

Iowa Western Community College / Iowa State University
Department of Agriculture and Biosystems Engineering

AGRICULTURAL SYSTEMS TECHNOLOGY CURRICULUM

IWCC Catalog; ISU 2015-2016 Catalog

- This Agricultural Systems Technology transfer plan was accurate on the date it was prepared but may not reflect subsequent changes by ISU or your transfer institution. The transfer plan should be used as a guide only and should not replace consultation with an adviser at your current institution and ISU.
- To compare ISU courses with transfer courses from IWCC, you can access the transfer equivalency guide at: <http://www.admissions.iastate.edu/equiv/index.php?state=iowa>.

Recommended Core Courses for Agricultural Systems Technology.

Options are available for Machine Systems or Agricultural and Biosystems Management.

IWCC Courses Title Cr. ISU Course

Interpersonal and Public Communication Skills

ENG105	Composition I	3	ENGL 150
ENG106	Composition II	3	ENGL 250
SPC112	Public Speaking	3	SP CM 212

Mathematical, Physical, and Life Science

Both PHY 156&157 must be taken to receive credit for PHYS 111	{	MAT 211	Calculus I	5	MATH 165	→ Math Requirement: Credit for Math 165 fulfills requirement for Math 145 & 151 at ISU
		PHY 156	General Physics I	5	PHYS 111	
		PHY 157	General Physics I Lab			
		CHM 122	Introduction to General Chemistry	3	CHEM 163	
			Introduction to General Chemistry Lab	1	CHEM 163L	
		BIO 105	Introductory Biology	4	BIOL 101	
	OR					
	BIO 112	General Biology I	4	BIOL 2T**	} Either BIO 112 or 113 will count for BIOL 211	
	OR					
	BIO 113	General Biology II	4	BIOL 2T**		

Life Sciences

(3 credits needed)

For a complete list of **Life Science** courses at ISU please visit:

http://www.agstudent.iastate.edu/agriculturestudentservices/life_science.htm.

Compare this list with the Transfer Equivalency Guide for your institution to choose your 3 credits of life sciences.

Business, Humanities, Ethics, and Social Sciences

ECN 130	Principles of Microeconomics	3	ECON 101
ACC 121	Principles of Accounting I	3	ACCT 284

For Humanities, International Perspectives, and U.S. Diversity, accepted courses are subject to change. Please check with an ABE advisor for the most popular courses, how to double count courses to fulfill more than one academic requirement, and current updates.

Humanities ^a

(3 credits needed)

MUS 100	Music Appreciation	3	MUSIC 102
REL 101	Survey of World Religions	3	RELIG 205
EDU 235	Children's Literature	3	HD FS 240
HIST 110	Western Civ Ancient to Early Modern	3	HIST 201
HIST 111	Western Civ Early Modern to Present	3	HIST 202
HIST 151	U.S. History to 1877	3	HIST 221

HIST 152	U.S. History since 1877	3	HIST 222
PHI 101	Introduction to Philosophy	3	PHIL 201
PHI 105	Introduction to Ethics	3	PHIL 230
DRA 101	Introduction to Theatre	3	THTR 106

^a These are Humanities courses that have transferred in the past are listed below.

For a complete list of **Humanities** courses at ISU please visit:

<http://www.agstudent.iastate.edu/agriculturestudentservices/humanities.htm>

International Perspective ^b

(3 credits needed)

MUS 100	Music Appreciation	3	MUSIC 102
REL 101	Survey of World Religions	3	RELIG 205
ANT 105	Cultural Anthropology	3	ANTHR 201
HIS 110	Western Civ Ancient to Early Modern	3	HIST 201
HIS 111	Western Civ Modern to Present	3	HIST 202
POL 121	International Relations	3	POL S 251
FLS 142	Elementary Spanish II	4	SPAN 102

^b These are International Perspectives courses that have transferred in the past.

For a complete list of **International Perspectives** courses at ISU please visit:

<http://www.registrar.iastate.edu/students/div-ip-guide/IntlPerspectives-current>

For a complete list of non-equivalent transfer courses approved for use as International Perspective please visit: <http://www.registrar.iastate.edu/sites/default/files/uploads/courses/TransferIP.pdf>

U.S. Diversity ^c

(3 credits needed)

EDU 235	Children's Literature	3	HD FS 240
EDU 245	Exceptional Learner	3	SP ED 250
ECE 287	Exceptional Learner	3	SP ED 250
PSY 261	Human Sexuality	3	HD FS 276
SOC 115	Social Problems	3	SOC 235

^c These are U.S. Diversity courses that have transferred in the past.

For a complete list of **U.S. Diversity** courses at ISU please visit:

<http://www.registrar.iastate.edu/students/div-ip-guide/usdiversity-courses>

For a complete list of non-equivalent *transfer courses* approved for use as U.S. Diversity Requirement please visit: <http://www.registrar.iastate.edu/sites/default/files/uploads/courses/TransferDiv.pdf>

Technology Core

EGR 165	Engineering II	3	TSM 115
---------	----------------	---	---------

A MAXIMUM OF 65 COMMUNITY COLLEGE CREDITS CAN BE APPLIED TOWARDS YOUR MAJOR AT IOWA STATE UNIVERSITY