ENVIRONMENTAL SCIENCE: NATURAL RESOURCES, BSAG

Requirements for Students Matriculating in or before Academic Year 2026-2027. Learn more about University Academic Regulation 3.1 (https://catalog.okstate.edu/university-academic-regulations/#matriculation).

Minimum Overall Grade Point Average: 2.00
Total Hours: 124

Code	Title	Hours
General Education Requirements		
English Composition		
See Academic Regulation 3.5 (https://catalog.okstate.edu/university-academic-regulations/#english-composition/)		
ENGL 1113	Composition I	3
or ENGL 1313	Critical Analysis and Writing I	
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
American History & Government		
Select one of the following:		3
HIST 1103	Survey of American History	
HIST 1483	American History to 1865 (H)	
HIST 1493	American History Since 1865 (DH)	
POLS 1113	American Government	3
Quantitative Thought & Logical Reasoning (Q)		
STAT 2013	Elementary Statistics (Q) [1]	3
Understanding Humanities-Human Heritage & Cultures (H)		
Courses designated (H)		3
Courses designated (DH)		3
Reasoning in the Natural Sciences (N)		
Must include one Laboratory-Based Inquiry (L) course		
Select four hours from the following:		4
BIOL 1113 & BIOL 1111	Introductory Biology (N) and Introductory Biology Laboratory (LN) [1]	
BIOL 1114	Introductory Biology (LN) [1]	
Course designated (N)		2
Exploring Society & Human Behavior (S)		
AGEC 1113	Introduction to Agricultural Economics (S) [1]	3
AGCM 3203	Oral Communications in Agricultural Sciences & Natural Resources (S) [1]	3
or SPCH 2713	Introduction to Speech Communication (S)	
Diversity (D)		
May be paired with another designated course		
Global Cultural Competency (G)		
Courses designated (G)		3
Additional General Education		
Additional general education credit hours (at least 4 hours) are required to meet the total 40-hour minimum. If courses carry more than one general education designation and can be used to meet multiple minimum general education designation hours above, more than 4 hours of additional general education will be required here to meet the 40-hour minimum.		
Courses designated (Q), (H), (N), (S), (D), (G), or (F).		4
Hours Subtotal		**40**
College/Departmental Requirements		
UNIV 1111	First Year Seminar (or other approved first year seminar course) [3]	1
ENVR 1113	Elements of Environmental Science (N) [3]	3
SOIL 2124	Fundamentals of Soil Science (N) [3]	4
Select one of the following:		3
BCOM 3113	Written Communication [3]	
AGCM 3103	Written Communications in Agricultural Sciences and Natural Resources [3]	
ENGL 3323	Technical Writing [2,3]	
CHEM 1314	Chemistry I (LN) [1,3]	4
or CHEM 1215	Chemical Principles I (LN)	
MATH 1513	College Algebra (Q)	3
CHEM 1515	Chemistry II (LN) [1,3]	5
or CHEM 1225	Chemical Principles II (LN)	
Hours Subtotal		**23**
Major Requirements		
ENVR 1011	Environmental Science Undergraduate Seminar [3]	1
ENVR 3101	Career Development in Environmental Sciences [3]	1
ENVR 3113	Environmental Sampling and Analysis [3]	3
ENVR 4113	Advanced Environmental Sampling and Analysis	3
ENVR 4010	Internships in Environmental Science [3]	1
ENVR 4363	Environmental Soil Science [3]	3
ENVR 4512	Introduction to National Environmental Policy Act [3]	2
ENVR 4513	Nature-based Solutions	3
ENVR 4811	Capstone Project Planning [3]	1
ENVR 4813	Environmental Science Capstone [3]	3
Select one of the following:		3
NREM 2083	Geospatial Technologies for Natural Resources [3]	
GEOG 2344	Digital Tools for Environmental Problem-Solving (LN) [3]	
GEOG 4203	Fundamentals of Geographic Information Systems [3]	
Select one of the following:		3
NREM 4043	Natural Resource Administration and Policy [3]	
POLS 4363	Environmental Law And Policy [3]	
SOC 4433	Environmental Sociology (S) [3]	
CHEM 3013	Survey of Organic Chemistry [3]	3
or BIOC 2344	Chemistry and Applications of Biomolecules	
BIOL 3034	General Ecology [3]	4

PBIO 1404	Plant Biology (LN) [1]	4
BIOL 1604	Animal Biology	4
GEOL 1114	Physical Geology (LN)	4
PHYS 1114	College Physics I (LN)	4
Select one of the following:		3
MATH 2103	Business Calculus (Q)	
MATH 2144	Calculus I (Q)	
STAT 4013	Statistical Methods I (Q)	
Select 8 hours of the following:		8
AGEC 3503	Natural Resource Economics	
AGCM 3503	Issues Management and Crisis Communications in Agriculture and Natural Resources	
BIOL 3163	Environmental Biology	
BIOL 4363	Principles of Toxicology	
ENTO 2993	Introduction to Entomology (LN)	
ENVR 4033	Ecology of Invasive Species	
ENVR 4500	Environmental Science Problems	
ENVR 4893	Environmental Soil Chemistry	
GEOG 4073	Climate Change: Past, Present, and Future	
GEOL 3503	Environmental Geology (N)	
MICR 2123	Introduction to Microbiology	
MICR 2132	Introduction to Microbiology Laboratory	
NREM 3143	Forest Biology	
NREM 4443	Watershed Hydrology and Water Quality	
PBIO 3253	Environment and Society (N)	
PBIO 4005	Field Botany	
PLNT 4123	Plant-Environment Interactions	
POLS 4593	Natural Resources and Environmental Policy	
SOC 4453	Environmental Inequality (S)	
SOIL 3433	Soil Genesis, Morphology, and Classification	
SOIL 4011	Professional Preparation for Soil Profilers	
SOIL 4463	Soil and Water Conservation	
SOIL 4483	Soil Microbiology	
SOIL 4683	Soil, Water, and Weather	
Hours Subtotal		**61**
Electives		
Select 0 hours or hours to complete required total for degree		0
Total Hours		**124**

1 College & Departmental or Major requirements that may be used to meet General Education requirements.

2 If ENGL 3323 Technical Writing is used to satisfy ENGL 1213 Composition II above then hours in this block are 0.

3 Hours meeting the Major common core.

Other Requirements

- A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above.
- A 2.00 GPA or higher in upper-division hours.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2032.