

Bachelor of Science in Environmental Science -- 120 Credits

Environmental Professional JENVSCI-BS / JENVPRO-SP (RG 9666)

Effective August 2024

GENERAL EDUCATION REQUIREMENTS

REQUIRED COURSES (RQ 3196)

Foundational Courses		CR	Satisfied/Term
Engcmp 0005	Composition 1	3	
Engcmp 0006	Composition 2	3	
CommRc 0052	Public Speaking	3	
Basic Algebra or Placement Test			
Math 0001	Algebra 1	3	
Quantitative Reasoning (QR) - 1 Course			
<i>Note - a student cannot test out of their QR requirement.</i>			
		3	

FREE ELECTIVES

Free electives are the balance of credits required for graduation (120) that are not used to satisfy competencies, knowledge areas, major requirements, electives, or any related area required by the department.			
	CR	Satisfied/Term	

WORLDS OF KNOWLEDGE (RQ 6825)

Aesthetic and Creative Expression				
Subject	Number	Course Title	CR	Satisfied/Term
			3	
			3	
Societies & Civics				
Subject	Number	Course Title	CR	Satisfied/Term
			3	
			3	
Follow-Up Courses				
Subject	Number	Course Title	CR	Satisfied/Term
			3	
			3	

Global History & Culture				
Subject	Number	Course Title	CR	Satisfied/Term
			3	
			3	
Science & Nature				
Subject	Number	Course Title	CR	Satisfied/Term
			3	
			3	

Each student must take 2 courses in each World of Knowledge. The two courses taken within each World must be from different subjects. A student must take two additional "Follow-Up" courses from any World.

- >The minimum number of courses taken in the Worlds must be 10.
- >The Follow-Up courses may repeat a subject previously taken in a World.
- >A student cannot use a major required Subject course in one of the Worlds.
- >For example: A Biology student cannot use BIOL 0110 to fulfill a requirement in the Science and Nature World.
- >Students cannot use a course to count both in their QR requirement and one of the Worlds.
- >Students can choose QR and Worlds of Knowledge courses from published course lists.

MAJOR REQUIREMENTS (RG 9666)

Required Geo Courses (RQ 4949)			
	CR	Satisfied/Term	
Geo 0100	The Physical Earth	3	
Geo 0105	The Physical Earth Lab	1	
Geo 0110	Intro to the Environment	3	
Geo 0910	Geostatistics and Computer App	4	
Geo 0920	Geomorphology	4	
Requirement Satisfied	15		

Required Chemistry Courses (RQ 4950)			
	CR	Satisfied/Term	
Chem 0111	General Chemistry	3	
Chem 0113	General Chemistry Lab	1	
Requirement Satisfied	4		

Required Math Courses (RQ 4951)			
	CR	Satisfied/Term	
Math 0004	Pre-Calculus, Functions & Trig	4	
Requirement Satisfied	4		

Required Geography Courses (RQ 4954)			
	CR	Satisfied/Term	
Geo 0340	Cartography	3	
Geo 1150	Geographic Information Systems	3	
Requirement Satisfied	6		

Real World Experiences Courses (RQ 4955)			
	CR	Satisfied/Term	
Geo 1305	Senior Capstone	4	
Geo 1400	Internship	4	
Requirement Satisfied	8		

Required Environmental Professional Courses (RQ 4952)				
Complete the following				
	CR	Satisfied/Term		
Chem 0112	General Chemistry 2	3		
Chem 0114	General Chemistry Lab	1		
Math 0221	Analytic Geometry & Calculus 1	4		
Geo 0310	Introduction to Soil Science Or Geo 1100 Geology of Soils	4		
Geo 0900	Mineralogy	4		
Geo 1000	Structural Geology	4		
Geo 1020	Geophysics Or Geo 1250 Sedimentation & Stratigraphy Or Geo 1260 Igneous & Metamorphic Petrology	4		
Geo 1200	Hydrology Or Geo 1210 Hydrogeology	4		
Geo 1350	Geology Field Methods	4		
Requirement Satisfied	32			

Required Environmental Professional Electives (RQ 4953)				
Select 7 credits from the following courses				
	CR	Satisfied/Term		
Biol 0083	Human Ecology	3		
Biol 0110	General Biology 1 and Biol 0111 General Biology 1 Lab	3		
Biol 0120	General Biology 2 and Biol 0121 General Biology 2 Lab	3		
Biol 0340	Ecology and Biol 0341 Ecology Lab	3		
CE 1503	Intro to Environmental Engr	3		
Chem 0230	Fundamentals of Organic Chemistry	4		
Chem 1351	Green Chemistry & Sustainability	3		
Geo 0300	Geodynamics	4		
Geo 0940	Paleontology	4		
Geo 1230	Resource Management	4		
Geo 1280	Renewable Energy	4		
PS 1245	Environmental Politics and Policy	3		
Requirement Satisfied	7			

MGPA (RQ 4956)
Major 50% (RQ 4957)

Created 3/24/2025

IMPORTANT INFORMATION:

This sheet is an unofficial representation of the major requirements and the information is subject to change. It is not an official record of academic progress and should not be treated as such. Official degree information can only be obtained through the Division Office or the Office of the Registrar.