites for courses listed):*

- HSCI-355 Genetics in Health and in Disease
- HSCI-440 Occupational and Environmental Toxicology
- HSCI-419 Environmental Justice
- HESY-184 Epidemiology (includes environmental examples)
- GOVT-354/HSCI-354 Environmental Politics
- GOVT-448/HSCI-448 Environmental Law
- MATH-040 Probability and Statistics OR MATH-140 Introduction to Mathematical Statistics
- INTH-440 Environmental Health and Urbanization
- STIA-414 Water in the Environment
- STIA-441 GIS in Environment and Health
- ANTH-421 Beyond Conflict

**Process**

Undergraduate students interested in obtaining a minor in Human Science: Environmental and Occupational Health must submit a proposed plan to the E/OH Minor Director (Phil Hagan, haganp@georgetown.edu) within the Human Science Department. This plan should include a list of the prerequisites and electives that will be taken to fulfill the minor requirements. Students will be assigned a minor advisor from the Human Science faculty who will be available to discuss the proposed plan and course options. Students who wish to have the prerequisites waived should arrange to meet with the program director to review equivalent prior work

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For more information, contact—Office of Student Academic Affairs | 2nd Floor, St. Mary’s Hall
Minor in Environmental and Occupational Health