

IOWA STATE UNIVERSITY

College of Agriculture and Life Sciences
College of Liberal Arts and Sciences

Have questions about transferring?
Contact the Transfer Student Coordinator!
Em Kapler – ekapler@iastate.edu – (515) 294-8628
Biology and Environmental Science
105B Bessey Hall – Iowa State University
2200 Osborn Dr. – Ames, Iowa – 50011-1020

Environmental Science Transfer Checklist

Northwest Iowa Community College (NWICC)

Our transfer checklist is designed to assist students who wish to transfer courses from NWICC to Iowa State University and major in Environmental Science. Students need not complete everything on this list prior to transferring, but the courses suggested will fulfill our degree requirements. We recommend discussing our checklist with an advisor in our student services office, as other courses may also apply and could be more appropriate for a particular career.

Environmental Science Major Requirements

The following courses are recommended for students interested in transferring to Environmental Science. These courses satisfy Environmental Science degree requirements and often apply to other science majors at Iowa State as well.

Recommended Environmental Science Courses

<u>NWICC</u>	<u>Course</u>	<u>ISU Equivalent</u>
<input type="checkbox"/>	ENV 115 Env't Science	BIOL 173
<input type="checkbox"/>	ENV 116 Env't Science Lab	BIOL 1T**
<input type="checkbox"/>	AGA 154 Fund of Soil Science	AGRON 182
<input type="checkbox"/>	PHS 166 Meteorology	MTEOR 1T**
<input type="checkbox"/>	PHS 166 Physical Geology	GEOL 1T**

Recommended Biology Courses

<u>NWICC</u>	<u>Course</u>	<u>ISU Equivalent</u>
<input type="checkbox"/>	BIO 102 Intro Biology I	BIOL 2T**
	BIO 103 Intro Biology I Lab	
<input type="checkbox"/>	BIO 106 Intro Biology II	BIOL 2T**
	BIO 107 Intro Biology II Lab	

ATTENTION! To receive credit for BIOL 211/L and BIOL 212/L, students **must** complete BIO 102, BIO 103, BIO 106, and BIO 107

Recommended Math Courses

<u>NWICC</u>	<u>Course</u>	<u>ISU Equivalent</u>
<input type="checkbox"/>	MAT 156 Statistics	STAT 104
<input type="checkbox"/>	MAT 210 Calculus I	MATH 165

Recommended Physics Courses

<u>NWICC</u>	<u>Course</u>	<u>ISU Equivalent</u>
<input type="checkbox"/>	PHY 156 General Physics I	PHYS 111
	PHY 157 General Physics I Lab	

Recommended Chemistry Courses

<u>NWICC</u>	<u>Course</u>	<u>ISU Equivalent</u>
<input type="checkbox"/>	CHM 163 General Chemistry I	CHEM 177
<input type="checkbox"/>	CHM 164 General Chem I Lab	CHEM 177L
<input type="checkbox"/>	CHM 173 General Chemistry II	CHEM 178
<input type="checkbox"/>	CHM 174 General Chem II Lab	CHEM 178L

Students may take additional science courses at NWICC to explore an interest area. Such courses will be considered electives within the major, but may be used for a second major, a minor, or as pre-requisites for certain upper-level environmental science courses at Iowa State.

University and College Requirements

Students of all majors must complete university requirements. Further general education requirements are determined by choice of college, and Environmental Science majors may be in either the College of Agriculture and Life Sciences (AgLS) or the College of Liberal Arts and Sciences (LAS).

Communications Requirements

NWICC	Course	ISU Equivalent
<input type="checkbox"/>	ENG 105 Composition I	ENGL 150
<input type="checkbox"/>	ENG 106 Composition II	ENGL 250
<input type="checkbox"/>	SPC 101 Fund of Oral Com	SP CM 212
	-or-	
	SPC 112 Public Speaking	SP CM 212

NOTE! Students who have credit for ENGL 250 but not ENGL 150 will need to take an advanced writing course to meet university requirements

Suggested U.S. Diversity Courses

HIS 253, HIS 255, HIS 257, PSY 261, PSY 262, SOC 115, SOC 200, SOC 220

Suggested International Perspective Courses

ANT 105, GEO 121, HIS 110, HIS 111, LIT 150, LIT 178, MUS 100, POL 121, REL 101, SOC 186

\Students need to complete 3 credits of U.S. Diversity (USD) and 3 credits of International Perspectives (IP). The USD and IP courses may double count with college general education requirements. Students intending to major in LAS must complete 12 credits arts and humanities, 9 credits social sciences, and a world language proficiency (3 years of high school language or 101/102 college level); AgLS majors must complete 3 credits humanities, 3 credits ethics, and 3 credits social sciences. The following lists are suggestions and not intended to be exhaustive lists of possible options.

Suggested Arts and Humanities Courses

NWICC	Course	ISU Equivalent
<input type="checkbox"/>	ART 203 Art History I	ART H 280
<input type="checkbox"/>	DRA 101 Intro Theatre	THTRE 106
<input type="checkbox"/>	HIS 152 American Hist II	HIST 222
<input type="checkbox"/>	HIS 201 Iowa History	HIST 2T**
<input type="checkbox"/>	HIS 257 Ame Indian History	HIST 2T**
<input type="checkbox"/>	HIS 271 American Frontier	HIST 2T**
<input type="checkbox"/>	LIT 110 American Lit	ENGL 227
<input type="checkbox"/>	LIT 150 World Literature I	ENGL 2T**
<input type="checkbox"/>	LIT 178 Mythology & Bible	ENGL 2T**
<input type="checkbox"/>	MUS 100 Music Appreciation	MUSIC 102
<input type="checkbox"/>	PHI 101 Intro Philosophy	PHIL 201
<input type="checkbox"/>	PHI 105 Intro Ethics	PHIL 230
<input type="checkbox"/>	REL 101 World Religion	RELIG 205

Suggested Social Sciences Courses

NWICC	Course	ISU Equivalent
<input type="checkbox"/>	ANT 105 Cultural Anthro	ANTHR 201
<input type="checkbox"/>	ECN 120 Macroeconomics	ECON 102
<input type="checkbox"/>	ECN 130 Microeconomics	ECON 101
<input type="checkbox"/>	GEO 121 World Geography	S SCI 1T**
<input type="checkbox"/>	JOU 115 Intro Mass Media	JL MC 1T**
<input type="checkbox"/>	POL 111 American Gov't	POL S 215
<input type="checkbox"/>	POL 121 Int'l Relations	POL S 1T**
<input type="checkbox"/>	PSY 111 Intro Psychology	PSYCH 101
<input type="checkbox"/>	PSY 241 Abnormal Psych	PSYCH 2T**
<input type="checkbox"/>	PSY 251 Social Psychology	PSYCH 280
<input type="checkbox"/>	SOC 110 Intro Sociology	SOC 134
<input type="checkbox"/>	SOC 189 Global Perspectives	S SCI 1T**
<input type="checkbox"/>	SOC 240 Criminology	SOC 2T**