

FORESTRY B.S.

All students must meet the University Requirements (<http://catalogue.uvm.edu/undergraduate/academicinfo/degreerequirements/>).

All students must meet the College Requirements. (<http://catalogue.uvm.edu/undergraduate/rubensteinschool/#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. This Society of American Foresters accredited 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 nine 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 123 credits is required for the degree.

PBIO 004	SU: 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	QR: Basic Mathematics ³	3
NR 140	Applied Environ Statistics ³	4
FOR 111	Nat Res Ecol and Assessment 1	4
FOR 112	Nat Res Ecol and Assessment 2	4
PSS 161	SU: Fundmntls of Soil Science	4
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 233	Management of Forest Woodlots1	3
FOR 272	Sustain Mgmt Forest Ecosys	4

A course in economics or ecological economics ⁵		3
EC 012	Principles of Microeconomics	3
or NR/ENVS 141	Intro to Ecological Economics	
At least 9 additional credits in the area of concentration ^{1,2}		9-12
FOR 190	Internship	3
FOR 095	Special Topics (Intro to Forestry and Wildlife Biology)	1

- 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 six 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.
- ⁵ Or an advisor approved economics course.