

**Iowa State University
College of Agriculture
Forestry Eight Semester Plan
Natural Resource Conservation Option*
2001 - 2003 Catalog**

Semester 1

BIOL 201	Principles of Biology I	3
BIOL 201L	Principles of Biology Laboratory	1
ENGL 104	Freshman Composition I	3
FOR 110	Orientation in Forestry	R
FOR 120	Introduction to Renewable Res.	3
MATH 140 ^a	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	Multiple Use Decision-Making	2
FOR 205	Integrated Forestry Laboratory	3
FOR 206	Fall Forestry Camp	<u>4</u>
		15

Semester 5

BIOL 202	Principles of Biology	3
BIOL 202L	Principles of Biology Laboratory	1
MATH 151 ^a	Calculus for Bus. and Social Sciences	3
BOT 356	Dendrology	4
FOR 301	Forest Ecol. & Soils	4
Elective	General Elective	<u>2</u>
		17

Semester 7

ENGL 314	Technical Communication	3
Ethics ^e	Ethics Elective	3
BIOL 312	Ecology	3
Electives ^h	General Electives	4
Directed Electives ⁱ	Directed Electives	<u>3</u>
		16

Semester 2

ENGL 105	First-Year Composition II	3
LIB 160	Library Instruction	0.5
AGRON 154	Foundation of Soil Science	3
CHEM 163 ^b	General Chemistry	4
CHEM 163L	Laboratory in General Chemistry	1
International Perspective	International Perspective Elective	3
Elective	General Elective	<u>2</u>
		16.5

Semester 4

MATH 150	Math for Social Sciences	3
AEcl 330	Interpr. Nat. Resources	3
STAT 101	Introduction to Statistics	4
SP CM 212	Public Speaking	3
SOC 130/134	Sociology	<u>3</u>
		16

Semester 6

International Perspective ^e	International Perspective Elective	3
FOR 302	Silviculture	3
FOR 451	Forestry Econ./Quant. Methods	4
BOT 340	Biodiversity	2
Humanities	Humanities Elective	<u>3</u>
		15

Semester 8

FOR 453/476	For. Policy & Admin/Urban Plan. & Policy	3/2
FOR 454	Forestry Practicum	3
FOR 407	Forest Hydrology	3
Electives ^h	General Electives	3.5-4.5
Directed Electives	Directed Electives	<u>3</u>
		15.5-16.5

^a 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. ^b Students who have not had chemistry in high school should take Chem. 50 first.

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

^g Humanities include courses selected from art, history, literature, music, philosophy, or religion.

^h 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.

ⁱ 6 credits of Directed Electives are required - Choice from these courses: Ent 370(3) CRP 491(3) Soc 382(3), Econ 380(3), Plp 416(4), For 345(3), For 446X(3), For 475(3)