# Springfield College
# Sequencing Guide
# Environmental Studies Major (ENVR) ▼ 2026-2027

*Requirements are subject to change and may not be offered when listed. Use your online degree audit to verify your progress with your advisor.*

## Core Curriculum Requirements, Electives, and College Requirements

*In addition to the major requirements listed below, you will need to fill the following Core Curriculum categories:*

- 100-level Wellness & Physical (1 cr)
- 300-level Wellness & Physical (1 cr)
- Literature (3 cr)
- Aesthetic Expression (3 cr)
- Historical and Social (3 cr)
- Themed Exploration (9 cr)
  - 3 different prefixes
  - 1 Global course

*This major typically requires 72 to 74 credits to complete. In addition to the Core Curriculum and major requirements listed, you must complete:*

- **16-19 elective credits or more** to total at least 120 credits
- A **minimum cumulative GPA** of 2.000 or higher
- The **residency requirement**—45 credits taken at Springfield College (including 15 of your last 30)

## ENVR Major Requirements – Typical First-Year Schedule

**Fall:**
SCSM 101, Springfield College Seminar (Core requirement – 3 cr)
ENGL 113, College Writing I (Core requirement – 3 cr)
BIOL 121, Introductory Molecular and Cellular Biology (3 cr – also fills Scientific Reasoning Core)
BIOL 123, Introduction to Bench Research (1 cr – also fills Scientific Reasoning Core)
ENVS 120, Foundations of Sustainability (3 cr)

Plus other Core and major requirements, or electives to total approximately 15 credits

**Spring:**
ENGL 114, College Writing II (Core requirement – 3 cr)
BIOL 122, Introductory Evolutionary, Organismal, and Ecological Biology (3 cr)
BIOL 124, Introduction to Field Research (1 cr)
ENVS 140, Our Changing Climate (3 cr)

Plus other Core and major requirements, or electives to total 30 credits for the year

**Fall or Spring:**
*If needed to prepare for MATH 215:*
MATH 90, Introductory College Mathematics (0 cr) *and/or*
MATH 115, College Algebra (3 cr)

## ENVR Major Requirements – Typical Second-Year Schedule

**Fall:**
BIOL 282, Seminar in Science as a Profession (1 cr)

Plus Core and major requirements, or electives to total approximately 15 credits

**Spring:**
BIOL 283, Seminar in the Scientific Method (1 cr)

Plus Core and major requirements, or electives to total 30 credits for the year

**Fall or Spring:**
MATH 215, Probability and Statistics (3 cr – also fills Quantitative Reasoning Core)
CHEM 101/CHEM 102 Chemistry Survey (3 cr) and Lab (1cr)
or PHSC 105/PHSC 107, Physical Science and the Environment and Lab (4 cr)

## ENVR Major Requirements – Typical Third-Year Schedule

**Fall or Spring:**

Other Core and major requirements, or electives to total 30 credits for the year

## ENVR Major Requirements – Typical Fourth-Year Schedule

**Fall or Spring:**
BIOL 482, Natural Science Capstone (3 cr – must be taken in final year of residency)

Any outstanding major requirements, Core, or electives to total a minimum of 120 credits for your career

## Additional ENVR Major Requirements – Flexible Timing

### Additional Natural Science courses (14 – 16 cr)

Choose four of the following courses (and lab, if applicable). Two of four courses must have a lab.
CHEM 121, General Chemistry I (3 cr) and CHEM 123, General Chemistry I Lab (1 cr)
CHEM 122, General Chemistry II (3 cr) and CHEM 124, General Chemistry II Lab (1 cr)
PHYS 210, General Physics I with lab (4 cr) or PHYS 310 General Physics I with Calculus (4 cr)
PHYS 211, General Physics II with lab (4 cr) or PHYS 311 General Physics II with Calculus (4 cr)
BIOL 260, General Ecology (3 cr - fills WAC) and BIOL 261, General Ecology Lab (1 cr)
BIOL 264, Flora and Fauna of New England (3 cr) and BIOL 266, Flora and Fauna of New England Lab (1 cr)
BIOL 270, Plant Biology (3 cr) and BIOL 271, Plant Biology Lab (1 cr)
BIOL 320, International Tropical Field Research (4 cr)
ENVS 215, Environmental Geology (3 cr) and ENVS 216, Environmental Geology Lab (1 cr)
ENVS 240, Hydrology (3 cr) and ENVS 241, Hydrology Lab (1 cr)
BIOL 230, Animal Biology (3 cr – fills WAC)
BIOL 310, Evolution (3 cr)
ENVS 294, Mentored Undergraduate Research (1 -6 cr)*
ENVS 486, Environmental Science Internship (1-3 cr)*

*A maximum of 3 total credits of an internship (ENVS 486) and a maximum of 3 total credits of directed research (ENVS 294) may be used toward the required additional selective credits.

### Quantitative Courses (6 cr)

Choose two of the following courses.
CISC 125, Data Analysis Using R (3 cr)
CISC 215, Python Programming (3 cr)
MATH 125, Pre-Calculus (3 cr)
MATH 140, Calculus I (3 cr)
MATH 142, Calculus II (3 cr)
ENVS 350, Introduction to Geographic Information Systems (3 cr – offered spring of odd years)

### Social Science and Humanities Courses (6 cr)

Choose two of the following courses.
HIST 365, Environmental History of America (3 cr)
SOCI 314, Environment and Society (3 cr)
PHIL 110, Environmental Ethics (3 cr – fulfills Spiritual and Ethical Core)
ENGL 270, Nature and Environmental Writers (3 cr)
RELI 212, Religion and Environment (3 cr)
PHIL 130, Philosophy of Law (3 cr)

## ENVS Major - Program Standards

Program standards for the ENVS major include, but are not limited to:

- A grade of C- or better in all courses required for the major, including selectives