

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

Biology 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 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

	NWICC Course	ISU Equivalent
<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 Chemistry Courses

	NWICC Course	ISU Equivalent
<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

Recommended Math Courses

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

Recommended Physics Courses

	NWICC Course	ISU Equivalent
<input type="checkbox"/>	PHY 156 General Physics I	PHYS 111
	PHY 157 General Physics I Lab	
<input type="checkbox"/>	PHY 158 General Physics II	PHYS 112
	PHY 159 General Physics II Lab	

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