

# SAMPLE Four-Year Plan

## Environmental Science Natural Science Emphasis

### FALL 2023 Requirements

The curriculum in the environmental science major is somewhat flexible in that there are some required sequences and it allows students to move through other coursework in many ways. This four-year plan illustrates one possible path a new freshman could take to complete a degree in four years. This is not an official document and is not the only way that an environmental science degree can be completed in four years. Current students should refer to their individual Academic Advising Report for specific graduation requirements. Courses in bold indicate major-based coursework that is completed in the first year.

#### First Year

Fall Semester	Units
English 101 Intro to College Writing and Reading	3
<b>Math 142 College Algebra</b>	4
<b>ENVSCI 100 Exploration of the Env. Science Major</b>	1
<b>Gened CORE 140 Global Perspectives</b>	3
General Education elective	3
Intrauniversity 104 New Student Seminar	1
<b>Total Credits</b>	<b>15</b>

Spring Semester	Units
English 102 Intro to College Writing, Reading, Research	3
<b>ENVSCI 200 Intro to Environmental Science</b>	3
<b>Chemistry 102 General Chemistry I</b>	5
Gened CORE 130 Individual and Society	3
PEGNRL 192 Personal Health and Fitness for Life	1
<b>Total Credits</b>	<b>15</b>

**Notes:** The math and English courses you will take during your first year will depend on placement exam scores. This four-year plan reflects the math and English courses most common for students in this major. All students are encouraged to submit test scores prior to attending Warhawks SOAR (Student Orientation, Advising, and Registration).

**Opportunities:** Joining a university-sponsored club and actively participating is strongly encouraged. Involvement in a club or activity will help you develop interpersonal skills, give you the opportunity to learn and practice leadership skills, and adds to your resume. Some clubs that may be of particular interest to students with an environmental science major include Gardening Club and Students Allied for a Green Earth (SAGE).

#### Second Year

Fall Semester	Units
Biology 141 Introductory Biology I	5
Geography 270 GIS I or History 190 N. Am. Env. History	3
Gened CORE 110 World of the Arts	3
U.S. Racial/Ethnic Diversity Course	3
<b>Total Credits</b>	<b>14</b>

Spring Semester	Units
Biology 142 Introductory Biology II	5
Geosciences or SEM approved course	3-5
Unique Requirement course	3
Communication 110 Intro to Human Communication	3
<b>Total Credits</b>	<b>14-16</b>

**Notes:** The list of approved Natural Science courses is available in the online course catalog <https://www.uww.edu/registrar/course-catalogs> and includes courses from many subject areas. Environmental Science majors choose from four unique requirement options: Geographic Information Systems, Analytical Chemistry, Ecological Field and Lab Methods, and Environmental Writing and Communication. Some courses in the unique requirements have prerequisites that are not listed on this plan and some also count as general education electives. Work with your advisor to select the option that best meets your career goals.

**Opportunities:** Undergraduate research is highly recommended for students who have an interest in attending graduate school in the future. Completing a directed research project with a faculty mentor has many benefits: it develops a student's critical thinking and writing abilities, signals to graduate school programs that a student is prepared for independent research of their own, and it can provide a student with financial support since many undergraduate research opportunities are paid.



University of Wisconsin  
Whitewater

College of Letters  
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# Geography, Geology & Environmental Science Department Information

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[www.edu/cls/departments/geography-geology-env-sci](http://www.edu/cls/departments/geography-geology-env-sci)

## Third Year

Fall Semester	Units	Spring Semester	Units
ENVSCI 300 Field and Research Methods in Env. Science	3	Natural Science approved course 300/400 level	3
Natural Science approved course	3	Natural Science approved course 300/400 level	3
Natural Science approved course	3	Geosciences or SEM approved course	3
Geosciences or SEM approved course	3-5	BS Requirement Math/Stats/CompSci course	3
Unique Requirement course	3	Gened CORE 390 World of Ideas	3
<b>Total Credits</b>	<b>15-17</b>	<b>Total Credits</b>	<b>15</b>

**Notes:** Students in this emphasis complete at least 6 units of approved Sustainability and Environmental Management (SEM) and 6 units of approved Geosciences courses.

**Opportunities:** An internship is not required for the environmental science major but is one option to fulfill the Experiential Learning requirement and can be a great opportunity for practical experience. An internship is an opportunity that provides students with hands-on experience in a potential career field, supervision and coaching from prospective employers, and the ability to learn professional norms and behaviors. In addition, completing an internship allows students to differentiate themselves in a competitive job market. Students should begin planning for an internship by the beginning of the junior year and can complete the internship in the junior or senior year.

## Fourth Year

Fall Semester	Units	Spring Semester	Units
Natural Science approved course 300/400 level	3	ENVSCI 400 Environmental Science Capstone	3
Geosciences or SEM approved course	3	Unique Requirement course	3
PWP 371 Writing in the Sciences	3	Electives to total 120 (if needed)	6-9
Experiential Learning course	1-3		
BS Requirement Math/Stats/CompSci course	3		
<b>Total Credits</b>	<b>13-17</b>	<b>Total Credits</b>	<b>12-15</b>

**Notes:** All students must earn 120 credits to earn a bachelor's degree and all requirements in this program can be completed in fewer than 120 credits. Most students have the opportunity to choose additional courses in the fourth year to expand skills, explore interests, or try something new.

**Opportunities:** LSINDP 399: Career Information in Letters and Sciences is a 1-credit course that focuses on career and graduate school opportunities; identifying skills, strengths, and work values; creating effective job search materials; developing a networking strategy; and planning for a successful post-graduation transition.

**Planning for Graduation:** Students are encouraged to apply for graduation one full semester prior to their intended graduation date. Information about commencement is on the Registrar's Office website (<http://www.uww.edu/registrar/graduation>) and the application for graduation is available to students in the WINS Student Information System.

*Curriculum effective date: Fall 2023*



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