

2023-2024

BS.ENSC - Bachelor of Science in Environmental Science**Sample 4 Year Program of Study**

*This is a sample and not the only way to complete this plan. Number of credits are in parentheses. *Some classes have prerequisites.*

Year 1

Fall	Winter	Spring	Steps for Success
CHEM 1500/1501 – General Chem. I/Lab* (5)	CHEM 1510/1511 – General Chem. I/Lab* (6)	CHEM 1520 – General CHEM III* (4)	<input type="checkbox"/> Meet with your academic advisor quarterly for registration approval
ENSC 1000** Intro to Environmental Science (1)	MATH 1210 – Statistics for Life Sciences (5)	ENSC 1500 – Environmental Field Methods (5)	
UCOR Module I (5)	UCOR Module I (5)	MATH 1230 – Calc for Life Sci (MATH 1022 Trig must be sat.) * (5)	
UCOR Module I (5)			

Year 2

Fall	Winter	Spring	Steps for Success
PHYS 1050/1051 – Mechanics/Mechanics Lab* (5)	PHYS 1060/1061 – Waves & Optics/Waves & Optics Lab* (5)	ENSC 3420 – Chemistry for Environmental Engineering* (5)	<input type="checkbox"/> Meet with your academic advisor quarterly for registration approval
BIOL 1610/1611 – Biology I/Lab* (5)	BIOL 1620/1621 – Biology II/Lab* (5)	BIOL 1630/1631 – Biology III/Lab* (5)	
UCOR Module I (5)	CPSC 1220 – Data- Driven Prob. Solving & Progm (5)	UCOR Module II* (5)	
	ENSC 2400 – Environmental Sensors (2)		

Year 3

Fall	Winter	Spring	Steps for Success
BIOL 2600 Fundamentals of Ecology* (5)	ENSC 3500 – Intro to Geographic Info Systems (5)	ENSC 3710 – Water Resources I* (4)	<input type="checkbox"/> Meet with your academic advisor quarterly for registration approval
General Elective (5)	ENSC 3250 – Env Geology* or ENSC 3300 Nat Systems* (4)	UCOR Module II*(5)	
UCOR Module II*(5)	ENSC 3760 – Environmental Law* (or SR Year) (3)	Major Elective (5)	
	General Elective (5)		

Year 4

Fall	Winter	Spring	Steps for Success
ENSC 4870 – Senior Capstone I* (3)	ENSC 4880 – Senior Capstone II* (3)	ENSC 4890 – Senior Capstone III* (3)	<input type="checkbox"/> Meet with your academic advisor quarterly for registration approval
ENSC 4730 – Prin. of Environ. Engr.* (5)	ENSC 3300 Nat Systems* or ENSC 3250 Env Geology* (4)	UCOR Module III* (5)	
UCOR Module III* (5)	UCOR Module III* (5)	Major Elective (5)	
	Major Elective (5)		

University Core Requirements

UCOR classes are listed in the sample plan by what module is recommend. See below for UCOR course titles listed by Module. See my.seattleu.edu for prerequisites and www.seattleu.edu/core for course descriptions. Honors and Matteo Ricci students have different Core requirements.

Module I

UCOR 1100 Academic Writing Seminar
~~*UCOR 1200 Quantitative Thinking (satisfied in major)*~~
UCOR 1300 Creative Expression & Interpretation
UCOR 1400 Inquiry Seminar in the Humanities
UCOR 1600 Inquiry Seminar in the Social Sciences
~~*UCOR 1800 Inquiry Seminar in the Natural Sciences (satisfied in major)*~~

Module II

UCOR 2100 Theological Explorations
UCOR 2500 Philosophy of the Human Person
UCOR 2900 Ethical Reasoning **OR** **UCOR 2920** Ethical Reasoning Health Care

Module III

UCOR 3100 Religion in a Global Context
UCOR 3400 Humanities and Global Challenges
UCOR 3600 Social Sciences and Global Challenges
UCOR 3800 Natural Sciences and Global Challenges (satisfied in major)

Important Major Information

- Credits in Major: 105
- Minimum Major GPA: 2.0
- Please see my.seattleu.edu for elective option

Resources for Success

- Map out your own plan through My.SeattleU.edu
- Meet with a Career Coach from the [Career Engagement Center](#)
- Sign up for academic support with [Learning Assistance Programs](#)
- Explore career options at the [“What Can I Do with This Major”](#) page
- Learn more about academic advising on the [Advising Services](#) page

Notes

- Assumes trigonometry (MATH 1022) not needed due to placement exam or college credit.
- Assumes placement into MATH 1230 by SAT/ACT, SU math placement exam or college credit.
- * Asterisk denotes prerequisite(s) and corequisite(s)
- **Not required for graduation
- See list of approved major electives for major elective options
- PENS 3760 – Environmental Law offered every other year
- ENSC 3300 Natural Systems and ENSC 3250 Environmental Geology offered in alternating years
- For complete information on courses, pre-requisites, etc., use this information in conjunction with the online Catalog (<http://catalog.seattleu.edu/>) for the current year.
- The example below assumes you have completed no degree requirements. Your personal program of study may vary from this due to prior educational experience or individual goals.



Use MySeattleU Student Planning to plan your courses and work closely with your academic advisor on your educational plan. You are responsible for knowing information and tracking changes. Contact your Advising Center for support.

Science & Engineering Advising
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Seattle U Advising Services
<http://www.seattleu.edu/advising>