

# Animal Ecology

## Iowa Western Community College ISU Transfer Plan

COURSE	IWCC #	ISU #	CR
<b>COMMUNICATIONS</b>			
Composition I	ENG 105	ENGL 1500	3
Composition II	ENG 106	ENGL 2500	3
Public Speaking	SPC 112	SP CM 212	3
<b>PHYSICAL AND LIFE SCIENCES</b>			
General Biology I and Laboratory *	BIO 112	BIOL 2110+L	4
General Biology II and Laboratory *	BIO 113	BIOL 2120+L	4
<i>*Both BIO 112 &amp; 113 must be taken in order to transfer to ISU as BIOL 2110+L and BIOL 2120+L</i>			
General Chemistry and Laboratory *	CHM 122	CHEM 1630+L	4
General Chemistry I and Laboratory **	CHM 166	CHEM 1770+L	5
General Chemistry II and Laboratory **	CHM 176	CHEM 1780+L	5
Organic Chemistry I and Laboratory **	CHM 263	CHEM 3310+L	5
Organic Chemistry II and Laboratory **	CHM 273	CHEM 332+L	5
<i>*Chemistry needed for NON Pre-Vet students only</i>			
<i>**Chemistry needed for Pre-Vet students only</i>			
Environmental Science	ENV 111	BIOL 1730	4
General Physics I and Laboratory	PHY 156 <u>AND</u> PHY 157	PHYS 1310+L	5
<b>MATHEMATICAL SCIENCES</b>			
College Algebra	MAT 121	MATH 1400	4
<b>OR</b> Pre-Calculus	MAT 129	MATH 1430	5
Statistics	MAT 157	STAT 1010	4
Calculus I *	MAT 211	MATH 1650	5
<i>*Calculus is needed for Wildlife and Fisheries &amp; Aquatic Sciences options only</i>			

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### ETHICS

Introduction to Ethics	PHI 105	PHIL 2300	3
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### U.S. CULTURES AND COMMUNITIES (Choose One)

Children's Literature	EDU 235	HD FS 2400	3
Human Sexuality	PSY 261	HD FS 2760	3
Social Problems	SOC 115	SOC 2350	3
Personal Finance	FIN 121	HD FS 2830	3

### INTERNATIONAL PERSPECTIVE (Choose One)

Cultural Anthropology	ANT 105	ANTHR 2010	3
Art History I	ART 203	ART H 2800	3
Art History II	ART 204	ART H 2810	3
Elementary Spanish II *	FLS 142	SPAN 1020	4

*\*Or higher level of foreign language course*

Western Civ: Ancient to Early Modern	HIS 110	HIST 2010	3
Western Civ: Early Modern to Present	HIS 111	HIST 2020	3
Music Appreciation	MUS 100	MUSIC 1020	3
International Relations	POL 121	POL S 1210	3
Survey of World Religions	REL 101	RELIG 2050	3

### SOCIAL SCIENCE (Choose One)

Intro to Agricultural Markets	AGB 235	ECON 2350	3
Cultural Anthropology	ANT 105	ANTHR 2010	3
Introduction to Criminal Justice	CRJ 100	C J 2400	3

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Criminology	CRJ 200	C J 2420	
Principles of Macroeconomics	ECN 120	ECON 1020	3
Principles of Microeconomics	ECN 130	ECON 1010	3
American National Government	POL 111	POL S 1110	3
International Relations	POL 121	POL S 1210	3
Introduction to Psychology	PSY 111	PSYCH 1010	3
Developmental Psychology	PSY 121	PSYCH 2300	3
Educational Psychology	EDU 240	PSYCH 3330	3
Social Psychology	PSY 251	PSYCH 2800	3
Human Sexuality	PSY 261	HD FS 2760	3
Introduction to Sociology	SOC 110	SOC 1340	3
Social Problems	SOC 115	SOC 2350	3
Marriage and Family	SOC 120	SOC 2190	3
Juvenile Delinquency	SOC 230	SOC 2410	3

### *HUMANITIES (Choose One)*

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Art History I	ART 203	ART H 2800	3
Art History II	ART 204	ART H 2810	3
Introduction to Theatre	DRA 101	THTRE 1060	3
Children's Literature	EDU 235	HD FS 2400	3
Western Civ: Ancient to Early Modern	HIS 110	HIST 2010	3
Western Civ: Early Modern to Present	HIS 111	HIST 2020	3
U.S. History to 1877	HIS 151	HIST 2210	3
U.S. History since 1877	HIS 152	HIST 2220	3
Introduction to Literature	LIT 101	ENGL 2010	3
British Literature I	LIT 140	ENGL 2250	3
British Literature II	LIT 141	ENGL 2260	3
Music Appreciation	MUS 100	MUSIC 1020	3
Introduction to Philosophy	PHI 101	PHIL 2010	3

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Introduction to Ethics	PHI 105	PHIL 2300	3
Survey of World Religions	REL 101	RELIG 2050	3

### ADDITIONAL COURSES BY OPTION

#### *Fisheries & Aquatic Sciences Option*

Introduction to Oceanography	PHS 160	GEOL 1080	3
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#### *Interpretation of Natural Resources Option (Choose one)*

Introduction to Soil Science	AGA 182	AGRON 1820	3
Principles of Astronomy	PHS 142	ASTRO 1200	3
Introduction to Oceanography	PHS 160	GEOL 1080	3
Introduction to Meteorology	PHS 165	MTEOR 2060	3
Physical Geology and Laboratory	PHS 172	GEOL 1000+L	4

#### *Pre-Veterinary and Wildlife Care Option*

Microbiology and Lab	BIO 186	MICRO 2010+L	4
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#### *Wildlife Option*

Fundamentals of Soil Science	AGA 182	AGRON 1820	3
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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 1040. 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](#)