

Animal Ecology

Des Moines Area Community College ISU Transfer Plan

COURSE	DMACC #	ISU #	CR
COMMUNICATIONS			
Composition I	ENG 105	ENGL 1500	3
Composition II	ENG 106	ENGL 2500	3
Library Instruction	SDV 171	LIB 1600	1
Fundamentals of Oral Communication	SPC 101	SP CM 2120	3
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
<i>*Both BIO 112 & 113 must be taken in order to transfer to ISU as BIOL 2110+L and BIOL 2120+L</i>			
Introduction to General Chemistry*	CHM 122	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 263	CHEM 3310+L	5
Organic Chemistry II and Laboratory **	CHM 273	CHEM 3320+L	5
Organic/Biochemistry and Laboratory	CHM 132		4
<i>*Chemistry needed for Non Pre-Vet students only</i>			
<i>**Chemistry needed for Pre-Vet students only</i>			
Environmental Science	ENV 115	BIOL 1730	3
General Physics			
For NON Pre-Vet students	PHY 106	PHY 1150+L	4
For Pre-Vet students	PHY 160	PHY 1310+L	5

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MATHEMATICAL SCIENCES

College Algebra	MAT 121	MATH 1400	4
OR Pre-Calculus	MAT 129	MATH 1430	5
Statistics	MAT 157	STAT 1040	4
Calculus I *	MAT 211	MATH 1650	5

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

ETHICS (Choose One)

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

Children's Literature	LIT 105	HD FS 2400	3
Human Sexuality	PSY 261	HD FS 2760	3
Social Problems	SOC 115	SOC 2350	3
Personal Finance	FIN 121	HD FS 2830	3
Religion in the United States	REL 140	RELIG 2100	3

INTERNATIONAL PERSPECTIVE (Choose One)

Agricultural Issues	AGC 420	GLOBE 2200	3
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 Arabic II*	FLA 142	ARABC 1020	4
Elementary Chinese II*	FLC 142	CHIN 1020	4
Elementary French II*	FLF 152	FRNCH 1020	5
Elementary German II*	FLG 142	GER 1020	4

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Elementary Spanish II*	FLS 152	SPAN 1020	5
<i>*Or higher level of foreign language course</i>			
Intro to International Studies	GLS 235	INT ST 2350	3
West Civ: Ancient to Early Modern	HIS 110	HIST 2010	4
West Civ: Early Modern to Present	HIS 111	HIST 2020	4
Music Appreciation	MUS 100	MUSIC 1020	3
International Relations	POL 121	POL S 1210	3
Comparative Government and Politics	POL 125	POL S 1250	3
Survey of World Religions	REL 101	RELIG 2050	3

SOCIAL SCIENCE (Choose One)

Agriculture Economics	AGB 101	ECON 1010	3
Intro to Agricultural Markets	AGB 235	ECON 2350	3
Cultural Anthropology	ANT 105	ANTHR 2010	3
Intro to Criminal Justice	CRJ 100	C J 2400	3
Criminology	CRJ 200	C J 2420	3
Juvenile Delinquency	CRJ 201	C J 2410	3
Principles of Macroeconomics	ECN 120	ECON 1020	3
Principles of Microeconomics	ECN 130	ECON 1010	3
Intro to International Studies	GLS 235	INT ST 2350	3
American National Government	POL 111	POL S 2150	3
International Relations	POL 121	POL S 2510	3
Comparative Government and Politics	POL 125	POL S 2410	3
Introduction to Psychology	PSY 111	PSYCH 1010	3
Social Psychology	PSY 251	PSYCH 2800	3
Developmental Psychology	PSY 121	PSYCH 2300	3
Human Sexuality	PSY 261	HD FS 2760	3
Introduction to Sociology	SOC 110	SOC 1340	3
Social Problems	SOC 115	SOC 2350	3

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Marriage & Family	SOC 120	SOC 2190	3
Agricultural Issues	AGC 420	GLOBE 2200	3
Intro to Mass Media	JOU 110	JL MC 1010	3
Educational Psychology	PSY 281	PSYCH 3330	3
Principles of PR	JOU 167	P R 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
West Civ: Ancient and Early Modern	HIS 112	HIST 2010	4
West Civ: Early Modern to Present	HIS 113	HIST 2020	4
U.S. History to 1877	HIS 151	HIST 2210	4
U.S. Since 1877	HIS 153	HIST 2220	4
Introduction to Literature	LIT 101	ENGL 2010	3
Children's Literature	LIT 105	HD FS 2400	3
American Literature to Mid-1800s	LIT 110	ENGL 2270	3
American Literature since Mid-1800s	LIT 111	ENGL 2280	3
Music Appreciation	MUS 100	MUSIC 1020	3
Introduction to Philosophy	PHI 101	PHIL 2010	3
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

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ADDITIONAL COURSES BY OPTION *(Restricted Electives)*

Interpretation of Natural Resources Option (Choose One)

Fundamentals of Soil Science	AGA 154	AGRON 1820	3
Meteorology Weather Climate	PHS 166	MTEOR 2060	4
Microbiology and Laboratory	BIOL 168	MICRO 2010 + L	4

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](#)