

FORESTRY B.S.

All students must meet the University Requirements .

All students must meet the College Requirements.

MAJOR REQUIREMENTS

The Forestry major provides students with an education in ecologically responsible forestry, emphasizing the complex landscapes of the northeastern United States. Students develop their abilities to coordinate and manage all aspects of sustainable forestry through an education that combines a strong foundation in natural and social sciences with hands-on field-based classes, internships, research experiences, and forest management projects. The curriculum is integrative, technologically current, and science-based.

Students supplement a core of required forestry and related courses with a student-proposed, faculty-approved area of concentration¹ such as forest ecosystem health, forest ecology, consulting forestry, public forest administration, or international development.

The concentration represents at least twelve credits and can be fulfilled by a self-designed sequence of course work², an appropriate university minor, or a natural resource oriented study abroad experience.

A total of 124 credits is required for the degree.

PBIO 004	Intro to Botany	4-8
or BIOL 001 & BIOL 002	Principles of Biology and Principles of Biology	
CHEM 023	Outline of General Chemistry	4
MATH 018	Basic Mathematics ³	3
NR 140	Applied Environ Statistics ³	4
FOR 195	Special Topics (Nat Res Ecol and Assessment 1)	4
FOR 195	Special Topics (Nat Res Ecol and Assessment 2)	4
PSS 161	SU:Fundmntls of Soil Science	4
A course in economics or ecological economics		
NR 143	Intro to Geog Info Systems	3
FOR 021	Dendrology	4
FOR 122	Forest Ecosystem Analysis ⁴	4
FOR 223	Multi-Resource Silviculture	4
FOR 235	Forest Ecosystem Health	4
FOR 182	Advanced Forestry Seminar	1
FOR 272	SU:Sustain Mgmt Forest Ecosys	4

FOR 295	Advanced Special Topics (Management of Forest Woodlots)	3
Twelve additional credits in the area of concentration		12

- ¹ The student-proposed concentration must be endorsed by the student’s advisor and approved by the Forestry faculty prior to the last three semesters of study.
- ² The self-designed sequence of course work for the student's concentration should be at least nine credits at the 100-level or higher.
- ³ MATH 018 and NR 140 also fulfill the RSENr general education requirements.
- ⁴ The field intensive course, FOR 122, is offered only during the summer session.