

Animal Ecology

Iowa Central Community College ISU Transfer Plan

COURSE	ICCC #	ISU #	CR
<i>COMMUNICATIONS</i>			
Composition I/Library	ENG 105	ENGL 1500 AND LIB 1600	3
Composition II	ENG 106	ENGL 2500	3
Fundamentals of Oral Communication	SPC 101 OR SPC 112	SP CM 2120	3
<i>PHYSICAL AND LIFE SCIENCES</i>			
Introduction to Renewable Resources	AGA 390 OR ENV 111	NREM 1200	3-4
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 & 113 must be taken in order to transfer to ISU as BIOL 2110+L and BIOL 2120+L</i>			
General Chemistry I and Laboratory *	CHM 110 AND CHM 111	CHEM 1630+L	4
General Chemistry I and Laboratory **	CHM 165	CHEM 1770+L	4
General Chemistry II and Laboratory **	CHM 175	CHEM 1780+L	4
Organic Chemistry I and Laboratory *	CHM 130 OR CHM 132	CHEM 2310+L	4-5
Organic Chemistry I and Laboratory **	CHM 261	CHEM 3310+L	4
Organic Chemistry II and Laboratory **	CHM 271	CHEM 3320+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 1310+L	5
<i>MATHEMATICAL SCIENCES</i>			
College Algebra	MAT 120	MATH 1400	3
OR College Algebra and Trigonometry	MAT 127	MATH 1430	5
Statistics	MAT 157	STAT 1010	3-4
Business Calculus *	MAT 165	MATH 1510	3
OR Calculus I *	MAT 210	MATH 1650	4
<i>*Calculus is needed for Wildlife and Fisheries & Aquatic Sciences options only</i>			

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ETHICS

Introduction to Ethical Conflicts	PHI 145	PHIL 2300	3
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U.S. CULTURES AND COMMUNITIES (Choose One)

Children's Literature	EDU 235	HD FS 2400	3
African American Literature	LIT 130	AF AM 2010	3
Social Problems	SOC 115	SOC 2350	3
Human Sexuality	PSY 261	HD FS 2760	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
Introduction to Religion	REL 105	RELIG 2050	3

SOCIAL SCIENCE (Choose One)

Introduction to Agriculture Markets	AGB 235	ECON 2350	3
Cultural Anthropology	ANT 105	ANTHR 2010	3

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Introduction to Criminal Justice	CRJ 100	C J 2400	3
Juvenile Delinquency	CRJ 201	SOC 2410	3
Criminology	CRJ 200	C J 2420	3
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
Comparative Government and Politics	POL 125	POL S 1250	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	PSY 281	PSYCH 3330	3
Social Psychology	PSY 251	PSYCH 2800	3
Introduction to Sociology	SOC 110	SOC 1340	3
Social Problems	SOC 115	SOC 2350	3
Marriage and Family Relations	SOC 120	SOC 2190	3
Mass Communications and Society	COM 150	JL MC 1010	3

HUMANITIES (Choose One)

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 & 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
African American Literature	LIT 130	AF AM 2010	3
Music Appreciation	MUS 100	MUSIC 1020	3

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Introduction to Philosophy	PHI 101	PHIL 2010	3
Introduction to Ethical Conflicts	PHI 145	PHIL 2300	3
Introduction to Religion	REL 105	RELIG 2050	3

ADDITIONAL COURSES BY OPTION (Restricted Electives)

Interpretation of Natural Resources Option (Choose one)

Fundamentals of Soil Science	AGA 154	AGRON 1820	3
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Wildlife Option

Fundamentals of Soil Science	AGA 154	AGRON 1820	3
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Pre-Vet and Wildlife Care Option

Microbiology	BIO 186	MICRO 2010	4
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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](#)