Program in Forestry
School of the Environment

Degree Options
Bachelor of Science in Earth and Environmental Sciences

Major
Forestry

Minors
Forestry
Geospatial Analysis
Environmental Science
Natural Resources
Earth Sciences
Wildlife Ecology
Rangeland Ecology and Management

Program Strengths
• The Forestry major prepares you to work as a professional forester, performing tasks ranging from increasing timber production to restoring wildlife habitat.
• The major combines a strong background in the plant sciences with a strong emphasis on spatial analysis including landscape ecology and GIS
• Graduates are expected to be field ready with a strong background in plant identification, forest measurements, and forest stand management
• Students benefit from an integrated common core of course work rooted in the environment, taken in concert with students majoring in related disciplines.
• Hands on experience in on-campus and off-campus laboratory exercises and internship opportunities
• Students may elect to complete a minor in geospatial analysis along with a major in forestry

Certification Requirements
24 completed semester credits
2.0 minimum grade point average

Suggested Classes for Freshmen
BIOL 106: Introductory Biology: Organismal Biology
BIOL 107: Introductory Biology: Cellular Biology and Genetics
CHEM 101: Introduction to Chemistry
ECONS 101: Fundamentals of Microeconomics
MATH 106: College Algebra
MATH 108: Trigonometry

Suggested Classes for Transfer Students
NATRS 204: Natural Resource Measurements
NATRS 300: Natural Resources Ecology
NATRS 301: Forest Plants and Ecosystems
NATRS 302: Arid Land Plants and Ecosystems
NATRS 305: Silviculture
NATRS 312: Natural Resources, Society and the Environment

Math Requirement
MATH 106: College Algebra
MATH 108: Trigonometry
STAT 212: Introduction to Statistical Methods
Advanced sampling/statistics

School of the Environment Core Courses

Forestry Core Courses
ECON 330: Natural Resources Economics
NATRS 204: Natural Resource Measurements
NATRS 301: Forest Plants and Ecosystems
NATRS 302: Arid Land Plants and Ecosystems
NATRS 304: Forestry Measurements
NATRS 305: Silviculture
NATRS 404: Sampling Terrestrial Ecosystems
NATRS 430: Introduction to Wildland Fire
NATRS 438: Natural Resources Policy and Law
NATRS 455: Elements of Range Management
NATRS 464: Landscape Ecology
NATRS 485: Disturbance Ecology
SOIL SCI 368: Introduction to Geographic Information Systems
SOIL SCI 374: Remote Sensing and Airphoto Interpretation
SOIL SCI 468: GIS Spatial Analysis
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Student Clubs
Forestry Club
Environmental Science Club
Geology Club
The Wildlife Society

Career Options
Forester
Government Agency Forester
Environmental Consultant
Land, refuge, or wildlife habitat manager
Harvest Manager
Geographic Information Systems Specialist

The School of the Environment is affiliated with both the College of Arts and Sciences and the College of Agriculture, Human, and Natural Resource Sciences.

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