

Available in comprehensive high schools

Animal & Veterinary Science



The Animal and Veterinary Science curriculum is delivered through a sequence of four classes: Intro to Agriscience and Technology, Animal Care & Management, Veterinary Science, and Work Based Learning (WBL) Experience. These courses are designed to provide students with the knowledge and understanding of veterinary practices in small and large animals. One credit of an Agricultural Cooperative Work Experience will be done at a veterinary clinic or related facility pending students meeting the WBL grade, attendance, and discipline requirements.

Major Units of Study

- Animal care and health of popular species
- Animal digestion and nutrition
- Reproduction and breeding/genetics
- Animal breeds
- Anatomy and physiology of animals
- Common diseases of animals
- Handling and housing of animals
- Veterinary equipment
- Euthanasia
- Veterinary office practices
- Work based learning experience

Related Careers

- Animal Groomer
- Veterinarian
- Veterinary Pathologist
- Veterinary Technician



Post-Secondary

- Qualified students can earn 2 college credits through an articulation with the Community College of Baltimore County, Essex
- College
- Technical Schools/Technical Certification



COMPLETER: *Animal & Veterinary Science*

CREDITS: 4

- Guideline for Course Selections
- Refer to Graduation Requirements in the Program of Studies for specific course requirements in each content area

Grade à	9	10	11	12
Exact scheduling depends on student’s plan and school’s master schedule.	English 9 (1)	English 10 (1)	English 11 (1)	English 12 (1)
	US Government (1)	US History (1)	World History (1)	
	Conceptual Physics (1)	Chemistry (1)	Biology (1)	
	Algebra I / Data Analysis (1)	Intermediate Algebra / Data Analysis (1)	Geometry (1)	Algebra II / Data Analysis (1)
	PE (.5) / Health (.5)		PE (.5) / Financial Literacy (.5)	
	Fine Arts (1)	Foundations of Technology (1)		
	World Language (1)	World Language (1)		
Completer Program Requirements	Intro to Agriscience & Technology (1)	Animal Care & Management (1)	Veterinary Science (1)	Internship (1)
Career Specific Electives (may be taken any year offered after prerequisites have been satisfied)	Equine Science (.5), Technological Issues and Impacts (1), Math Elective beyond Alg./DA – Course 3 (.5-1), Biology II (1), AP Biology (1), AP Chemistry (1), Psychology I or Honors Psychology I (1), Public Speaking (.5), Sociology (.5)			
8 credits possible per year				
Value Added: From: Program:	2 Articulated credits The Community College of Baltimore County, Essex Veterinary Technology			

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