

Animal Ecology

Southwestern Community College ISU Transfer Plan

COURSE	SWCC #	ISU #	CR
<i>COMMUNICATIONS</i>			
Composition I	ENG 105	ENGL 150	3
Composition II	ENG 106	ENGL 250	3
Fundamentals of Oral Communication	SPC 101 OR SPC 112	SP CM 212	3
<i>PHYSICAL AND LIFE SCIENCES</i>			
General Biology I and Laboratory *	BIO 112 OR BIO 114	BIOL 211+L	4
General Biology II and Laboratory *	BIO 113 OR BIO 115	BIOL 212+L	4
*Both BIO 112 & 113 must be taken in order to transfer to ISU as BIOL 211+L and BIOL 212+L			
Introduction to General Chemistry	CHM 122	CHEM 163	4
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 261	CHEM 331+L	4
Organic Chemistry II and Laboratory *	CHM 271	CHEM 332+L	4
*Additional chemistry needed for Pre-Vet students only			
College Physics I	PHY 162	PHY 131+L	4
<i>MATHEMATICAL SCIENCES</i>			
College Algebra	MAT 120 OR MAT 121	MATH 140	3-4
OR Pre-Calculus	MAT 128	MATH 143	4
OR College Algebra & Trigonometry	MAT 127	MATH 143	5
Statistics	BUS 210 OR MAT 156	STAT 104	3
Calculus I *	MAT 210	MATH 165	4
*Calculus is need for Wildlife and Fisheries & Aquatic Sciences options only			

Animal Ecology

Southwestern Community College ISU Transfer Plan

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	EDU 235 OR LIT 105	HD FS 240	3
Human Sexuality	PSY 261	HD FS 276	3
Social Problems	SOC 115	SOC 235	3
Personal Finance	ECN 115	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 110	HIST 201	3
Western Civ: Early Modern to Present	HIS 111	HIST 202	3
Music Appreciation	MUS 100	MUSIC 102	3
Survey of World Religions	REL 101	RELIG 205	3

SOCIAL SCIENCE (Choose One)

Introduction to Agriculture Market	AGB 235	ECON 235	3
Cultural Anthropology	ANT 105	ANTHR 201	3
Introduction to Criminal Justice	CRJ 100	C J 240	3
Criminology	CRJ 200	C J 242	3

Animal Ecology

Southwestern Community College ISU Transfer Plan

Juvenile Delinquency	CRJ 201	C J 241	3
Principles of Macroeconomics	ECN 120	ECON 102	3
Principles of Microeconomics	ECN 130	ECON 101	3
American National Government	POL 111	POL S 215	3
Introduction to Psychology	PSY 111	PSYCH 101	3
Developmental Psychology	PSY 121	PSYCH 230	3
Educational Psychology	EDU 240	PSYCH 333	3
Social Psychology	PSY 251	PSYCH 280	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 and Family	SOC 120	SOC 219	3
Introduction to Mass Media	COM 140 OR MMS 101	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	DRA 101	THTRE 110	3
Introduction to Film	DRA 110	THTRE 106	3
Western Civ: Ancient to Early Modern	HIS 110	HIST 201	3
Western Civ: Early Modern to Present	HIS 111	HIST 202	3
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
Children's Literature	EDU 235 OR 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
British Literature I	LIT 140	ENGL 225	3
British Literature II	LIT 141	ENGL 226	3

Animal Ecology

Southwestern Community College ISU Transfer Plan

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 and Wildlife Options (Choose One)

Intro to Soil Science	AGA 154	AGRON 182	3
Meteorology, Weather, and Climate	PHS 166	MTEOR 206	4
Principles of Astronomy	PHS 142	ASTRO 120	3

Pre-veterinary and Wildlife Care Option

Essentials of Anatomy and Physiology*	BIO 162	BIOL 155	3
*For NON Pre-Vet students only			
Microbiology	BIO 186	MICRO 201	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.

Helpful Links

[NREM Student Services](#)
[College of Agriculture and Life Sciences Student Services](#)
[ISU Transfer Course Equivalency Guides](#)
[ISU Transfer Student Admissions](#)