# 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** | | | | |
| *Note - a student cannot test out of their QR requirement.* | | | | |
| | | 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 | |
|---|---|---|---|
| | | | |
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**WORLDS OF KNOWLEDGE (RQ 6825)**

| Aesthetic and Creative Expression | | | | | |
|---|---|---|---|---|---|
| Subject | Number | Course Title | CR | Satisfied/Term | |
| | | | 3 | | |
| | | | 3 | | |

| Global History & Culture | | | | | |
|---|---|---|---|---|---|
| Subject | Number | Course Title | CR | Satisfied/Term | |
| | | | 3 | | |
| | | | 3 | | |

| Societies & Civics | | | | | |
|---|---|---|---|---|---|
| Subject | Number | Course Title | CR | Satisfied/Term | |
| | | | 3 | | |
| | | | 3 | | |

| Science & Nature | | | | | |
|---|---|---|---|---|---|
| Subject | Number | Course Title | CR | Satisfied/Term | |
| | | | 3 | | |
| | | | 3 | | |

| Follow-Up Courses | | | | | |
|---|---|---|---|---|---|
| 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-Calulus, Functions & Trig | 4 | | |
| **Requirement Satisfied** | | **4** | | |

| Required Geography Courses (RQ 4954) | | CR | Satisfied/Term | |
|---|---|---|---|---|
| Geo 0420 | 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<br>**Or** Geo 1100 Geology of Soils | 4 | | | |
| Geo 0900 Mineralogy | 4 | | | |
| Geo 1000 Structural Geology | 4 | | | |
| Geo 1020 Geophysics<br>**Or** Geo 1250 Sedimentation & Stratigraphy<br>**Or** Geo 1260 Igneous & Metamorphic Petrology | 4 | | | |
| Geo 1200 Hydrology<br>**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 0110 General Biology 1 | 3 | | | |
| **and** Biol 0111 General Biology 1 Lab | 1 | | | |
| Biol 0120 General Biology 2 | 3 | | | |
| **and** Biol 0121 General Biology 2 Lab | 1 | | | |
| Biol 0340 Ecology | 3 | | | |
| **and** Biol 0341 Ecology Lab | 1 | | | |
| 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)

Updated 3/30/2026

**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.