

IOWA STATE UNIVERSITY

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

Have questions about transferring?
Contact the Transfer Student Coordinator!
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Biology and Environmental Science
105B Bessey Hall – Iowa State University
2200 Osborn Dr. – Ames, Iowa – 50011-1020

Environmental Science Transfer Checklist

Iowa Valley Community College (IVCC)

Our transfer checklist is designed to assist students who wish to transfer courses from IVCC 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

IVCC	Course	ISU Equivalent
<input type="checkbox"/>	ENV 120 Env't Biology	ENV S 173
<input type="checkbox"/>	AGA 154 Fund of Soil Science	AGRON 182

Recommended Biology Courses

IVCC	Course	ISU Equivalent
<input type="checkbox"/>	BIO 112 General Biology I	BIOL 2T**
<input type="checkbox"/>	BIO 113 General Biology II	BIOL 2T**

ATTENTION! To receive credit for BIOL 211/L and BIOL 212/L, students must complete both BIO 112 and BIO 113

Recommended Math Courses

IVCC	Course	ISU Equivalent
<input type="checkbox"/>	MAT 156 Statistics	STAT 101
<input type="checkbox"/>	MAT 210 Calculus I	MATH 165

Recommended Chemistry Courses

IVCC	Course	ISU Equivalent
<input type="checkbox"/>	CHM 165 General Chemistry I	CHEM 177+L
<input type="checkbox"/>	CHM 175 General Chemistry II	CHEM 178+L
<input type="checkbox"/>	CHM 261 Organic Chemistry I	CHEM 331+L

Recommended Physics Courses

IVCC	Course	ISU Equivalent
<input type="checkbox"/>	PHY 162 College Physics I	PHYS 111

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

IVCC	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 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

ASL 131, CRJ 211, EDU 235, HIS 254, HIS 257, LIT 129, LIT 133, MUS 205, SOC 115

Suggested International Perspective Courses

ANT 105, BUS 220, CLS 150, HIS 112, HIS 113, LIT 140, LIT 180, MUS 100, REL 101

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

IVCC	Course	ISU Equivalent
<input type="checkbox"/>	ART 101 Art Appreciation	ART 1T**
<input type="checkbox"/>	ART 203 Art History	ART H 280
<input type="checkbox"/>	CLS 163 Thai Culture	HUM 1T**
<input type="checkbox"/>	DRA 102 Elem of Theatre	THTRE 106
<input type="checkbox"/>	DRA 110 Intro to Film	JL MC 1T**
<input type="checkbox"/>	HIS 112 Western Civ I	HIST 201
<input type="checkbox"/>	HIS 151 American Hist I	HIST 221
<input type="checkbox"/>	LIT 110 American Lit I	ENGL 227
<input type="checkbox"/>	LIT 133 Minority Voices	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

IVCC	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 Intro Geography	S SCI 1T**
<input type="checkbox"/>	JOU 110 Intro Mass Media	JL MC 101
<input type="checkbox"/>	POL 111 American Gov't	POL S 215
<input type="checkbox"/>	PSY 111 Intro Psychology	PSYCH 101
<input type="checkbox"/>	PSY 241 Abnormal Psych	PSYCH 2T**
<input type="checkbox"/>	PSY 251 Social Sexuality	PSYCH 280
<input type="checkbox"/>	SOC 110 Intro Sociology	SOC 134
<input type="checkbox"/>	SOC 115 Social Problems	SOC 235
<input type="checkbox"/>	SOC 160 Intro to Social Work	SOC 1T**