**ENVIRONMENTAL SCIENCE: NATURAL RESOURCES, BSAG**

Requirements for Students Matriculating in or before Academic Year 2022-2023. Learn more about University Academic Regulation 3.1 ([http://catalog.okstate.edu/university-academic-regulations/#matriculation](http://catalog.okstate.edu/university-academic-regulations/#matriculation)).

**Minimum Overall Grade Point Average:** 2.00

**Total Hours:** 124

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENVR 1113</td>
<td>Elements of Environmental Science (N)</td>
<td>3</td>
</tr>
<tr>
<td>SOIL 2124</td>
<td>Fundamentals of Soil Science (N)</td>
<td>3</td>
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</tbody>
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Select one of the following:

- BCOM 3113 | Written Communication | 3 |
- AGCM 3013 | Written Communications in Agricultural Sciences and Natural Resources | 3 |
- ENGL 3323 | Technical Writing | 2,3 |
- MATH 1513 | College Algebra (A) | 1,3 |
  - or MATH 1813 | Preparation for Calculus (A) | 3 |
- CHEM 1314 | Chemistry I (LN) | 1,3 |
  - or CHEM 1215 | Chemical Principles I (LN) | 4 |
- CHEM 1515 | Chemistry II (LN) | 1,3 |
  - or CHEM 1225 | Chemical Principles II (LN) | 5 |

**Hours Subtotal:** 23

**Major Requirements**

- AGEC 3503 | Natural Resource Economics | 3 |
- ENVR 3113 | Sampling and Analyses for Solving Environmental Problems | 3 |

Select one of the following:

- GEOG 2344 | Digital Tools for Environmental Problem-Solving (LN) | 3 |
- NREM 2083 | Geospatial Technologies for Natural Resources | 3 |
- GEOR 4203 | Fundamentals of Geographic Information Systems | 3 |
- ENVR 4010 | Internships in Environmental Science | 3 |
- ENVR 4811 | Professional and Capstone Planning | 3 |
- ENVR 4813 | Environmental Science Capstone | 3 |

Select one of the following:

- AGEC 3723 | Environmental Law for Agriculture and Natural Resources | 3 |
- NREM 4043 | Natural Resource Administration and Policy | 3 |
- POLS 4363 | Environmental Law and Policy | 3 |
- SOU 4333 | Environmental Sociology (S) | 3 |
- CHEM 3013 | Survey of Organic Chemistry | 3 |
  - or BIOC 2344 | Chemistry and Applications of Biomolecules | 3 |
- BIOL 3034 | General Ecology | 3 |
- PBIO 1404 | Plant Biology (LN) | 4 |
- BIOL 1604 | Animal Biology | 4 |
- GEOL 1114 | Physical Geology (LN) | 4 |
- PHYS 1114 | College Physics I (LN) | 4 |
- MATH 2144 | Calculus I (A) | 4 |

**Related Courses**

Select 14 hours of the following:

- 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 |

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**Code** | **Title** | **Hours** |
---|---|---|
ENGL 1113 | Composition I | 3 |
  - or ENGL 1313 | Critical Analysis and Writing I | 3 |

Select one of the following:

- ENGL 1213 | Composition II |
- ENGL 1413 | Critical Analysis and Writing II |
- ENGL 3323 | Technical Writing |

**American History & Government**

Select one of the following:

- HIST 1103 | Survey of American History |
- HIST 1483 | American History to 1865 (H) |
- HIST 1493 | American History Since 1865 (DH) |
- POLS 1113 | American Government |

**Analytical & Quantitative Thought (A)**

- STAT 2013 | Elementary Statistics (A) |

**Humanities (H)**

Courses designated (H) | 6 |

**Natural Sciences (N)**

Must include one Laboratory Science (L) course

Select four hours from the following:

- BIOL 1113 | Introductory Biology (N) |
  - BIOL 1111 | and Introductory Biology Laboratory (LN) |
  - BIOL 1114 | Introductory Biology (LN) |

Course designated (N) | 3 |

**Social & Behavioral Sciences (S)**

- AGEC 1113 | Introduction to Agricultural Economics (S) |
  - AGCM 3203 | Oral Communications in Agricultural Sciences & Natural Resources (S) |
  - or SPCH 2713 | Introduction to Speech Communication (S) |

**Additional General Education**

Courses designated (A), (H), (N), or (S) | 6 |

**Hours Subtotal:** 40

**Diversity (D) & International Dimension (I)**

May be completed in any part of the degree plan

Select at least one Diversity (D) course

Select at least one International Dimension (I) course

**College/Departmental Requirements**

- AG 1011 | First Year Seminar | 3 |

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Learn more about [University Academic Regulation 3.1](http://catalog.okstate.edu/university-academic-regulations/#matriculation).
ENVR 4512  Introduction to National Environmental Policy Act
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
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 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 2028.