ENGLISH COMPOSITION

See Academic Regulation 3.5 (http://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

HUMANITIES (H)

Courses designated (H) 6

NATURAL SCIENCES (N)

Must include one Laboratory Science (L) course
BIOL 1114 Introductory Biology (LN) 4

Course designated (N) 3

SOCIAL & BEHAVIORAL SCIENCES (S)

AGEC 1113 Introduction to Agricultural Economics (S) 3
AGCM 3203 Oral Communications in Agricultural Sciences & Natural Resources (S) 3
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

AGRICULTURAL SCIENCES AND NATURAL RESOURCES

AG 1011 First Year Seminar 1
ENVR 1113 Elements of Environmental Science 3
SOIL 2124 Fundamentals of Soil Science (N) 4

Environmental Science: Natural Resources, BSAG

Requirements for Students Matriculating in or before Academic Year 2018-2019. Learn more about University Academic Regulation 3.1 (http://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 (http://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
HIST 1493 American History Since 1865
POLS 1113 American Government

Analytical & Quantitative Thought (A)

STAT 2013 Elementary Statistics (A) 1 3

Humanities (H)

Courses designated (H) 6

Natural Sciences (N)

Must include one Laboratory Science (L) course
BIOL 1114 Introductory Biology (LN) 4

Course designated (N) 3

Social & Behavioral Sciences (S)

AGEC 1113 Introduction to Agricultural Economics (S) 3
AGCM 3203 Oral Communications in Agricultural Sciences & Natural Resources (S) 3
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

Agricultural Sciences and Natural Resources

AG 1011 First Year Seminar 1
ENVR 1113 Elements of Environmental Science 3
SOIL 2124 Fundamentals of Soil Science (N) 4

Select one of the following: 3

CHEM 3013 Survey of Organic Chemistry
BIOC 2344 Chemistry and Applications of Biomolecules
CHEM 3015 Survey of Organic Chemistry

Additional Requirements

If CHEM 1414 is taken, then must have both CHEM 3015 and BIOC 2344

PBIO 1404 Plant Biology (LN) 4
or BIOL 1601 Animal Biology

CHEM 1314 Chemistry I (LN) 4
or CHEM 1215 Chemical Principles I (LN)

CHEM 1515 Chemistry II (LN) 5
or CHEM 1225 Chemical Principles II (LN)

PHYS 1114 College Physics I (LN) 4

Select one of the following: 4

PHYS 1214 College Physics II (LN)
MATH 2144 Calculus I (A)
GEOL 1114 Physical Geology (LN)

Select one of the following: 5

MATH 1715 Precalculus (A)
MATH 1513 College Algebra (A)
& MATH 1613 and Trigonometry (A)

Written and Oral Communications

Select one of the following: 3

BCOM 3113 Written Communication
AGCM 3103 Written Communications in Agricultural Sciences and Natural Resources
ENGL 3323 Technical Writing 2

Hours Subtotal 40

Major Requirements

Core Courses

AGEC 3503 Natural Resource Economics 3
BIOL 3034 General Ecology 4
ENVR 3113 Sampling and Analyses for Solving Environmental Problems 3

ENVR 4811 Professional and Capstone Planning 1
ENVR 4813 Environmental Science Applications and Problem Solving 3

Select one of the following: 3

NREM 4043 Natural Resource Administration and Policy

ENVR 4512 Environmental Impact Analysis
POLS 4363 Environmental Law And Policy
NREM 4443 Watershed Hydrology and Water Quality 3
ENVR 4893 Soil Chemistry and Environmental Quality 3
or BIOL 4303 Organismal Ecotoxicology

Additional Core Courses

Select one of the following: 3

ENVR 4363 Environmental Soil Science
ENVR 4913 Animal Waste Management
SOIL 4683 Soil, Water, and Weather
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>NREM 3613</td>
<td>Principles of Rangeland Management</td>
</tr>
<tr>
<td>NREM 4023</td>
<td>Restoration Ecology</td>
</tr>
<tr>
<td>NREM 4033</td>
<td>Ecology Of Invasive Species</td>
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**Related Courses**

Select 15 hours of the following: 15

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>AGEC 3713</td>
<td>Agricultural Law</td>
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<td>AGEC 4503</td>
<td>Environmental Economics and Resource Development</td>
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<td>ANTH 3353</td>
<td>Cultural Anthropology (IS)</td>
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<td>BCOM 3223</td>
<td>Oral Communication</td>
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<td>CIVE 3853</td>
<td>Environmental Engineering Laboratory</td>
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<td>ECON 2103</td>
<td>Introduction to Microeconomics (S)</td>
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<td>ECON 3903</td>
<td>Economics of the Environment</td>
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<td>ENTO 2003</td>
<td>Insects and Society (N)</td>
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<td>ENTO 2223</td>
<td>Insects in Global Public Health (N)</td>
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<tr>
<td>ENTO 2993</td>
<td>Introduction to Entomology (LN)</td>
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<td>ENTO 4223</td>
<td>Ecological Methodology</td>
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<td>ENTO 4484</td>
<td>Aquatic Entomology</td>
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<td>ENVR 4893</td>
<td>Soil Chemistry and Environmental Quality</td>
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<td>ENVR 4913</td>
<td>Animal Waste Management</td>
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<td>GEOG 2344</td>
<td>Digital Tools for Environmental Exploration (LN)</td>
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<td>GEOG 4203</td>
<td>Fundamentals of Geographic Information Systems</td>
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<td>GEOL 4453</td>
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<td>HORT 2123</td>
<td>Environmental Issues in Horticultural Science</td>
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<td>Land Use and City Planning</td>
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<td>MICR 2123</td>
<td>Introduction to Microbiology</td>
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<td>MICR 3103</td>
<td>Microbes: Friends or Foes (N)</td>
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<td>NREM 3083</td>
<td>Geospatial Technologies for Natural Resources</td>
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<td>NREM 4403</td>
<td>Wetland Ecology and Management</td>
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<td>PBIO 3253</td>
<td>Environment and Society (N)</td>
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<td>PBIO 3263</td>
<td>Plants and People (N)</td>
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<td>College Physics II (LN)</td>
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<td>or PHYS 2114</td>
<td>University Physics II (LN)</td>
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<td>POLS 3493</td>
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<td>Environmental Sociology (S)</td>
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<td>SOIL 3433</td>
<td>Soil Genesis, Morphology, and Classification</td>
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<td>SOIL 4234</td>
<td>Soil Nutrient Management</td>
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<td>SOIL 4463</td>
<td>Soil and Water Conservation</td>
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<td>SOIL 4483</td>
<td>Soil Microbiology</td>
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<td>SOIL 4683</td>
<td>Soil, Water, and Weather</td>
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<tr>
<td>BIOL 4434</td>
<td>Limnology</td>
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</table>

**Hours Subtotal**  44

**Electives**

Select 0 hours or hours to complete required total for degree  0

**Total Hours**  124

1 College & Departmental requirements that may be used to meet GE requirements.
2 If ENGL 3323 Technical Writing is used to satisfy ENGL 1213 Composition II above then hours in this block are 0.

**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 2024.