



METROPOLITAN
COMMUNITY COLLEGE



**SCIENCE, TECHNOLOGY,
ENGINEERING & MATH**

Academic & Career **PATHWAYS**

Associate of Applied Science (A.A.S.) Agriculture Animal Science Emphasis Full 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				
☐	ENGL 101_Composition & Reading I	General Education	3	Meet with Student Success Advisor to build degree plan
☐	BIOL 101_General Biology	Program Requirement	5	
☐	MATH 120_College Algebra	General Education	3	
☐	AGRI 102_Introduction to Agribusiness	Program Requirement	3	
☐	AGRI 100_Introduction to Agriculture	Program Requirement	3	
Total Semester Credits			17	
Semester 2				
☐	AGRI 130_Agribusiness Management	Program Requirement	3	- Meet with Student Success Advisor - Research/contact transfer institutions - Complete Civics Exam with 70% or higher
☐	COMM 100_Fundamentals of Speech	General Education	3	
☐	ENGL 102_Composition & Reading II	General Education	3	
☐	ANHS 130_Veterinary Terminology	Program Requirement	2	
☐	AGRI 140_Animal Diseases of Canine, Feline, and Exotic Pets	Program Requirement	4	
Total Semester Credits			15	
Semester 3				
☐	CHEM 111_General College Chemistry I	Program Requirement	5	- Meet with Student Success Advisor - Meet with Career Center - Apply for admission at transfer institution - Apply for scholarships at transfer institution
☐	AGRI 200_Global Agriculture	Program Requirement	3	
☐	AGRI 142_Meat Science	Program Requirement	3	
☐	AGRI 245_Animal Reproduction	Program Requirement	3	
Total Semester Credits			14	
Semester 4				
☐	AGRI 229, AGRI 240, or BIOL 208	Program Requirement	3 - 5*	Meet with Student Success Advisor
☐	AGRI 270_Leadership in Agriculture	Program Requirement	3	



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☐	PHIL 203_ Ethics	General Education	2 - 5*	▪ Apply for Graduation ▪ Apply for jobs
☐	Humanities & Fine Arts Course, CORE 42 Approved Choose one	General Education	3 - 5*	
☐	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			14 - 21	
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 full-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: [Agriculture - Animal Science Emphasis - A.A.S. Degree](#)

Please note:

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