

FORESTRY MAJOR (B.S.F.)

<https://colsa.unh.edu/nren/forestry/forestry-bs>

Description

Forestry is an interdisciplinary profession, embracing the sustainable management of forest ecosystems for productivity, biodiversity, and health. The Forestry program's goals are to provide a solid professional preparation with a strong field component, founded in a broad general education, and with the flexibility to allow students to pursue special abilities and interests. The Bachelor of Science in Forestry (B.S.F.) degree is accredited by the **Society of American Foresters**.

Forestry graduates help manage and conserve public and private forests, addressing major environmental challenges including climate change, biodiversity protection, and sustainable resource management. They use science, planning, and geospatial technology to protect and restore forest ecosystems, ensure a sustainable forest product industry, provide wildlife habitat and recreational opportunities, and conserve soils and watersheds.

Requirements

Code	Title	Credits
Requirements		
BIOL 528	Applied Biostatistics I	4
Select one of the following: 4		
MATH 424B	Calculus for Life Sciences	
MATH 420	Finite Mathematics	
MATH 425	Calculus I	
NR 415	Natural Resources Field Methods	2
NR 425	Field Dendrology	4
NR 433	Wildlife Ecology	4
BIOL 409	Introductory Botany	4
CHEM 403	General Chemistry I	4
or CHEM 411	Introductory Chemistry for Life Sciences	
EREC 411	Environmental and Resource Economics Perspectives	4
or ECON 402	Principles of Economics (Micro)	
NR 501	Studio Soils	4
NR 504	Freshwater Resources	4
NR 506	Forest Entomology	4
NR 527	Forest Ecology	4
NR 600	Work Experience	0
CMN 500	Public Speaking	4
or THDA 522	Storytelling, Story Theatre, and Involvement Dramatics	
NR 602	Natural Resources and Environmental Policy	4
NR 643	Economics of Forestry	4
NR 658	Introduction to Geographic Information Systems	4
FORT 579	Forest Fire Control and Use	2
NR 502	Forest Ecosystems and Environmental Change	4
NR 729	Silviculture	4
NR 757	Remote Sensing of the Environment	4

NR 782	Forest Health in a Changing World	4
or SAFS 651	Plant Pathology	
NR 745	Forest Management ¹	4
NR 749	Forest Inventory and Modeling	4
RMP 711	Recreation Resource Management	4
Oral Communications Skills Course		4
Total Credits		96

¹ NR 745 Forest Management may be used to satisfy the University's Capstone requirement. The Capstone may also be satisfied through created work or product, or some form of experiential learning (e.g., honors thesis, mentored research project, and other special student activity). Departments are responsible for certifying that graduating seniors have met the capstone requirement for their majors.

Degree Plan

Code	Title	Credits
Freshman Year		
BIOL 528	Applied Biostatistics I	4
ENGL 401	First-Year Writing	4
Select one of the following:		
MATH 424B	Calculus for Life Sciences	
MATH 420	Finite Mathematics	
MATH 425	Calculus I	
NR 415	Natural Resources Field Methods	2
NR 425	Field Dendrology	4
NR 433	Wildlife Ecology	4
BIOL 409	Introductory Botany	4
Discovery elective (FPA, HP, HUM, or WC)		
Sophomore Year		
CHEM 403	General Chemistry I	4
EREC 411	Environmental and Resource Economics Perspectives (Micro)	4
or ECON 402	Principles of Economics (Micro)	
NR 501	Studio Soils	4
NR 504	Freshwater Resources	4
NR 506	Forest Entomology	4
NR 527	Forest Ecology	4
NR 600	Work Experience	0
Oral Communications Skills Course		
Discovery elective (FPA, HP, HUM, or WC)		
Junior Year		
NR 602	Natural Resources and Environmental Policy	4
NR 643	Economics of Forestry	4
NR 658	Introduction to Geographic Information Systems	4
FORT 579	Forest Fire Control and Use	2
NR 502	Forest Ecosystems and Environmental Change	4
NR 729	Silviculture	4
NR 757	Remote Sensing of the Environment	4
NR 782	Forest Health in a Changing World	4
or SAFS 651	Plant Pathology	
Discovery elective (FPA, HP, HUM, or WC)		

Senior Year

NR 745	Forest Management	4
NR 749	Forest Inventory and Modeling	4
RMP 711	Recreation Resource Management	4

Discovery elective (FPA, HP, HUM, or WC)

All forestry majors must satisfy the B.S.F. requirements and all Discovery Program requirements. Students must satisfy the Inquiry requirement of the Discovery Program by completing an Inquiry or Inquiry-attribute course. Seniors must also satisfy the capstone experience requirement of the Discovery Program. The capstone explores areas of interest based on the integration of prior learning. The capstone requirement may be satisfied through a course (NR 745 Forest Management), created work or product, or some form of experiential learning (e.g., honors thesis, mentored research project, and other special student activity). Departments are responsible for certifying that graduating seniors have met the capstone requirement for their majors.

Students interested in the forestry program may consult with the program coordinator, Mark Ducey, (603) 862-4429.