

FOREST TECHNOLOGY (A.A.S.)

<https://colsa.unh.edu/thompson-school-applied-science/program/aas/forest-technology>

Description

Forest technicians help plan, direct, and operate forestry enterprises. Students in the forest technician concentration experience a breadth and depth of instruction. They are exposed to the theory and practice of planting, thinning, and other silvicultural operations, including harvesting supervision. They learn how to design, lay out, and construct roads and trails; how to map and survey property; how to manage woodlands to improve timber quality and wildlife habitat; how to inventory natural resources and develop a plan for their future management; how to identify and deal with forest health issues; and how to conserve soil, water, and other natural resources. Graduates work in wood products-related industries, in public forestland management agencies, with forestry consulting firms, urban tree care companies, and with a range of conservation organizations. Graduates can become licensed in New Hampshire to practice forestry on private lands.

Career Opportunities

Forestry consultant, forest fire control and use technician, mapping technician, geographic information systems/global positioning systems (GIS/GPS) technician, timber and log buyer, log scaler, lumber grader, sawmill technician, arborist, urban tree care specialist, timber cruiser/forest inventory technician, or forestry equipment/products sales representative.

Requirements

Candidates for a degree must satisfy all of the Thompson School of Applied Science General Education requirements in addition to satisfying the requirements of the Forest Technology program. Forest Technology students are required to take:

Code	Title	Credits
NR 425	Field Dendrology	4
FORT 463	Forest Ecology	3
FORT 465	Forest Orientation Seminar	1
FORT 466	Forest Surveying and Mapping	4
FORT 470	Applied Silviculture	4
FORT 475	Forestry Field Practice	1
FORT 567	Leadership, Supervision & Safety	2
FORT 569	Wildlife Ecology & Conservation	3
FORT 572	Mensuration	4
FORT 573	Management Operation & Analysis	3
FORT 574	Industrial Forest Management Tour	1
FORT 576	Forest Products	4
FORT 577	Forest Harvesting Systems	4
FORT 578	Forest Insects & Diseases	2
FORT 579	Forest Fire Control and Use	2

FORT 581	Applied Geographic Information Systems (GIS) Techniques	4
FORT 597	Work Experience	0
ABM 404A	Introduction to Business I	2
ABM 404B	Introduction to Business II	2
TSAS 405A	Computers in the Workplace/Focus on Software Applications	2
Total Credits		52

Degree Plan

Forest Technician Program of Study

Course	Title	Credits
First Year		
Fall		
COM 209	Expository Writing and Reading	4
NR 425	Field Dendrology	4
FORT 463	Forest Ecology	3
FORT 465	Forest Orientation Seminar	1
MTH 203	Algebra and Trigonometry	3
TSAS 405A	Computers in the Workplace/Focus on Software Applications	2
Credits		17
Spring		
COM 210	Public Speaking	3
FORT 466	Forest Surveying and Mapping	4
FORT 470	Applied Silviculture	4
FORT 475	Forestry Field Practice	1
SSCI 202	Social Issues	4
Credits		16
Second Year		
Fall		
FORT 569	Wildlife Ecology & Conservation	3
FORT 572	Mensuration	4
FORT 577	Forest Harvesting Systems	4
FORT 581	Applied Geographic Information Systems (GIS) Techniques	4
FORT 597	Work Experience	0
Optional Coursework		
FORT 564	Arboriculture	
OR Optional Elective		
Credits		15
Spring		
ABM 404A & ABM 404B	Introduction to Business I and Introduction to Business II	4
FORT 567	Leadership, Supervision & Safety	2
FORT 573	Management Operation & Analysis	3
FORT 574	Industrial Forest Management Tour	1
FORT 576	Forest Products	4
FORT 578	Forest Insects & Diseases	2

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FORT 579	Forest Fire Control and Use	2
	Credits	18
	Total Credits	66