

# Animal Ecology

## Harper College ISU Transfer Plan

COURSE	Harper #	ISU #	CR
COMMUNICATIONS			
Composition I	ENG 101	ENGL 1500	3
Composition II	ENG 102	ENGL 2500	3
Fundamentals of Oral Communication	SPE 101	SP CM 2120	3
PHYSICAL AND LIFE SCIENCES			
General Biology I and Laboratory *	BIO 115	BIOL 2110+L	5
General Biology II and Laboratory *	BIO 116	BIOL 2120+L	5
<i>*Both BIO 115 &amp; 116 must be taken in order to transfer to ISU as BIOL 2110+L and BIOL 2120+L</i>			
General Chemistry I and Laboratory **	CHM 121	CHEM 1770+L	5
General Chemistry II and Laboratory **	CHM 122	CHEM 1780+L	5
Organic Chemistry *	CHM 201	CHEM 2310+L	4
Organic Chemistry I **	CHM 204	CHEM 3310+L	5
Organic Chemistry II **	CHM 205	CHEM 3320+L	5
<i>* Chemistry needed for NON Pre-Vet students only</i>			
<i>** Chemistry needed for Pre-Vet students only</i>			
Humans and the Environment	BIO 103	NREM 1200	3
College Physics I	PHY 121	PHYS 1310+L	5
MATHEMATICAL SCIENCES			
College Algebra	MTH 103	MATH 1400	3
OR Precalculus	MTH 140	MATH 1430	5
Statistics	MTH 165	STAT 1010	4
Calculus *	MTH 134 OR 200	MATH 1510 OR 1650	4-5
<i>*Calculus required for Fisheries and Wildlife options only</i>			

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### ETHICS

Ethics	PHI 115	PHIL 2300	3
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### U.S. CULTURES AND COMMUNITIES (Choose One)

Children's Literature	LIT 219	HD FS 2400	3
Human Sexuality	HED 202	HD FS 2760	3
Social Problems	SOC 205	SOC 2350	3
Religion in America	PHI 215	RELIG 2100	3

### INTERNATIONAL PERSPECTIVE (Choose One)

Cultural Anthropology	ANT 202	ANTHR 2010	3
History of Art I	ART 130 AND	ART H 2800	4.5
History of Art II	ART 131 AND	ART H 2810	4.5
	ART 132		
Elementary Chinese II *	CHN 102	CHIN 1020	4
Elementary French II *	FRN 102	FRNCH 1020	4
Elementary German II *	GER 102	GER 1020	4
Elementary Spanish II *	SPA 102	SPAN 1020	4

*\*Or higher level of foreign language course*

Comparative Politics	PSC 250	POLS 1250	3
Western Civilizations I	HUM 101 OR 141	HIST 2010	3
Western Civilizations II	HUM 102 OR 142	HIST 2020	3
Classical Mythology	HUM 120	CLST 2730	3
Music Appreciation	MUSC 103 OR 120	MUSIC 1020	3
Religions of the World	PHI 205	RELIG 2050	3

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### SOCIAL SCIENCE

Introduction to Sociology	SOC 101	SOC 1340	3
Sociology of Families	SOC 120	SOC 2190	3
Social Problems	SOC 205	SOC 2350	3
Introduction to Criminal Justice	LEJ 101	C J 2400	3
Criminology	LEJ 210	C J 2420	3
Cultural Anthropology	ANT 202	ANTHR 2010	3
Micro Economics	ECO 211	ECON 1010	3
Macro Economics	ECO 212	ECON 1020	3
Human Sexuality	HED 202	HD FS 2760	3
Introduction to Mass Communications	MCM 120	JL MC 1010	3
American Government	PSC 101	POL S 1110	3
Comparative Politics	PSC 250	POL S 1250	3
Introduction to Psychology	PSY 101	PSYCH 1010	3
Developmental Psychology	PSY 228	PSYCH 2300	3
Social Psychology	SOC 215	PSYCH 2800	3
Juvenile Justice	LEJ 205	SOC 2410	3

### HUMANITIES (Choose One)

History of Art I	ART 130 <b>AND</b>	ART H 2800	4.5
History of Art II	ART 131 <b>AND</b> ART 132	ART H 2810	4.5
Western Civilizations I	HUM 101 <b>OR</b> 141	HIST 2010	3
Western Civilizations II	HUM 102 <b>OR</b> 142	HIST 2020	3
American History: U.S. History to 1877	HST 111	HIST 2210	3
American History: U.S. 1877-Present	HST 112	HIST 2220	3
British Literature I	LIT 231	ENGL 2250	3
British Literature II	LIT 232	ENGL 2260	3

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Children's Literature	LIT 219	HD FS 2400	3
American Literature to Mid-1800s	LIT 221	ENGL 2270	3
American Literature since Mid-1800s	LIT 222	ENGL 2280	3
Music Appreciation	MUS 103 <b>OR</b> 120	MUSIC 1020	3
Introduction to Philosophy	PHI 105	PHIL 2010	3
Ethics	PHI 115	PHIL 2300	3
Religions of the World	PHI 205	RELIG 2050	3
Religion in America	PHI 215	RELIG 2100	3

### ADDITIONAL COURSES BY OPTION (Restricted Electives)

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

The Solar System	AST 112	ASTRO 1200	4
Environmental Geology	ESC 113	GEOL 1010	4
Introduction to Meteorology	ESC 121	MTEOR 2060	4

### PRACTICAL WORK EXPERIENCE

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](#)