

**Urban and Community Forestry Option  
Coursework Requirements - 2016-2017 Catalog  
37 Total Credits**

**Required Courses**

BIOL 212, 212L  
C R P 201 (or C R P 301)  
FOR 280  
FOR 356  
FOR 416 and 416L  
FOR 452  
FOR 475  
HORT 342  
MATH 151 or 181  
SOC 310 or SOC 382  
NREM 104

**34 credits**

Principles of Biology II and Lab	4 cr
Community and Regional Planning elective	3-4 cr
Wood Properties and Identification	4 cr
Dendrology	4 cr
Forest Insect and Disease Ecology, and lab	4 cr
Ecosystem Management	3 cr
Urban Forestry	3 cr
Landscape Plant Installation, Estab. & Maint.	3 cr
Calculus Elective	3-4 cr
Community Sociology	3 cr
Practical experience requirement	R

**Policy Elective**

NREM 385  
NREM 460

**Select three credits from the following list:**

Natural Resource Policy	3 cr
Controversies in Natural Resource Mgmt.	3 cr

## Suggested Sequence of Courses

### Urban and Community Forestry Option\*

#### Freshman Year

Biol 211	Principles of Biology	3	Math 150	Math for Social Science	3
Biol 211L	Prin. of Biology Lab.	1	Chem 163	General Chemistry	4
NREM 110	Orientation in NREM	1	Chem 163L	General Chemistry Lab	1
Engl 150	Critical Thinking & Comm	3	Stat 101	Intro to Statistics	4
Math 140	College Algebra**	3	Lib 160	Library Instruction	1
NREM 120	Intro. Renew Resources	3	NREM 211	Careers in NREM	1
Soc	Sociology Elective	<u>3</u>	Free Elective		<u>3</u>
		<u>17</u>			<u>17</u>

#### Sophomore Year

For 201	Forest Biology	2	Sp Cm 212	Fund. of Public Speaking	3
For 202	Wood Utilization	2	Engl 250	W/O/V/E Communications	3
For 203	Resource Meas./Eval.	2	Biol 212	Prin. of Biology II	3
For 204	Ecosys. Decision-Making	2	Biol 212L	Prin. of Biology II Lab	1
For 205	Integrated Forestry Lab	3	For 280	Wood Prop. & ID	4
For 206	Fall Forestry Camp	<u>4</u>	Agron 154	Fund. of Soil Science	<u>3</u>
		<u>15</u>			<u>17</u>

#### Junior Year\*\*\*

Math 151/181	Calculus Elective	3 or 4	For 302	Silviculture	3
For 356	Dendrology	4	For 451	For. Econ./Quant. Methods	4
For 475	Urban Forestry	3	Required Electives		6
Soc 310	Community Sociology	3	Free Elective		<u>3</u>
Hort 342	Landscape Plant Install.	<u>3</u>			<u>16</u>
		<u>16-17</u>			

#### Senior Year\*\*\*

Comm.	Elective	3	C R P Elective		3-4
For 452	Ecosystem Mgmt.	3	For 454	Forestry Practicum	3
For 416	For. Insect Disease & Ecol	3	Policy Elective		3
For 416L	Lab	1	Required Electives		<u>6</u>
Free electives		<u>5</u>			<u>15-16</u>
		<u>15</u>			

\* To complete degree program in 4 years students must maintain an average of 16 credits per semester.

\*\* Initial math course is determined on the basis of high school math and placement test scores. A non-credit math course (Math 10) may be required at additional cost.

\*\*\* In scheduling coursework, students should pay particular attention to courses with limited offerings (e.g., offered only on alternate years) and to course sequences (i.e., where a course serves as a prerequisite for another course).

Note: In addition to coursework listed above, students must complete departmental requirements for Practical Work Experience requirement (NREM 104). See <http://www.nrem.iastate.edu/workexperience> for details.