

FOREST ECOLOGY AND MANAGEMENT
ANR 443-Forest Management Track
Four Year Road Map

1. Should complete at least 31 credits each year.
2. Should complete FOREST 655 (summer camp) by Junior year.

<u>Freshman Year</u>			
Course	Credits	Course	Credits
BOTANY 130 General Botany	5	ZOOLOGY 101&102 Intro. Zoology	5
CHEM 108 <u>or</u> 109 General Chemistry	5	ECON 101 Microeconomics <u>or</u>	
MATH 112 (3cr) &/or 113 (2cr) or 114(5cr)		AAE 215 Intro. Agricultural Economics	3-4
Algebra & Trigonometry	2-5	International Elective	3-4
FOREST 100 Introduction to Forestry	<u>2</u>	Communication Elective	<u>3</u>
	14-17		14-16
<u>Intersession</u>			
	^a FOREST 655 Forestry Field Camp	3 cr.	
<u>Sophomore Year</u>			
FOREST 205 Intro. Computers in Nat. Res.	2	FOREST 314 Wood Science	3
FOREST 402 Tree Identification	2	FOREST 300 Forest Measurements	4
FOREST 415 Tree Physiology	3	SOIL SCI 301 General Soil Science	4
MATH 210 (3cr) Finite Math <u>or</u> 211		RURAL SOC 248 Env. Nat. Res. & Soc.	3
<u>or</u> 221 Calculus	3-5	STATIS 371	<u>3</u>
Communication Elective	2-3		17
Social Science Elective	<u>3</u>		
	17-18		
<u>Intersession</u>			
	^a FOREST 655 Forestry Field Camp	3 cr.	
<u>Junior Year</u>			
FOREST 330 Forest Recreation	3	FOREST 410 Silviculture	4
FOREST 550 Forest Ecology	4	FOREST 301/403/304 -- Air Photo	
Wildlife Ecology Elective	4	Interpretation/Remote Sensing/GIS	3
Human-Resource Elective	3	^b FOREST 501 Forest Fire Management <u>or</u>	
Ethnic Studies	<u>3</u>	^b FOREST 657 Spring Trip	1
	17	Humanities/Social Science Electives	6-9
		Free Elective	<u>3</u>
			17
<u>Senior Year</u>			
^b FOREST 500 Insects & Diseases	4	FOREST 652 Decision Methods	4
FOREST 590 Integrated Resource Mgm't	3	FOREST 515 Renewable Resources Policy	3
^c FOREST 699 Profess. Work Experience	1-2	^b FOREST 501 Forest Fire Management <u>or</u>	
Free Electives	<u>9</u>	^b FOREST 657 Management Practicum	1
	17-18	^b FOREST 305 Forest Operations	2
		Free Electives	<u>6</u>
			16

^a Alternate-year course offering that may be taken at the end of the freshman or sophomore year.

^b Alternate-year course offerings that may be taken either junior or senior year.

^c All students must complete a departmentally approved professional work experience, which is usually done during the summer between the junior and senior years.

NOTE: Students wishing to work towards an IES Certificate may wish to select their electives to match IES requirements.

Electives and Requirements for the Forest Management Track

Forty credits are required, including

FOREST 300 (Forest Measurements)
FOREST 301/403/304 -- Air Photo Interpretation/Remote Sensing/GIS
FOREST 305 (Forest Operations)
FOREST 312 (Wood Identification)
FOREST 314 (Wood, Industrial Use and Society)
FOREST 330 (Recreation Resources Management)
FOREST 402 (Tree Identification)
FOREST 410 (Silviculture)
FOREST 415 (Tree Physiology)
FOREST 500 (Insects and Diseases)
FOREST 501 (Fire Behavior and Management)
FOREST 652 (Decision Methods for Natural Resources Managers)
FOREST 655 (Practicum in Forestry – summer camp)
FOREST 657 (Spring Trip)

Plus three credits of Wildlife Ecology electives