

Animal Ecology

North Iowa Area Community College ISU Transfer Plan

COURSE	NIACC #	ISU #	CR
<i>COMMUNICATIONS</i>			
Composition I	ENG 105	ENGL 150	3
Composition II	ENG 106	ENGL 250	3
Public Speaking	SPC 112	SP CM 212	3
<i>PHYSICAL AND LIFE SCIENCES</i>			
General Biology I and Laboratory *	BIO 202	BIOL 211+L	4
General Biology II and Laboratory *	BIO 203	BIOL 212+L	4
<i>*Both BIO 202 & 203 must be taken in order to transfer to ISU as BIOL 211+L and BIOL 212+L</i>			
General Chemistry I and Laboratory **	CHM 166	CHEM 177+L	5
General Chemistry II and Laboratory **	CHM 176	CHEM 178+L	5
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>			
Environmental Science	ENV 110	NREM 120	3
Survey of Physics	PHY 106	PHYS 115+L	4
OR College Physics I*	PHY 162	PHYS 131+L	4
<i>*Physics needed for Pre-Vet students only</i>			
<i>MATHEMATICAL SCIENCES</i>			
College Algebra	MAT 121	MATH 140	4
OR Pre-Calculus	MAT 128	MATH 143	4
Introduction to Statistics	MAT 156	STAT 104	3
Business Calculus *	MAT 165	MATH 151	3
OR Calculus I *	MAT 210	MATH 165	4
<i>* Calculus is needed for Wildlife and Fisheries & Aquatic Sciences options only</i>			

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ETHICS

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

American Sign Language I	ASL 131	ASL 101	3
Children's Literature	EDU 235	HD FS 240	3
Including Diverse Learners	EDU 246	SP ED 250	3
Social Problems	SOC 115	SOC 235	3
Financial Literacy	BUS 109	HD FS 283	3

INTERNATIONAL PERSPECTIVE (Choose One)

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 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

SOCIAL SCIENCE (Choose One)

Cultural Anthropology	ANT 105	ANTHR 201	3
Introduction to Criminal Justice	CRJ 100	CJ 240	3
Criminology	SOC 240	CJ 242	3
Juvenile Delinquency	CRJ 201	SOC 241	3
Principles of Macroeconomics	ECN 120	ECON 102	3

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Principles of Microeconomics	ECN 130	ECON 101	3
American National Government	POL 111	POL S 215	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	SOC 120	SOC 219	3
Introduction to Journalism	JOU 115	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, TV and Film	DRA 119	THTRE 106	3
Children's Literature	EDU 235	HD FS 240	3
Western Civ: Ancient to Early Modern	HIS 112	HIST 201	4
Western Civ: Early Modern to Present	HIS 113	HIST 202	4
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
Music Appreciation	MUS 100	MUSIC 102	3
Introduction to Philosophy	PHI 101	PHIL 201	3
Introduction to Ethics	PHI 105	PHIL 230	3

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ADDITIONAL COURSES BY OPTION (Restricted Electives)

Interpretation of Natural Resources Option (Choose one)

Fundamentals of Soil Science	AGA 154	AGRON 182	3
Principles of Astronomy	PHS 142	ASTRO 120	3

Pre-Veterinary and Wildlife Care Option

Microbiology	BIO 186	MICRO 201	4
Anatomy and Physiology I *	BIO 206	BIOL 255+L	4
Anatomy and Physiology II *	BIO 207	BIOL 256+L	4

**Both BIO 206 & 207 must be taken in order to transfer to ISU as BIOL 255+L and BIOL 256+L*

Wildlife Option

Fundamentals of Soil Science	AGA 154	AGRON 182	3
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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.

Helpful Links

[NREM Student Services](#)

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

[ISU Transfer Course Equivalency Guides](#)

[ISU Transfer Student Admissions](#)