

Bachelor of Science in ENVIRONMENTAL SCIENCE

Graduation MAP

This is a suggested plan. Meet with an academic advisor to create a specific plan that best fits your academic needs. Remember, taking an average of 15 credit hours per semester facilitates timely graduation.



WEBER STATE
UNIVERSITY

Catalog Year: 2020-2021 [MATH 1010/ENGL 1010 Placement]

NAME: _____

<input checked="" type="checkbox"/>	Course	Credit Hour	Semester Offered	Milestones & Notes
Freshman (Semester 1)				
	BTNY 1403 LS Principles of Environmental Science	4	Fall/Spring	<ul style="list-style-type: none"> Complete QL, EN, and Information Literacy Gen Ed requirements within first 2 semesters. These skills will be needed in upper-division courses.
	ENGL 1010 Introductory College Writing	3	Fall/Spring/Summer	
	MATH 1010 Intermediate Algebra	4	Fall/Spring/Summer	
	GE American Institutions (AI) elective	3	Fall/Spring/Summer	
	LIBS 1504 Information Literacy Competency Exam -or- LIBS 1704 Information Navigator	1	Fall/Spring/Summer	
	Total Semester Credits	15		
Freshman (Semester 2)				
	GEO 1060 PS Environmental Geosciences -or- GEO 1110 PS Dynamic Earth: Physical Geology	3	Fall/Spring/Summer	<ul style="list-style-type: none"> Students should begin the required chemistry sequence (CHEM 1200/1210/1220) as early in their program of study as possible. CHEM 1200 is required for those students who did not take AP or Honors chemistry in high school.
	GEO 1115 Physical Geology Lab	1	Fall/Spring	
	MATH 1050 QL College Algebra	4	Fall/Spring/Summer	
	CHEM 1200 Preparation for College Chemistry	3	Fall/Spring/Summer	
	ENGL 2010 EN Intermediate College Writing	3	Fall/Spring/Summer	
	Total Semester Credits	14		
Sophomore (Semester 3)				
	ECON 1100 SS Environ Issues & Economic Policy	3		<ul style="list-style-type: none"> Students should have completed the QL, EN, and IL core Gen Ed requirements before beginning their 2nd/sophomore year.
	MICR 2054 LS Principles of Microbiology	4	Fall/Spring/Summer	
	MATH 1040 QL Introduction to Statistics	3	Fall/Spring/Summer	
	CHEM 1210 PS Principles of Chemistry I	5	Fall/Spring/Summer	
	Total Semester Credits	15		
Sophomore (Semester 4)				
	BTNY 2104 Plant Form & Function -or- ZOOL 1110 LS Principles of Zoology	4	Fall/Spring	<ul style="list-style-type: none"> Students should have completed the required chemistry sequence (CHEM 1200/1210/1220) before beginning their 3rd/junior year.
	PHYS 2090 PS Energy and the Environment	3	Spring	
	CHEM 1220 Principles of Chemistry II	5	Fall/Spring/Summer	
	GE Humanities (HU) elective	3	Fall/Spring/Summer	
	GEO 2600 Laboratory Safety	1	Fall/Spring	
	Total Semester Credits	16		
Junior (Semester 5)				
	BTNY 3454 Plant Ecology -or- ZOOL 3450 Ecology	4	Fall	<ul style="list-style-type: none"> Consult with the Environmental Science academic advisor to develop a plan for the required 24 credits of electives, which can be used to complete an emphasis area of the student's choice. (CAT 1), etc. = Category 1 elective. There are lots of choices for each of the 4 categories.
	GEO 3710 Introduction to GIS	4	Fall/Spring	
	MICR 3502 Environmental Health	2	Fall	
	GE Social Science (SS) elective	3	Fall/Spring/Summer	
	BTNY 2413 Natural Resource Management (CAT 1)	3	Fall	
	Total Semester Credits	16		

<input checked="" type="checkbox"/>	Course	Credit Hours	Semester Offered	Milestones & Notes
Junior (Semester 6)				
	GEO 3720 Geospatial Analysis (CAT 4)	4	Spring	<ul style="list-style-type: none"> Consult the catalog for the list of approved electives for the Environmental Sciences BS degree. (CAT 1), etc. = Category 1 elective. There are lots of choices for each category.
	GEO 3010 Oceanography & Earth Systems	3	Spring	
	GEO 4560 Environmental Geochem (CAT 3)	4	Spring	
	MICR 3012 Microbiol & Global Public Hlth (CAT 2)	2	Spring	
	GE Creative Arts (CA) elective	3	Fall/Spring/ Summer	
	Total Semester Credits	16		
Senior (Semester 7)				
	GEO 3080 Applied Hydrology (CAT 3)	4	Fall	<ul style="list-style-type: none"> Consult the catalog for the list of approved electives for the Environmental Sciences BS degree. (CAT 1), etc. = Category 1 elective. There are lots of choices for each category.
	GE Humanities or Creative Arts (HU/CA) Elective	3	Fall/Spring/Summer	
	GEO 4800 Independent Research (CAT 4)	2	Fall/Spring/Summer	
	Upper-division electives (crse # >3000)	6		
	Total Semester Credits	15		
Senior (Semester 8)				
	GEO 4990 Geoscience & Society Seminar	2	Spring	<ul style="list-style-type: none"> Consult the catalog for the list of approved electives for the Environmental Sciences BS degree. (CAT 1), etc. = Category 1 elective. There are lots of choices for each category.
	GEO 4080 Grndwtr & Environ Assessment (CAT 3)	4	Spring	
	Upper-division elective (crse # >3000)	3		
	Free elective	4		
	Total Semester Credits	13		
	Total Bachelor Credits	120*		

Gen Ed Breadth Requirements (do not duplicate departments)

<input type="checkbox"/> HU	<input type="checkbox"/> CA	<input type="checkbox"/> HU or CA
<input type="checkbox"/> SS	<input type="checkbox"/> SS	
<input type="checkbox"/> PS CHEM 1210	<input type="checkbox"/> LS	<input type="checkbox"/> PS or LS PHYS 2010
<input type="checkbox"/> DV (Double dip with Breadth course)		

Avoid misadvisement! Consult your academic advisor (weber.edu/advisors), the WSU Catalog (weber.edu/catalog), and your CatTracks degree evaluation (log into your eWeber Student Portal).

Revision Date: 5/13/2020

Notes: The Environmental Sciences BS degree does NOT require a minor. However, a minor in communication, data analytics, geospatial studies, or technical & professional writing could be favorably looked upon by potential graduate programs and/or employers.

Taking courses during the summer terms can lighten the course load for Fall and Spring semesters and/or permit a student to complete a minor.

***A minimum of 120 credit hours are required for a bachelor's degree.**