

# Des Moines Area Community College Transfer Guide

DMACC / Iowa State University  
Department of Agriculture and Biosystems Engineering

## AGRICULTURAL SYSTEMS TECHNOLOGY CURRICULUM

DMACC Catalog; ISU 2023-2024 Catalog

- The transfer plan should be a guide only and not replace consultation with an adviser at your current institution and ISU.
- To compare ISU courses with transfer courses from DMACC, you can access the transfer equivalency guide at: <http://www.admissions.iastate.edu/equiv/index.php?state=iowa>.
- This resource should be used in conjunction with a 4-year plan, ensuring the class you are referencing below is required for your AST degree and preferred option.
  - AST – Machine Systems (MS) Option 4 Year Plan - <https://www.abe.iastate.edu/files/2023/09/AST-MS-23-24-4-YEAR-PLAN-92123.pdf>
  - AST – Ag and Biosystems Management (ABM) Option 4 Year Plan - <https://www.abe.iastate.edu/files/2023/09/AST-ABM-23-24-4-YEAR-PLAN.pdf>

<i>DMACC Courses</i>	<i>Title</i>	<i>Cr.</i>	<i>ISU Course</i>
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### Communication / Library

ENG 105	Composition I	3	ENGL 150
ENG 106	Composition II	3	ENGL 250
SPC 101	Fundamentals of Oral Communication	3	SP CM 212
SDV 171	Library Instruction	1	LIB 160

### Math, Stats, Biology, and Physical Sciences

Has  
transferred as  
MATH 145 in  
the past

← MAT 164	Calculus for Business/Social Science	4	MATH 151	Credit for Math 165 is not req. But it fulfills requirement for Math 145 & 151 at ISU.
MAT 130	Trigonometry	3	MATH 1T**	
MAT 211	Calculus 1	5	MATH 165 →	
MAT 156	Statistics	3	STAT 104	
PHY 160	General Physics I	5	PHYS 131 & 131L	
CHM 165	General Chemistry I	4	CHEM 177	Credit in CHEM 177&177L will meet the requirement for CHEM 163&163L
	General Chemistry I Lab	1	CHEM 177L	
BIO 104	Introductory Biology w/lab	3	BIOL 101	
	<b>OR</b>			
BIO 112	General Biology I	4	BIOL 2T**	Either BIO 112 or 113 will count for BIO 211 & 211L
	<b>OR</b>			
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](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. Below are two popular options from DMACC that will meet this requirement.

AGS 113	Survey of the Animal Industry	3	ANS 114
AGA 114	Principles of Agronomy	3	AGRON 181

### Business and Social Sciences

AGB 101	Agricultural Economics	3	ECON 101
	<b>OR</b>		
ECN 130	Principles of Microeconomics	3	ECON 101
ACC 131	Principles of Accounting I	3	ACCT 284

### **Humanities Electives**

(3 credits needed)

For a complete list of **Humanities** courses at ISU please visit: <https://www.cals.iastate.edu/student-services/humanities>. Compare this list with the Transfer Equivalency Guide for your institution to choose your 3 credits of Humanities. Below are some popular options from DMACC that will meet this requirement.

HIS 110	West Civ: Ancient to Early Modern	4	HIST 201
HIS 111	West Civ: Early Modern to Present	4	HIST 202
HIS 151	U.S. History to 1877	4	HIST 221
HIS 152	U.S. History since 1877	4	HIST 222
MUS 100	Music Appreciation	3	MUSIC 102
REL 101	Survey of World Religions	3	RELIG 205

### **International Perspective Electives**

(3 credits needed)

For a complete list of **International Perspective** courses at ISU please visit: <https://www.registrar.iastate.edu/students/div-ip-guide/IntlPerspectives-current>. Compare this list with the Transfer Equivalency Guide for your institution to choose your 3 credits of International Perspectives. Below are some popular options from DMACC that will meet this requirement. Note that if the class is in **bold**, then it meets both the Humanities and International Perspective requirements at ISU.

<b>HIS 110</b>	<b>Western Civ: Ancient to Early Modern</b>	<b>4</b>	<b>HIST 201</b>
<b>HIS 111</b>	<b>Western Civ: Early Modern to Present</b>	<b>4</b>	<b>HIST 202</b>
<b>MUS 100</b>	<b>Music Appreciation</b>	<b>3</b>	<b>MUSIC 102</b>
POL 121	International Relations	3	POL S 121
POL 125	Comparative Government & Politics	3	POL S 125
<b>REL 101</b>	<b>Survey of World Religions</b>	<b>3</b>	<b>RELIG 205</b>

### **US Diversity Electives**

(3 credits needed)

For a complete list of **US Diversity** courses at ISU please visit: <https://www.registrar.iastate.edu/students/div-ip-guide/usdiversity-courses>. Compare this list with the Transfer Equivalency Guide for your institution to choose your 3 credits of US Diversity. Below are some popular options from DMACC that will meet this requirement.

LIT 105	Children's Literature	3	HD FS 240
PSY 261	Human Sexuality	3	HD FS 276
SOC 115	Social Problems	3	SOC 235

### **Option Core for ABM Option**

AGB 330	Farm Business Management	3	ECON 230
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***A MAXIMUM OF 65 COMMUNITY COLLEGE CREDITS CAN BE APPLIED TOWARDS YOUR MAJOR AT IOWA STATE UNIVERSITY***