

# Animal Ecology

## Des Moines Area Community College ISU Transfer Plan

COURSE	DMACC #	ISU #	CR
<i>COMMUNICATIONS</i>			
Composition I	ENG 105	ENGL 150	3
Composition II	ENG 106	ENGL 250	3
Library Instruction	SDV 171	LIB 160	1
Fundamentals of Oral Communication	SPC 101	SP CM 212	3
<i>PHYSICAL AND LIFE SCIENCES</i>			
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>			
Introduction to General Chemistry*	CHM 122	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 263	CHEM 331+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>			
Introduction to Renewable Resources	ENV 115	NREM 120	3
General Physics			
For NON Pre-Vet students	PHY 106	PHY 115+L	4
For Pre-Vet students	PHY 160	PHY 111	5
<i>MATHEMATICAL SCIENCES</i>			
College Algebra	MAT 121	MATH 140	4
<b>AND</b> Trigonometry	MAT 130	MATH 145	3
<b>OR</b> Pre-Calculus	MAT 129	MATH 143	5
Statistics	MAT 157	STAT 101	4
Calculus I *	MAT 211	MATH 165	5

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*\*Calculus is needed for Wildlife and Fisheries & Aquatic Sciences options only*

## ETHICS

Introduction to Ethics	PHI 105	PHIL 230	3
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## U.S. DIVERSITY (Choose One)

Exceptional Learner	EDU 245	SP ED 250	3
Children's Literature	LIT 105	HD FS 240	3
Human Sexuality	PSY 261	HD FS 276	3
Social Problems	SOC 115	SOC 235	3

## INTERNATIONAL PERSPECTIVE (Choose One)

Agricultural Issues	AGC 420	GLOBE 220	3
Cultural Anthropology	ANT 105	ANTHR 201	3
Faces of Culture	ANT 110	ANTHR 201	3
Elementary Arabic II*	FLA 142	ARABC 102	4
Elementary Chinese II*	FLC 142	CHIN 102	4
Elementary French II*	FLF 152	FRNCH 102	5
Elementary German II*	FLG 142	GER 102	4
Elementary Spanish II*	FLS 152	SPAN 102	5

*\*Or higher level of foreign language course*

Intro to International Studies	GLS 235	INT ST 235	3
Western Civ: Ancient to Early Modern	HIS 112	HIST 201	4
Western Civ: Early Modern to Present	HIS 113	HIST 202	4
Music Appreciation	MUS 100	MUSIC 102	3
International Relations	POL 121	POL S 251	3
Comparative Government & Politics	POL 125	POL S 241	3

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Survey of World Religions	REL 101	RELIG 205	3
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*SOCIAL SCIENCE (Choose One)*

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Agriculture Economics	AGB 101	ECON 101	3
Intro to Agricultural Markets	AGB 235	ECON 235	3
Cultural Anthropology	ANT 105	ANTHR 201	3
Faces of Culture	ANT 110	ANTHR 201	3
Intro to Criminal Justice	CRJ 100	CJ ST 240	3
Juvenile Law	CRJ 137	SOC 241	3
Principles of Macroeconomics	ECN 120	ECON 102	3
Principles of Microeconomics	ECN 130	ECON 101	3
Intro to International Studies	GLS 235	INT ST 235	3
American National Government	POL 111	POL S 215	3
International Relations	POL 121	POL S 251	3
Comparative Government and Politics	POL 125	POL S 241	3
Introduction to Psychology	PSY 111	PSYCH 101	3
Social Psychology	PSY 251	PSYCH 280	3
Developmental Psychology	PSY 121	PSYCH 230	3
Human Sexuality	PSY 261	HD FS 276	3
Introduction to Sociology	SOC 110	SOC 134	3
Social Problems	SOC 115	SOC 235	3
Marriage & Family	SOC 120	SOC 219	3

*HUMANITIES (Choose One)*

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Introduction to Theatre	DRA 101	THTRE 106	3
Western Civ: Ancient & Early Modern	HIS 112	HIST 201	4
Western Civ: Early Modern to Present	HIS 113	HIST 202	4

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American History: U.S. History to 1877	HIS 150	HIST 221	4
American History: U.S. 1877-Present	HIS 153	HIST 222	4
Introduction to Literature	LIT 101	ENGL 201	3
Children's Literature	LIT 105	HD FS 240	3
American Literature to Mid-1800s	LIT 110	ENGL 227	3
American Literature since Mid-1800s	LIT 111	ENGL 228	3
Music Appreciation	MUS 100	MUSIC 102	3
Introduction to Philosophy	PHI 101	PHIL 201	3
Introduction to Ethics	PHI 105	PHIL 230	3
Survey of World Religions	REL 101	RELIG 205	3

### *ADDITIONAL COURSES BY OPTION (Restricted Electives)*

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

Fundamentals of Soil Science	AGA 154	AGRON 182	3
Meteorology Weather Climate	PHS 166	MTEOR 206	4

### *PRACTICAL WORK EXPERIENCE*

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.*





IOWA STATE UNIVERSITY

Department of Natural Resource  
Ecology and Management

## Helpful Links

[NREM Student Services](#)

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

[ISU Transfer Course Equivalency Guides](#)

[ISU Transfer Student Admissions](#)