

**Iowa State University  
College of Agriculture  
Forestry Eight Semester Plan  
Forest Ecosystem Management Option\*  
2003-2005 Catalog**

**Semester 1**

BIOL 201	Principles of Biology I	3
BIOL 201L	Principles of Biology Laboratory	1
ENGL 104	Freshman Composition I	3
NREM 110	Orientation in Forestry	R
NREM120	Introduction to Renewable Res.	3
MATH 140 <sup>a</sup>	Fundamentals of Algebra	3
ECON 101	Principles of Microeconomics	<u>3</u>
		16

**Semester 3**

FOR 201	Forestry Biology	2
FOR 202	Wood Utilization	2
FOR 203	Resource Measurements/Eval.	2
FOR 204	Forest Ecosystem Decision Making	2
FOR 205	Integrated Forestry Laboratory	3
FOR 206	Fall Forestry Camp	<u>4</u>
		15

**Semester 5**

Elective	General Elective	3
MATH 151 <sup>a</sup>	Calculus for Busines and Soc. Sciences	3
NREM 345	Photogrammetry	3
BOT 356	Dendrology	4
NREM 301	Forest Ecol. & soils	<u>4</u>
		17

**Semester 7**

ENGL 314	Technical Communication	3
FOR 342	Stand Dynamics	3
FOR 452	Forestry Ecosystem Mgmt.	3
Electives <sup>h</sup>	General Electives	5
Multiple Use <sup>e</sup>	Elective	<u>3</u>
		17

**Semester 2**

ENGL 105	First-Year Composition II	3
LIB 160	Library Instruction	0.5
AGRON 154	Foundation of Soil Science	3
CHEM 163 <sup>b</sup>	General Chemistry	4
CHEM 163L	Laboratory in General Chemistry	1
FOR 280	Wood Anatomy & Properties	<u>4</u>
		15.5

**Semester 4**

MATH 150	Math for Social Sciences	3
Elective	General Elective	2
STAT 101	Introduction to Statistics	4
SP CM 212	Public Speaking	3
International Perspective	International Perspective Elective	<u>3</u>
		15

**Semester 6**

US Diversity <sup>e</sup>	US Diversity Elective	3
FOR 302	Silviculture	3
FOR 451	Forestry Econ./Quant. Methods	4
PIP 416	Forestry Pest Management	3
Ethics	Ethics Elective	<u>3</u>
		16

**Semester 8**

FOR 453	Forestry Policy & Admin	3
FOR 454	Principles of Physiology	3
Multiple Use <sup>e</sup>	Biological Evolution	3
Electives <sup>h</sup>	General Electives	4.5
Humanities <sup>g</sup>	Humanities Elective	<u>3</u>
		16.5

<sup>a</sup> Initial math course is determined on the basis of high school math and placement test scores. A non-credit math course may be required at additional cost. Math 160 can be taken for Math 151

<sup>b</sup> Students who have not had chemistry in high school should take Chem.105 first.

<sup>e</sup> For listings of acceptable courses to meet requirements in Humanities, Ethics, U.S. diversity & International Perspectives, and Multiple Use, see advisor.

<sup>g</sup> Humanities include courses selected from art, history, literature, music, philosophy, or religion.

<sup>h</sup> Students are urged to consult their advisor on the use of some electives to develop a minor or area of concentration. Fewer elective credits are taken if you take

Bot 356 (4 credits) rather than Hort 241 and Hort 243.