



Environmental Sciences

Major Preparation Sheet 2017-2018

Where does my path start?

You will complete an Associate of Science-Transfer (AS-T) Track 1 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 of Arts (B.A.) or Bachelor of Science (B.S.) in Environmental Sciences.

Environmental Sciences are excellent preparation for graduate studies in Science, Social Sciences, Public Policy, Education, Business and Law.

Environmental Sciences – What is it?

Environmental Science is an interdisciplinary study of the natural world and the complexity of environmental problems that impact the quality of life. Environmental Scientists apply scientific knowledge to solve environmental problems and provide solutions to protect, preserve and sustain the natural environment.

Areas of study in Environmental Sciences: Biology, Chemistry, Geography, Geology, Oceanography, Ecology, Climate Sciences, Biometrics, Environmental Impact and Risk Assessment, Ethics, Environmental Toxicology, Air and Water Quality, Population and Resources, Urban Planning and Resource Conservation.

Where can I go for help?

Program Faculty Advisors

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General Academic Advising

FOSS (5000) Building, Rm. 5229
 206-546-4559
advising@shoreline.edu
www.shoreline.edu/advising

For course information and entry codes, contact:

biologyadvising@shoreline.edu
chemistryadvising@shoreline.edu
mathadvising@shoreline.edu

International Student Academic Advising

9000 Building, Rm. 9302
 206-546-4697
ieadvisors@shoreline.edu
www.shoreline.edu/international/advising/

Career Planning

www.shoreline.edu/job-career-services/

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

Environmental Scientists develop strong scientific, critical thinking, problem solving, and communication skills to work as environmental scientists, wildlife biologists, fish and marine biologists, safety and health inspectors, ecologists, urban planners, consultants, policy makers and educators.

Potential employers include: Environmental Protection Agency, Natural Resource Conservation Services, Local, State and Federal Agencies, Consulting Firms, Water and Waste Management Companies, National Forest Service, Law Firms, Urban Planning Councils, Colleges and Universities and Non-Profit Organizations. For more, please visit <http://www.shoreline.edu/counseling-center/career-counseling.aspx>.

What courses should I take?*

General Education Requirements (20 Credits)	Required: 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)	Required: One course each in Humanities and Social Sciences; a third course in either Humanities or Social Sciences
Pre-Major Requirements (54-59 Credits)	Required: 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& 163 (F,W,S) Biology: BIOL& 211; BIOL& 212; BIOL& 213
Major Science Sequence (Min. 10 Credits for AS degree)	Recommended Courses: BIOL 144, GEOG 203, 204, GEOL& 101, GEOL 110, OCEA& 101, MATH& 163 (if not used for Math), MATH 207, 211 (If not used for Math), ENV& 101, CHEM& 241/271 and 242/272

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

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	School	Transfer Information
Central Washington University	http://tinyurl.com/jdpra6	University of Washington-Tacoma	http://tinyurl.com/j778h7e
Eastern Washington University	http://tinyurl.com/gqpzhng	Walla Walla University	http://tinyurl.com/z5a4h8p
Heritage University	http://tinyurl.com/jpqnflm	Washington State University-Pullman	http://tinyurl.com/jk3a2v2
Northwest University	http://tinyurl.com/jle4rr7	Washington State University-Richland	http://tinyurl.com/htjyhyr
Seattle University	http://tinyurl.com/z3kjpcm	Washington State University-Vancouver	http://tinyurl.com/j3dqott
University of Washington-Bothell	http://tinyurl.com/j9r7so5	Western Washington University	http://www.wvu.edu/vtc/
University of Washington-Seattle	http://tinyurl.com/hm3uecl		

**** 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.**