

Southwestern Community College Transfer Guide

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

AGRICULTURAL SYSTEMS TECHNOLOGY CURRICULUM

SWCC Catalog; ISU 2013-2014 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 SWCC, 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.

<i>SWCC Courses</i>	<i>Title</i>	<i>Cr.</i>	<i>ISU Course</i>
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Interpersonal and Public Communication Skills

ENG 105	Composition I	3	ENGL 150
ENG 106	Composition II	3	ENGL 250
SPC 101	Fundamentals of Oral Communication	3	SPCM 212

Mathematical, Physical, and Life Science

MAT 127	College Algebra and Trigonometry	5	MATH 142	} Math Requirement: - Math 142 + Math 160 (at ISU) OR - Math 165 alone
MAT 210	Calculus I	4	MATH 165	
PHY 162	College Physics I (with lab)	4	PHYS 111	
MAT 156	Statistics	3	STAT 104	
CHM 166	General Chemistry I	4	CHEM 177	
	General Chemistry I Lab	1	CHEM 177L	
BIO 105	Introductory Biology (with lab)	4	BIOL 101	
	OR			
BIO 112	General Biology I	4	BIOL 2T**	} Either BIO 112 or 113 will count for BIO 211
	OR			
BIO 113	General Biology II	4	BIOL 2T**	

Credit in CHEM 177&177L will meet the requirement for CHEM 163&163L

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.

Social Sciences

ECN 130	Principles of Microeconomics	3	ECON 101
ACC 131	Principles of Accounting I	4	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
ART 203	Art History I	3	ART H 280
ART 204	Art History II	3	ART H 281

LIT 101	Introduction to Literature	3	ENGL 201
LIT 105	Children's Literature	3	HD FS 240
HIS 110	West Civilization: Ancient to Early Modern	3	HIST 201
HIS 111	West Civilization: Early Modern to Present	3	HIST 202
HIS 151	U.S. History to 1877	3	HIST 221
HIS 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

^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
ART 203	Art History I	3	ART H 280
ART 204	Art History II	3	ART H 281
HIS 110	West Civilization: Ancient to Early Modern	3	HIST 201
HIS 111	West Civilization: Early Modern to Present	3	HIST 202
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)

LIT 105	Children's Literature	3	HD FS 240
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>

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