

# ANIMAL VETERINARY SCIENCES - ASSOCIATE OF SCIENCE DEGREE (AS)

Explore More About This Program: <https://cwi.edu/program/animal-veterinary-sciences>

## Degree Quick Facts

- **Instructional School:** Science, Technology, and Math
- **Department:** Agricultural Sciences
- **Program Code:** VET-SCI.AS
- **Program Type:** Academic Transfer
- **Available Fully Online:** No
- **Eligible for Federal Financial Aid:** Yes

NOTE: Courses required for this program *may* have an additional fee; more information can be found on the [Special Course Fees](#) web page.

## Degree Requirements

Course	Course Title	Min Credits
<b>General Education Requirements</b>		
CWI 101	Connecting With Ideas	3
AGRI 120	Global Food Perspectives - Farm to Plate (Global Perspectives)	3
<a href="#">GEM 1 - Written Communication course</a>		3
<a href="#">GEM 1 - Written Communication course</a>		3
<a href="#">GEM 2 - Oral Communication course</a>		3
Select one of the following (GEM 3):		3-5
MATH 143	Precalculus I: Algebra	
MATH 147	Precalculus	
MATH 160	Survey of Calculus	
MATH 170	Calculus I	
AGRI 109	Principles of Animal Science (GEM 4)	3
AGRI 109L	Principles of Animal Science Lab (GEM 4)	1
BIOL 111	Biology I (GEM 4)	3
BIOL 111L	Biology I Lab (GEM 4)	1
<a href="#">GEM 5 - Humanistic &amp; Artistic Ways of Knowing course</a>		3
<a href="#">GEM 5 - Humanistic &amp; Artistic Ways of Knowing course</a> <sup>1</sup>		3
SCIE 102	Ethics in Science (GEM 6) <sup>2</sup>	3
<a href="#">GEM 6 - Social &amp; Behavioral Ways of Knowing course</a> <sup>1</sup>		3
<b>Major Requirements</b>		
AGRI 271	Animal Anatomy and Physiology	3
AGRI 271L	Animal Anatomy and Physiology Lab	1
AGRI 290	Agricultural Science Capstone	2
BUSA 201	Business Communication and Professionalism	3
or ENGL 202	Technical Communication	
Select 11-13 credits from the Major Electives course list below to bring the total credits earned to 60		11-13
<b>Minimum Credit Hours Required</b>		<b>60</b>

<sup>1</sup> Course must come from a different discipline.

<sup>2</sup> This course fulfills the Ethical Reasoning requirement for an associate degree from CWI.

## ANIMAL VETERINARY SCIENCES: MAJOR ELECTIVES

Select **11-13 credits** from the following list to bring the total credits earned to 60. To determine which electives are most appropriate, consult your advisor and refer to the applicable 2+2 guide:

Course	Course Title	Min Credits
AGRI 278	Farm and Agribusiness Management	3
AGRI 289	Agricultural Markets	3
BIOL 112	Biology II	3

BIOL 112L	Biology II Lab	1
CHEM 101	Introduction to Chemistry	3
CHEM 101L	Introduction to Chemistry Lab	1
CHEM 102	Essentials of Organic and Biochemistry	4
CHEM 102L	Essentials of Organic and Biochemistry Lab	1
CHEM 111	General Chemistry I	3
CHEM 111L	General Chemistry I Lab	1
CHEM 112	General Chemistry II	3
CHEM 112L	General Chemistry II Lab	2
CHEM 253	Quantitative Analysis	3
CHEM 253L	Quantitative Analysis Lab	2
CHEM 298	Organic Chemistry I	3
CHEM 298L	Organic Chemistry I Lab	2
MATH 144	Precalculus II: Trigonometry	2
MATH 153	Statistical Reasoning	3
MATH 170	Calculus I <sup>1</sup>	5
MMBS 111	Introductory Microbiology	3
MMBS 111L	Introductory Microbiology Lab	1
PHYS 111	General Physics I <sup>2</sup>	3
PHYS 111L	General Physics I Lab <sup>2</sup>	1
PHYS 112	General Physics II	3
PHYS 112L	General Physics II Lab	1
PHYS 211	Physics for Scientists and Engineers I <sup>2</sup>	4
PHYS 211L	Physics for Scientists and Engineers I Lab <sup>2</sup>	1

<sup>1</sup> MATH 170 Calculus I will not fulfill both the GEM 3 requirement and the elective requirement.

<sup>2</sup> Complete either PHYS 111 and PHYS 111L **OR** PHYS 211 and PHYS 211L.