

Animal Ecology

Kirkwood Community College ISU Transfer Plan

COURSE	KCC #	ISU #	CR
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COMMUNICATIONS

Composition I/Library	ENG 105	ENGL 1500 AND LIB 1600	3
Composition II/Technical Writing	ENG 106 OR ENG 108	ENGL 2500	3
Fundamentals of Oral Communication	SPC 101 OR SPC 112	SP CM 2120	3
Natural Resources Interpretation *	AGN 240	NREM 2T**	3

* Must complete Certified Interpretive Guide component to take this course

PHYSICAL AND LIFE SCIENCES

General Biology I and Laboratory *	BIO 112	BIOL 2110+L	4
General Biology II and Laboratory *	BIO 113	BIOL 2120+L	4
*Both BIO 112 & 113 must be taken in order to transfer to ISU as BIOL 211+L and BIOL 212+L			
General Chemistry I and Laboratory*	CHM 165	CHEM 1770+L	4
General Chemistry II and Laboratory **	CHM 175	CHEM 1780+L	4
Intro to Organic & Biochemistry and Lab *	CHM 132	CHEM 2310+L	4
Organic Chemistry I and Laboratory **	CHM 262	CHEM 3310+L	4.5
Organic Chemistry II and Laboratory **	CHM 272	CHEM 3320+L	4.5

*Chemistry needed for NON Pre-Vet students

**Chemistry needed for Pre-Vet students only

Environmental Science	ENV 115	NREM 1200	3
College Physics I	PHY 162	PHY 1310+L	4

MATHEMATICAL SCIENCES

College Algebra	MAT 120 OR MAT 138	MATH 1400	3-4
OR Trigonometry and Analytic Geometry	MAT 136	MATH 145	5
Statistics	MAT 157	STAT 1010	4
Business Calculus *	MAT 165	MATH 1510	3
OR Calculus I *	MAT 210	MATH 1650	4

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

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ETHICS

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

American Indian History	HIS 254	AMIN 2100	3
Children's Literature	LIT 105	HDFS 2400	3
Human Sexuality	PSY 261	HDFS 2760	3
Personal Finance	FIN 121	HDFS 2830	3
Religion in the United States	REL 140	RELIG 2100	3
Social Problems	SOC 115	SOC 2350	3

INTERNATIONAL PERSPECTIVE (Choose One)

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

*Or higher level of foreign language course

History of Science	HIS 291	HIST 2810	3
Music Appreciation	MUS 100	MUSIC 1020	3
International Relations	POL 121	POLS 1210	3
Comparative Government and Politics	POL 125	POLS 1250	3
Survey of World Religions	REL 101	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
Criminology	CRJ 200	C J 2420	3
Juvenile Delinquency	CRJ 201	SOC 2410	3
Principles of Macroeconomics	ECN 120	ECON 1020	3
Principles of Microeconomics	ECN 130	ECON 1010	3
American National Government	POL 111	POLS 1110	3
International Relations	POL 121	POLS 1210	3
Comparative Government and Politics	POL 125	POLS 1250	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	HDFS 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
Mass Media	MMS 101	JLMC 1010	3
Public Relations and Marketing	MMS 241	PR 2200	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
U.S. History to 1877	HIS 151	HIST 2210	3
U.S. History since 1877	HIS 152	HIST 2220	3
American Indian History	HIS 254	AM IN 2100	3
History of Science	HIS 291	HIST 2810	3
Children's Literature	LIT 105	HD FS 2400	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
Religion in the United States	REL 140	RELIG 2100	3

ADDITIONAL COURSES BY OPTION (Restricted Electives)

Fisheries & Aquatic Sciences Option

Environmental Geology	PHS 175	GEOL 1010	3
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Interpretation of Natural Resources Option (Choose one)

Introduction to Astronomy	PHS 151	ASTRO 1200	3
Physical Geology	PHS 170	GEOL 1000	3
Environmental Geology	PHS 175	GEOL 1010	3
Fundamentals of Soil Science	AGA 154	AGRON 1820	3

Pre-Veterinary and Wildlife Care Option

Microbiology and Lab	BIO 186	MICRO 2010+L	4
Domestic Animal Physiology	AGS 214	AN S 2140	3

Wildlife Option

Fundamentals of Soil Science	AGA 154	AGRON 1820	3
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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](#)