

**Eastern Iowa Community College District / Iowa State University  
Department of Natural Resource Ecology and Management**

**Forestry major**

EICC 2015-2016 Catalog; ISU 2015-2016 Catalog

---

**Recommended Core Courses for all Forestry options:**

<u>EICC Course</u>	<u>Title</u>	<u>Cr</u>	<u>ISU Course</u>
<b>Communications</b>			
ENG 105	Composition I	3	Engl 150
ENG 106	Composition II	3	Engl 250
<b>OR</b>			
ENG 107	Composition I: Technical Writing	3	Engl 150
ENG 108	Composition II: Technical Writing	3	Engl 250
-----			
SPC 112	Public Speaking	3	Sp Cm 212
<b>Science/Math</b>			
AGA 154	Fundamentals of Soil Science	3	Agron 154
BIO 114*	General Biology I & Lab	4	Biol 211/211L
	<i>*When BIO 114 and BIO 115 are both taken, the courses will transfer as BIOL 211, BIOL 211L, BIOL 212, and BIOL 212L.</i>		
-----			
CHM 122	Intro to General Chemistry and Lab	4	Chem 163/163L
<b>OR</b>			
CHM 165	General Chemistry I and Lab	4	Chem 177/177L
CHM 166		5	
CHM 179		6	
-----			
MAT 121	College Algebra	4	Math 140
MAT 156	Statistics	3	Stat 104
<b>Ethics</b>			
PHI 105	Introduction to Ethics	3	Phil 230
<b>U.S. Diversity</b>			
	<i>(choose one course)</i>		
ART 203	Art History I	3	Art H 280
ART 204	Art History II	3	Art H 281
EDU 245	Exceptional Learner	3	Sp Ed 250
LIT 105	Children's Literature	3	HD FS 240

PSY 261	Human Sexuality	3	HD FS 276
SOC 115	Social Problems	3	Soc 235

**International Perspective**

*(choose one course)*

ANT 105	Anthropology – Cultural	3	Anthr 201
FLF 142*	Elementary French II	4	Frnch 102
FLG 142*	Elementary German II	4	Ger 102
FLS 142*	Elementary Spanish II	4	Span 102
	<i>*or higher level foreign language course</i>		
HIS 117	Western Civilization I	3	Hist 201
HIS 118	Western Civilization II	3	Hist 202
MUS 100	Music Appreciation	3	Music 102
POL 121	International Relations	3	Pol S 251
POL 125	Comparative Government & Politics	3	Pol S 241
REL 101	Survey of World Religions	3	Relig 205

**Social Science**

SOC 110	Introduction to Sociology	3	Soc 134
---------	---------------------------	---	---------

**Humanities**

*(choose one course)*

ART 203	Art History I	3	Art H 280
ART 204	Art History II	3	Art H 281
DRA 101	Introduction to Theatre	3	Thtre 106
HIS 117	Western Civilization: Ancient to Early Modern	3	Hist 201
HIS 118	Western Civilization: Early Modern to Present	3	Hist 202
HIS 151	U.S. History to 1877	3	Hist 221
HIS 152	U.S. History after 1877	3	Hist 222
LIT 101	Introduction to Literature	3	Engl 201
LIT 110	American Literature to Mid-1800's	3	Engl 227
LIT 111	Modern American Literature Since Mid-1800's	3	Engl 228
LIT 200	Studies in Literary Form	3	Engl 201
MUS 100	Music Appreciation	3	Music 102
PHI 101	Introduction to Philosophy	3	Phil 201
PHI 105	Introduction to Ethics	3	Phil 230
REL 101	Survey of World Religions	3	Relig 205

**Practical Work Experience**

The NREM program also requires all undergraduates to complete a practical work experience – NREM 104. This is a non-credit requirement which may be completed prior to attending ISU (but, after graduation from high school). Typically, this involves 400 hours of work in a career-related position. The intent is to give the student a better idea of the employment opportunities and conditions in the field of natural resources. We offer placement assistance for students

looking to complete this requirement. If you are planning to transfer to ISU, feel free to contact us for additional information and assistance in this area.

**Additional Courses by Forestry option:**

**Forest Ecosystem Management Option**

**Required:**

BIO 115*	General Biology IIA & Lab	4	Biol 212/212L
	<i>*When BIO 114 and BIO 115 are both taken, the courses will transfer as BIOL 211, BIOL 211L, BIOL 212, and BIOL 212L.</i>		

-----

MAT 210	Calculus	4	Math 165
	<b>OR</b>		
MAT 165	Business Calculus	3	Math 160

**Interpretation of Natural Resources Option**

**Required:**

BIO 115*	General Biology IIA & Lab	4	Biol 212/212L
	<i>*When BIO 114 and BIO 115 are both taken, the courses will transfer as BIOL 211, BIOL 211L, BIOL 212, and BIOL 212L.</i>		

**Restricted Electives:** *(choose one course)*

PHS 152	Astronomy & Lab	4	Astro 120/125
PHS 166	Meteorology: Weather and Climate	3	Agron 206
PHS 172	Physical Geology & Lab	4	Geol 100/100L

**Natural Resource Conservation and Restoration Option**

**Required:**

BIO 115*	General Biology IIA & Lab	4	Biol 212/212L
	<i>*When BIO 114 and BIO 115 are both taken, the courses will transfer as BIOL 211, BIOL 211L, BIOL 212, and BIOL 212L.</i>		

-----

MAT 210	Calculus	4	Math 165
	<b>OR</b>		
MAT 165	Business Calculus	3	Math 160

**Sustainable Materials Science and Technology Option**

**Required:**

MAT 210	Calculus	4	Math 165
	<b>OR</b>		
MAT 165	Business Calculus	3	Math 160

### Urban and Community Forestry Option

**Required:**

BIO 115\*                      General Biology IIA & Lab                      4    Biol 212/212L

*\*When BIO 114 and BIO 115 are both taken, the courses will transfer as BIOL 211, BIOL 211L, BIOL 212, and BIOL 212L.*

-----  
MAT 210                      Calculus                      4    Math 165

**OR**

MAT 165                      Business Calculus                      3    Math 160

*A total of 65 community college credits can be transferred to Iowa State University*

---

**More information:**

[NREM Student Information](#)

[College of Agriculture and Life Sciences Student Information](#)

[ISU Transfer Course Equivalency Guides](#)

[ISU Transfer Student Admissions](#)