

# Southeastern Community College Transfer Guide

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

## AGRICULTURAL SYSTEMS TECHNOLOGY CURRICULUM

SECC 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 SECC, 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>SECC Courses</i>	<i>Title</i>	<i>Cr.</i>	<i>ISU Course</i>		
<b><u>Interpersonal and Public Communication Skills</u></b>					
ENG 105	Composition I	3	ENGL 150		
ENG 106	Composition II	3	ENGL 250		
SPC 112	Public Speaking	3	SP CM 212		
<b><u>Mathematical, Physical, and Life Science</u></b>					
MAT127	College Algebra and Trigonometry	5	MATH 142	}	
MAT 170	Calculus for the Life Sciences	4	MATH 160		
	<b>OR</b>				
MAT 210	Calculus I	4	MATH 165	}	
PHY 160	General Physics I	5	PHYS 111		
MAT 156	Statistics	3	STAT 104		
Credit in CHEM 177&177L will meet the requirement for CHEM 163&163L	}	CHM 165	General Chemistry I	4	CHEM 177
			General Chemistry I Lab	1	CHEM 177L
	BIO 109	Concepts of Life	4	BIOL 101	
	<b>OR</b>				
	BIO 112	General Biology I	4	BIOL 2T**	}
	<b>OR</b>				
	BIO 113	General Biology II	4	BIOL 2T**	

**Math Requirement:**  
 - Math 142 & 160 in combination **OR**  
 - Math 165 alone

Either BIO 112 or 113 will count for BIOL 211

### 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](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 142	Financial Accounting	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 <sup>a</sup>

(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 131	World Civilization I	3	HIST 201
HIS 132	World Civilization II	3	HIST 202
HIS 151	United States History to 1877	3	HIST 221
HIS 152	United States History since 1877	3	HIST 222
PHI 101	Introduction to Philosophy	3	PHIL 201
PHI 105	Introduction to Ethics	3	PHIL 230
<b>OR</b>			
PHI 122	Philosophy of Contemporary Issues	3	PHIL 230
DRA 101	Introduction to Theatre	3	THTRE 106

<sup>a</sup> 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 <sup>b</sup>**

(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
HIS 131	World Civilization I	3	HIST 201
HIS 132	World Civilization II	3	HIST 202
FLF 142	Elementary French II	4	FRNCH 102
FLG 142	Elementary German II	4	GER 102

<sup>b</sup> 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 <sup>c</sup>**

(3 credits needed)

EDU 247	Teaching Exceptional Learners	3.5	SP ED 250
LIT 105	Children's Literature	3	HD FS 240
SOC 115	Social Problems	3	SOC 235

<sup>c</sup> 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>

#### **Option Core for Management**

AGB 330	Farm Business Management	3	ECON 230
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#### **Option Core for Machine Systems**

CSC 140	Computer Fundamentals	3.5 or 4	TSM 216
MFG 546	Statics/Strength of Materials	3	TSM 443

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