

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

Biology Transfer Checklist

Kirkwood Community College

Our transfer checklist is designed to assist students who wish to transfer courses from Kirkwood to Iowa State University and major in Biology. 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.

Biology Major Requirements

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

Recommended Biology Courses

<u>Kirkwood Course</u>	<u>ISU Equivalent</u>
<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 Chemistry Courses

<u>Kirkwood Course</u>	<u>ISU Equivalent</u>
<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 262 Organic Chemistry I	CHEM 331 CHEM 333L
<input type="checkbox"/> CHM 272 Organic Chemistry II	CHEM 332 CHEM 334L

Recommended Math Courses

<u>Kirkwood Course</u>	<u>ISU Equivalent</u>
<input type="checkbox"/> MAT 157 Statistics	STAT 101
<input type="checkbox"/> MAT 210 Calculus I	MATH 165

NOTE! Take either MAT 140 or MAT 157, not both.

Recommended Physics Courses

<u>Kirkwood Course</u>	<u>ISU Equivalent</u>
<input type="checkbox"/> PHY 162 College Physics I	PHYS 111
<input type="checkbox"/> PHY 172 College Physics II	PHYS 112

Students may take additional science courses at Kirkwood 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 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

<u>Kirkwood Course</u>	<u>ISU Equivalent</u>
<input type="checkbox"/> ENG 105 Composition I	ENGL 150* LIB 160
<input type="checkbox"/> ENG 106 Composition II	ENGL 250
<input type="checkbox"/> SPC 101 Fund of Oral Com -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

CLS 180, HIS 254, PHI 125, REL 140, PSY 261, SOC 115, SOC 200, SOC 265

Suggested International Perspective Courses

ANT 105, ART 203, CLS 165, GEO 121, HIS 121, HIS 291, LIT 227, MUS 100, POL 125, REL 160

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

<u>Kirkwood Course</u>	<u>ISU Equivalent</u>
<input type="checkbox"/> ART 203 Art History	ART H 280
<input type="checkbox"/> DRA 101 Intro Theatre	THTRE 106
<input type="checkbox"/> CLS 167 Modern China	U ST 1T**
<input type="checkbox"/> HIS 151 US History to 1877	HIST 221
<input type="checkbox"/> HIS 291 History of Science	HIST 281
<input type="checkbox"/> HUM 124 World Film History	ENGL 1T**
<input type="checkbox"/> LIT 205 Forms of Lit: Drama	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"/> PHI 160 Environmental Ethics	PHIL 1T**
<input type="checkbox"/> REL 101 World Religion	RELIG 205
<input type="checkbox"/> REL 125 Intro to Islam	RELIG 1T**

Suggested Social Sciences Courses

<u>Kirkwood Course</u>	<u>ISU Equivalent</u>
<input type="checkbox"/> ANT 105 Cultural Anthro	ANTHR 201
<input type="checkbox"/> CRJ 100 Intro Crim. Justice	CJ ST 240
<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"/> MMS 110 Mass Media	JL MC 101
<input type="checkbox"/> POL 111 American Gov't	POL S 215
<input type="checkbox"/> POL 150 U.S. Foreign Policy	POL S 2T**
<input type="checkbox"/> PSY 111 Intro Psychology	PSYCH 101
<input type="checkbox"/> PSY 241 Abnormal Psych	PSYCH 2T**
<input type="checkbox"/> SOC 110 Intro Sociology	SOC 134
<input type="checkbox"/> SOC 115 Social Problems	SOC 235
<input type="checkbox"/> SOC 284 Soc. of the Env't	SOC 2T**