



Environmental Health Major

Contact Us

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academics/undergraduate

In the Bachelor of Science program in Environmental Health, students learn to identify, prevent, and control environmental factors that threaten human health. Students choose one of three interest areas: biomedical sciences, health and environmental sciences, or environmental public health practice. The coursework introduces students to basic principles of environmental health regulation, environmental sampling, microbiology, epidemiology, toxicology and risk assessment. The program prepares students for admission to graduate programs and professional programs such as medical school. Graduates are also prepared for direct entry into careers such as Environmental Health Specialist, Occupational Health and Safety Manager, and Public Health Adviser. The program is accredited by the National Environmental Health Science & Protection Accreditation Council.

make a difference

B.S. Environmental Health (180 credits, including the following)

General Education

English Composition - 5
Quantitative & Symbolic Reasoning - 5
Writing - 10 including one Environmental Health Technical Writing course
Visual, Literary and Performing Arts - 10
Individual and Societies - 10
Natural World - 20

Supporting Science

MATH 124 - 5 Calculus I or equivalent*
STAT 311 - 5 Elements of Statistical Methods or equivalent*
BIOL 180, 200, 220 - 15 Introductory Biology with Labs
CHEM 142, 152, 162 - 15 General Chemistry with labs
CHEM 237, 238, 239 - 12 Organic Chemistry, labs not required
PHYS 114/117, 115/118 - 10 General Physics with labs

Admission

Admission to the major is competitive. The application deadline is the third Friday of each quarter. Applications are evaluated on overall grades, performance in math, science, and composition courses; demonstrated writing ability; and understanding of and potential fit with the major

Early Admission Prerequisites

Students with 30 - 90 credits at time of application. Students complete the following with a minimum grade of 2.0 in each course, and a minimum GPA of 3.0

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|---------------------|-------------------------|
| Chemistry Series | CHEM 142, 152, 162 |
| Calculus | MATH 124 or equivalent* |
| English Composition | ENG 131 or equivalent* |

Upper Division Admission Prerequisites

Students with more than 90 credits at time of application. Students must complete the early admission prerequisites plus the following, with a minimum grade of 2.0 in each course, and a minimum GPA of 3.0.

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|--------------------------|--|
| Organic Chemistry Series | CHEM 237, 238, 239 or CHEM 223, 224, labs not required |
| Biology Series | BIOL 180, 200, 220 |

*See degree requirements page for equivalent course information:
deohs.washington.edu/academics/undergraduate-degree/courses

Environmental Health Core Courses

ENV H 311 - 3 Intro Environmental Health (A,Sp)
ENV H 405 - 3 Toxic Chemicals & Human Health (Sp)
ENV H 431 - 3 Sampling and Analysis I (A)
ENV H 432 - 4 Sampling and Analysis II (W)
ENV H 433 - 4 Sampling and Analysis III (Sp)
ENV H 472 - 3 Environmental Risk and Society (W)
ENV H 482 - variable 2-15 EH Internship (A,W,Sp,S)
EPI 420 - 3 Introduction to Epidemiology (Sp)
MICROM 301 - 3 General Microbiology (A,Sp,S)
MICROM 302 - 2 General Microbiology Lab (A,Sp,S)

Environmental Health Selectives

Choose three of the following:

ENV H 440 - 3 Water, Wastewater and Health (A)
ENV H 441 - 3 Food Protection (W)
ENV H 442 - 3 Zoonotic Diseases (W)
ENV H 445 - 3 Solid Waste Management (Sp)
or ENV H 446 - 3 Hazardous Waste Management (W)
ENV H 448 - 3 Community Air Pollution (Sp)
ENV H 453 - 3 Industrial Hygiene (A)
ENV H 460 - 3 Occupational Safety Mgmt (Sp)
ENV H 473 - 3 EH Policy & Practice (Sp)

Environmental Health Electives

27 Credits from among Biomedical Sciences, Health & Environmental Sciences, or Environmental Public Health Practice interest areas.

deohs.washington.edu/academics/undergraduate-degree/electives