



# Environmental Health

Major Preparation Sheet 2017-2018

## Where does my path start?

You will complete an Associate of Science-Transfer (AS-T) Track 1 degree at Shoreline.

**Use the AS-T Track 1 Degree Planning Guide, with this sheet, to understand the requirements for graduation.**

Once you complete your Shoreline degree, you can transfer to a four-year school to earn a Bachelor Science (B.S.) in Environmental Health.

Environmental Health is excellent preparation for graduate studies in public health, medicine, dentistry, pharmacy, education and law.

## Environmental Health – What is it?

Environmental Health is a broad interdisciplinary field concerned with the protection and promotion of public health. From air pollution and hazardous waste, to safe food and drinking water, environmental health specialists identify, assess, and control environmental factors to prevent the spread of illness and disease.

**Areas of study in Environmental Health:** Natural and health sciences, physics, microbiology, toxic chemicals, environmental hazards and risks, water and waste sanitation, solid waste management, air quality and pollution, food protection, epidemiology, disease prevention, health promotion, environmental health law, community organization, research methods, statistics and professional ethics.

## Where can I go for help?

### Program Faculty Advisors

Linda Kuehnert	206-546-4575	<a href="mailto:lkuehnert@shoreline.edu">lkuehnert@shoreline.edu</a>	Rm 2821
Dave Phippen	206-546-4572	<a href="mailto:dhippen@shoreline.edu">dhippen@shoreline.edu</a>	Rm 2817
Amar Yahiaoui	206-546-4738	<a href="mailto:ayahiaou@shoreline.edu">ayahiaou@shoreline.edu</a>	Rm 2820
Joyce Fagel	206-546-6984	<a href="mailto:jfagel@shoreline.edu">jfagel@shoreline.edu</a>	Rm 2814

### General Academic Advising

FOSS (5000) Building, Rm. 5229  
206-546-4559  
[advising@shoreline.edu](mailto:advising@shoreline.edu)  
[www.shoreline.edu/advising](http://www.shoreline.edu/advising)

### International Student Academic Advising

9000 Building, Rm. 9302  
206-546-4697  
[ieadvisors@shoreline.edu](mailto:ieadvisors@shoreline.edu)  
[www.shoreline.edu/international/advising/](http://www.shoreline.edu/international/advising/)

### Career Planning

[www.shoreline.edu/job-career-services/](http://www.shoreline.edu/job-career-services/)

For general information and entry codes, contact:

[biologyadvising@shoreline.edu](mailto:biologyadvising@shoreline.edu)  
[chemistryadvising@shoreline.edu](mailto:chemistryadvising@shoreline.edu)  
[mathadvising@shoreline.edu](mailto:mathadvising@shoreline.edu)

## What can I do with a Bachelor’s Degree in Environmental Health?

From critical thinking and problem solving skills, to research, public relations and communication skills, graduates in Environmental Health develop the knowledge and skills to work in a variety of public service, environmental and health care careers.

**Potential employers include:** State and federal government agencies including the Environmental Protection Agency, Center for Disease Control, National Institutes of Health, inspection agencies and public health departments, hospitals, colleges and universities, business and industry. For more, please visit <http://www.shoreline.edu/counseling-center/career-counseling.aspx>.

**What courses should I take?\***

General Education Requirements (20 Credits)	<b>Required:</b> ENGL& 101 (A); ENGL& 102 (A), 230 (W,S) or CMST& 101 (A); MATH& 151* (A); One course in Multicultural Understanding
Humanities/Social Sciences (15 Credits)	<b>Required:</b> One course each in Humanities and Social Sciences; a third course in either Humanities or Social Sciences
Pre-Major Requirements (54-59 Credits)	<b>Required:</b> Biology: BIOL& 211 (A), 212 (W,S), 213(S,U) Chemistry: CHEM 171/181 (F,W,S); CHEM 172/182 (W,S,U); CHEM 173/183 (F,S,U) Mathematics: MATH& 152 (F,W,S); MATH 211 (A) or MATH& 146 (S)
Major Science Sequence	<b>Required:</b> CHEM&241/271 (F,W), 242/272 (W,S)
Recommended Electives	<b>Recommended:</b> BIOL& 260 (A), CHEM& 243/273 (S), PHYS& 114 (F) or 211 (F,W), PHYS& 115 (W) or 222 (W,S,U), PHYS& 116 (S) or 223 (W,S)

F=Fall, W=Winter, S=Spring, U=Summer, A=All– indicates quarter(s) in which class is offered.

\* Although the UW only requires one quarter of calculus and a statistics course for Environmental Health, students are required to take two quarters of calculus for the Associate in Science degree. In lieu of the A.S. degree, students can choose to follow the Associate in Arts—Individualized Plan to prepare for transfer to the UW.

**Where can I transfer and what does my chosen four-year school require?**

Before choosing classes, become familiar with the four-year program where you want to apply: visit the website, email the department, and/or speak with a Shoreline advisor. Below are examples from Washington schools with different admissions and graduation requirements. Check with the school for world language requirements. (Non-native speakers of English are often exempt from this requirement.)

School	Transfer Information
<a href="http://www.uw.edu">University of Washington – Seattle</a>	<a href="http://tinyurl.com/hm3uecl">http://tinyurl.com/hm3uecl</a>

**\*\* This unofficial guide is intended to support you as you prepare for your major. Please consult with an advisor and your chosen four-year school(s), as program and admissions requirements vary and may change without notice.**