NATURAL RESOURCE ECOLOGY & MANAGEMENT: FOREST ECOLOGY & MANAGEMENT, BSAG

Requirements for Students Matriculating in or before Academic Year 2017-2018. 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: 130

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ENGL 1113</td>
<td>Composition I</td>
<td>3</td>
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<tr>
<td>or ENGL 1313</td>
<td>Critical Analysis and Writing I</td>
<td>3</td>
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<tr>
<td>ENGL 1213</td>
<td>Composition II</td>
<td>3</td>
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<tr>
<td>ENGL 1413</td>
<td>Critical Analysis and Writing II</td>
<td>3</td>
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<td>ENGL 3323</td>
<td>Technical Writing</td>
<td>3</td>
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American History & Government

Select one of the following:
- HIST 1103 Survey of American History
- HIST 1483 American History to 1865
- HIST 1493 American History Since 1865

POLS 1113 American Government

Analysis & Quantitative Thought (A)

MATH 1513 College Algebra (A) 1

STAT 2013 Elementary Statistics (A) 1

Humanities (H)

Courses designated (H)

Natural Sciences (N)

Must include one Laboratory Science (L) course

BIOL 1114 Introductory Biology (LN) 1

Course designated (N)

Social & Behavioral Sciences (S)

AGEC 1113 Introduction to Agricultural Economics (S) 1

Additional General Education

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

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

NREM 1012 Introduction to Natural Resource Ecology and Management

NREM 1113 Elements of Forestry

NREM 1213 Introduction to Wood Properties and Products

NREM 2103 Forest Measurements I

NREM 2112 Timber Harvesting

NREM 2134 Dendrology

SOIL 2124 Fundamentals of Soil Science (N)

Natural Sciences

BOT 1404 Plant Biology (LN) 2

CHEM 1215 General Chemistry (LN) 2

or CHEM 1314 General Chemistry (LN)

Written and Oral Communications

Select one of the following:

AGCM 3103 Written Communications in Agricultural Sciences and Natural Resources

BCOM 3113 Written Communication

ENGL 3323 Technical Writing 3

Select one of the following:

AGCM 3203 Oral Communications in Agricultural Sciences & Natural Resources (S) 4

SPCH 2713 Introduction to Speech Communication (S) 4

SPCH 3733 Elements of Persuasion (S) 4

Hours Subtotal 36

Major Requirements

Core Courses

Summer Camp Courses:

NREM 3101 Forest Resource Field Studies
NREM 3102 Forest Measurements II
NREM 3103 Natural Resource Field Studies

Fall and Spring Courses:

NREM 3012 Applied Ecology Laboratory
NREM 3013 Applied Ecology and Conservation
NREM 3063 Natural Resource Biometrics
NREM 3083 Geospatial Technologies for Natural Resources
NREM 3224 Silviculture
NREM 3713 Wildland Fire Ecology and Management
NREM 4001 Issues In Global Change
NREM 4043 Natural Resource Administration and Policy
NREM 4213 Forest Biology
NREM 4234 Forest Management and Economics
NREM 4443 Watershed Hydrology and Water Quality
NREM 3503 Principles of Wildlife Ecology and Management

Select one of the following:

NREM 3613 Principles of Rangeland Management
NREM 4053 Natural Resource Recreation
NREM 4063 Ecotourism and Wilderness Management
NREM 4414 Fisheries Management
Capstone Course
NREM 4333 Forest Resource Management: Planning and Decision-Making 3

Related Courses
Select 7 hours of the following or of other courses in consultation with a faculty advisor for additional breadth, or to create a specialty emphasis area: 5

ACCT 2103 Financial Accounting
ACCT 2203 Managerial Accounting
AGEC 3423 Farm and Agribusiness Management
Biol 3513 Principles of Conservation Biology
ENTO 2993 Introduction to Entomology (LN)
ENTO 3461 Insects in Forest Ecosystems
FIN 3113 Finance
GEOG 4343 Geographic Information Systems: Resource Management Applications
GEOL 1114 Physical Geology (LN)
HORT 2613 Woody Plant Materials
HORT 3013 Arboriculture
LSB 3213 Legal and Regulatory Environment of Business
MGMT 3013 Fundamentals of Management (S)
MKTG 3213 Marketing (S)
NREM 3502 Wildlife Law Enforcement
NREM 3613 Principles of Rangeland Management
NREM 4023 Restoration Ecology
NREM 4033 Ecology Of Invasive Species
NREM 4053 Natural Resource Recreation
NREM 4063 Ecotourism and Wilderness Management
NREM 4093 Natural Resources, People and Sustainable Development (I)
NREM 4403 Wetland Ecology and Management
NREM 4414 Fisheries Management
NREM 4452 Pond Management
NREM 4453 Aquaculture
NREM 4473 Global Issues of Water and Ecosystem Management
NREM 4533 Wildlife Management for Game Species
NREM 4543 Wildlife Management for Biodiversity
NREM 4783 Prescribed Fire
NREM 4793 Advanced Prescribed Fire
NREM 4960 Undergraduate Internship
NREM 4980 Undergraduate Research
NREM 4990 Special Topics in Natural Resource Ecology and Management
PHYS 1114 General Physics (LN)
PLP 3343 Principles of Plant Pathology

Other Requirements
- Students must earn minimum grades of “C” or “P” in each course listed in Major 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 2023.