

# Animal Ecology

## Iowa Central Community College ISU Transfer Plan

COURSE	ICCC #	ISU #	CR
<i>COMMUNICATIONS</i>			
Composition I/Library	ENG 105	ENGL 150 <b>AND</b> LIB 160	3
Composition II	ENG 106	ENGL 250	3
Fundamentals of Oral Communication	SPC 101 <b>OR</b> SPC 112	SP CM 212	3
<i>PHYSICAL AND LIFE SCIENCES</i>			
Introduction to Renewable Resources	AGA 390 <b>OR</b> ENV 111	NREM 120	3-4
General Biology I and Laboratory *	BIO 112	BIOL 211+L	4
General Biology II and Laboratory *	BIO 113	BIOL 212+L	4
<i>*Both BIO 112 &amp; 113 must be taken in order to transfer to ISU as BIOL 211+L and BIOL 212+L</i>			
General Chemistry I and Laboratory *	CHM 110 <b>AND</b> CHM 111	CHEM 163+L	4
General Chemistry I and Laboratory **	CHM 165	CHEM 177+L	4
General Chemistry II and Laboratory **	CHM 175	CHEM 178+L	4
Organic Chemistry I and Laboratory *	CHM 130 <b>OR</b> CHM 132	CHEM 231+L	4-5
Organic Chemistry I and Laboratory **	CHM 261	CHEM 331+L	4
Organic Chemistry II and Laboratory **	CHM 271	CHEM 332+L	4
<i>*Chemistry needed for NON Pre-Vet students only</i>			
<i>**Chemistry needed for Pre-Vet students only</i>			
College Physics I	PHY 162	PHY 131+L	5
<i>MATHEMATICAL SCIENCES</i>			
College Algebra	MAT 120	MATH 140	3
<b>OR</b> College Algebra and Trigonometry	MAT 127	MATH 143	5
Statistics	MAT 156 <b>OR</b> 157	STAT 104/101	3-4
Business Calculus *	MAT 165	MATH 151	3
<b>OR</b> Calculus I *	MAT 210	MATH 165	4
<i>*Calculus is needed for Wildlife and Fisheries &amp; Aquatic Sciences options only</i>			

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### ETHICS

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Introduction to Ethical Conflicts	PHI 145	PHIL 230	3
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### U.S. DIVERSITY (Choose One)

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American Sign Language I	ASL 131	ASL 101	3
American Sign Language II	ASL 161	ASL 102	3
Children's Literature	EDU 235	HD FS 240	3
Exceptional Learner	EDU 245	SP ED 250	3
African American Literature	LIT 130	AF AM 201	3
Social Problems	SOC 115	SOC 235	3
Human Sexuality	PSY 261	HD FS 276	3

### INTERNATIONAL PERSPECTIVE (Choose One)

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Cultural Anthropology	ANT 105	ANTHR 201	3
Art History I	ART 203	ART H 280	3
Art History II	ART 204	ART H 281	3
Elementary Spanish II *	FLS 142	SPAN 102	4

*\*Or higher level of foreign language course*

Western Civ: Ancient to Early Modern	HIS 110	HIST 201	3
Western Civ: Early Modern to Present	HIS 111	HIST 202	3
Music Appreciation	MUS 100	MUSIC 102	3
International Relations	POL 121	POL S 251	3
Introduction to Religion	REL 105	RELIG 205	3

### SOCIAL SCIENCE (Choose One)

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Introduction to Agriculture Markets	AGB 235	ECON 235	3
Cultural Anthropology	ANT 105	ANTHR 201	3

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Introduction to Criminal Justice	CRJ 100	CJ 240	3
Juvenile Delinquency	CRJ 201	SOC 241	3
Criminology	CRJ 200	CJ 242	3
Principles of Macroeconomics	ECN 120	ECON 102	3
Principles of Microeconomics	ECN 130	ECON 101	3
American National Government	POL 111	POL S 215	3
Comparative Government and Politics	POL 125	POL S 241	3
International Relations	POL 121	POL S 251	3
Introduction to Psychology	PSY 111	PSYCH 101	3
Developmental Psychology	PSY 121	PSYCH 230	3
Educational Psychology	PSY 281	PSYCH 333	3
Social Psychology	PSY 251	PSYCH 280	3
Introduction to Sociology	SOC 110	SOC 134	3
Social Problems	SOC 115	SOC 235	3
Marriage and Family Relations	SOC 120	SOC 219	3
Mass Communications and Society	COM 150	JL MC 101	3

### *HUMANITIES (Choose One)*

Art History I	ART 203	ART H 280	3
Art History II	ART 204	ART H 281	3
Introduction to Theatre	DRA 101	THTRE 106	3
Children's Literature	EDU 235	HD FS 240	3
Western Civ: Ancient & Early Modern	HIS 110	HIST 201	3
Western Civ: Early Modern to Present	HIS 111	HIST 202	3
U.S. History to 1877	HIS 151	HIST 221	3
U.S. History since 1877	HIS 152	HIST 222	3
Introduction to Literature	LIT 101	ENGL 201	3
African American Literature	LIT 130	AF AM 201	3
Music Appreciation	MUS 100	MUSIC 102	3

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Introduction to Philosophy	PHI 101	PHIL 201	3
Introduction to Ethical Conflicts	PHI 145	PHIL 230	3
Introduction to Religion	REL 105	RELIG 205	3

### ADDITIONAL COURSES BY OPTION (Restricted Electives)

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#### *Interpretation of Natural Resources Option (Choose one)*

Fundamentals of Soil Science	AGA 154	AGRON 182	3
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#### *Wildlife Option*

Fundamentals of Soil Science	AGA 154	AGRON 182	3
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#### *Pre-Vet and Wildlife Care Option*

Microbiology	BIO 186	MICRO 201	4
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### PRACTICAL WORK EXPERIENCE

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The NREM program requires all undergraduate students 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 students 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.

*A total of 65 community college credits can be applied towards a bachelor's degree at Iowa State University.*

### Helpful Links

[NREM Student Services](#)

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

[ISU Transfer Course Equivalency Guides](#)

[ISU Transfer Student Admissions](#)