METROPOLITAN COMMUNITY COLLEGE

SCIENCE, TECHNOLOGY, ENGINEERING & MATH

Academic & Career PATHWAYS

Associate in Science (A.S.)

Biology: Pre-Veterinary Emphasis – Full-time Advising Guide

The Associate in Science degree program prepares students to transfer to a four-year institution to major in Biology or Chemistry.

*You must be admitted into this program, see website for admission requirements.

	Course	Degree Requirements Met	Credits	Action Steps
Semester 1				
☐	CHEM 111 General College Chemistry I	Program Requirement	5	• Meet with Student Success Advisor to build degree plan • Apply to program
☐	BIOL 106 General Zoology	Program Requirement	5	
☐	ENGL 101 Composition & Reading I	General Education Requirement	3	
☐	MATH 120 College Algebra	Program Requirement	3	
		Total Semester Credits	**16**	
Semester 2				
☐	ENGL 102 Composition & Reading II	General Education Requirement	3	• Meet with Student Success Advisor • Complete Civics Exam with 70% or higher
☐	COMM 100 Fundamentals of Speech	General Education Requirement	3	
☐	CHEM 112 General College Chemistry II	Program Requirement	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***	General Education Requirement/Civics	3	
		Total Semester Credits	**14**	
Semester 3				
☐	MATH 115 Statistics	General Education Requirement	3	• Meet with Student Success Advisor • Meet with Career Center
☐	BIOL 104 General Botany	General Education Requirement	5	
☐	CHEM 221 Organic Chemistry I	Program Requirement	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***	General Education Requirement/Civics	3	
		Total Semester Credits	**16**	
Semester 4				
☐	BIOL 208 Microbiology	Program Elective	5	• Meet with Student

☐	CHEM 222 Organic Chemistry II	Program Requirement	5	Success Advisor • Apply for Graduation • Apply for jobs
☐	ELECTIVE ***Choose any course 100 level or higher if semester total is less than 15***	Elective	1-5*	
☐	PHIL 100 Introduction to Philosophy	General Education Requirement/Humanities Elective	3	
		Total Semester Credits	**14-18**	
		Credits Required for A.A.S. Degree	**60***	
** *The A.S. degree requires a minimum of 60 credits to graduate. When selecting courses from multiple options, please consider the number of credits for the course in your planning.*				

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: Biology

Please note:

- Courses may require a prerequisite or appropriate placement, see the Academic Catalog for additional information.
  - This is a selective admissions program to which students must apply and be admitted. Please see the website for admission requirements.