



METROPOLITAN
COMMUNITY COLLEGE



**SCIENCE, TECHNOLOGY,
ENGINEERING & MATH**

Academic & Career **PATHWAYS**

Associate of Applied Science (A.A.S.) Agriculture: Animal Science Emphasis Part Time – Advising Guide

The A.A.S. in Agriculture-Animal Science emphasis serves students pursuing a degree and employment in livestock production, nutrition, meat science, and veterinary science while also creating a transfer pathway for students to earn advanced degrees in agriculture at universities.

	Course	Degree Requirements Met	Credits	Action Steps
Semester 1				
☐	MATH 120_College Algebra	General Education	3	▪ Meet with Student Success Advisor to build degree plan
☐	AGRI 102_ Introduction to Agribusiness	Program Requirement	3	
☐	AGRI100_ Introduction to Agriculture	Program Requirement	3	
Total Semester Credits			9	
Semester 2				
☐	BIOL 101_General Biology	Program Requirement	5	▪ Meet with Student Success Advisor
☐	AGRI 130_Agribusiness Management	Program Requirement	3	
Total Semester Credits			8	
Semester 3				
☐	ENGL 101_Composition & Reading I	General Education	3	▪ Meet with Student Success Advisor
☐	COMM 100_Fundamentals of Speech	General Education	3	
☐	ANHS 130_Veterinary Terminology	Program Requirement	2	
Total Semester Credits			8	
Semester 4				
☐	ENGL 102_Composition & Reading II	General Education	3	▪ Meet with Student Success Advisor
☐	AGRI 142_Meat Science	Program Requirement	3	
☐	AGRI 140_Animal Science	Program Requirement	4	
Total Semester Credits			10	
Semester 5				
☐	CHEM 111_General College Chemistry I	Program Requirement	5	▪ Meet with Student Success Advisor ▪ Research/contact transfer institutions
☐	AGRI 200_Global Agriculture	Program Requirement	3	
Total Semester Credits			8	
Semester 6				
☐	AGRI 245_Animal Reproduction	Program Requirement	3	▪ Meet with Student Success Advisor ▪ Meet with Career
☐	PHIL 203_Ethics	General Education	3	



METROPOLITAN
COMMUNITY COLLEGE



**SCIENCE, TECHNOLOGY,
ENGINEERING & MATH**

Academic & Career PATHWAYS

☐	Humanities & Fine Arts Course, CORE 42 Approved Choose one	Humanities & Fine Arts	3-5*	▪ Apply for admission at transfer institution ▪ Apply for scholarships at transfer institution
Total Semester Credits			8 - 13	
▪ Semester 7				
☐	AGRI 229_Pest Management AGRI 240_Animal Nutrition or BIOL 208_Microbiology Choose one	Program Requirement	3-4*	▪ Meet with Student Success Advisor ▪ Complete Civics Exam with 70% or higher ▪ Apply for Graduation ▪ Apply for jobs
☐	AGRI 270_Leadership in Agriculture	Program Requirement	3	
	HIST 120_United States History to 1865 HIST 121_United States History since 1865 or POLS 136_Introduction to U.S. National Politics Choose one	American Institutions/ Civics	3	
Total Semester Credits			9 - 11	
Credits Required for A.A.S. Degree			60	
<i>*The A.A.S. in Animal Science requires a minimum of 60 total credits to graduate. When selecting a course from multiple options, please consider the number of credits for each course to ensure meeting the minimum requirements for graduation.</i>				

This Pathway Map is an advising tool designed for part-time students and identifies the course recommendations for timely degree completion. All pathway maps can be modified to fit the individual needs of students. All students are encouraged to meet with their success advisor to develop an individualized completion plan that best meets their goals, interests, and objectives. Degree requirements and prerequisite information can be found here: <https://mcckc.edu/programs/agriculture>.
<https://mcckc.elumenapp.com/catalog/2025-2026/program>

Please note:

Courses may require a prerequisite or appropriate placement, see the [Academic Catalog](#) for additional information.