

# 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:** Math and Science
- **Department:** Agricultural Sciences
- **Program Code:** VET-SCL.AS
- **Program Type:** Academic Transfer
- **Available Fully Online:** No
- **Eligible for Federal Financial Aid:** Yes

## Degree Requirements

Course	Course Title	Min Credits
<b>General Education Requirements</b>		
<i>Complete the following course to fulfill the Connecting with Ideas requirement:</i>		
CWI 101	Connecting With Ideas	3
<i>Complete the following courses to fulfill the GEM 1 requirement:</i>		
<u>GEM 1 - Written Communication course</u>		3
<u>GEM 1 - Written Communication course</u>		3
<i>Complete the following course to fulfill the GEM 2 requirement:</i>		
<u>GEM 2 - Oral Communication course</u>		2
<i>Complete one of the following courses to fulfill the GEM 3 requirement:</i>		
Select one of the following:		3-5
MATH 143	College Algebra	
MATH 147	College Algebra and Trigonometry	
MATH 160	Survey of Calculus	
MATH 170	Calculus I	
<i>Complete the following courses to fulfill the GEM 4 requirement:</i>		
AGRI 109	Principles of Animal Science	3
AGRI 109L	Principles of Animal Science Lab	1
BIOL 111	Biology I	3
BIOL 111L	Biology I Lab	1
<i>Complete the following courses to fulfill the GEM 5 requirement:</i>		
<u>GEM 5 - Humanistic &amp; Artistic Ways of Knowing course</u>		3
<u>GEM 5 - Humanistic &amp; Artistic Ways of Knowing course</u> <sup>1</sup>		3
<i>Complete the following courses to fulfill the GEM 6 requirement:</i>		
SCIE 102	Ethics in Science <sup>2</sup>	3
<u>GEM 6 - Social &amp; Behavioral Ways of Knowing course</u> <sup>1</sup>		3
<i>Complete the following course to fulfill the Global Perspectives requirement:</i>		
AGRI 120	Global Food Perspectives - Farm to Plate	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 12-14 credits from the Major Electives course list below to bring the total credits earned to 60		12-14
<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 12-14 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	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
MMBS 250	General Microbiology	3
MMBS 250L	General 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.