

California State University, Fresno  
 Department of Animal Sciences and Agricultural Education  
 Program Planning Guide

B.S. Degree in Animal Science - Science Option  
 Pre-Vet and Veterinary Preparation  
 2021/22 to current Catalog Years - Revised: April 2021

<u>Course</u>	<u>Fall Semester</u>	<u>Units</u>	<u>Course</u>	<u>Spring Semester</u>	<u>Units</u>
		<u>Freshman Year</u>			
___ GE – A2 - Engl 5A & 5B or 10		3	___ GE – A1 - Comm 3, 7 or 8		3
___ GE – B4 – Quant. Reas. – Math 11 or DS 71		3	___ GE - D1 - History 11 or 12		3
___ GE – A3 - Critical Thinking – N Sci 4**		3	___ GE - C1 - Arts		3
___ GE – E - A Sci 67**		3	___ GE – B1 – Chem 1A and 1AL*		
	5				
___ A Sci 1 (grade of C or better)*		3	___ A Sci 12, 21, 31, 41, 51, 61, or 91		
	3				
___ A Sci 68*		1			17
		16			

**Note:**  
 Complete your My Degree Plan  
 better  
 requirement

**Note:**  
 Complete all Foundation GE courses  
 (A1, A2, A3 & B4) with a grade of C or  
 Complete A Sci 1 with a grade of C or better  
 Complete 2<sup>nd</sup> semester freshman advising

**Sophomore Year**

___ A Sci 12, 21, 31, 41, 51, 61, or 91	3	___ GE – C2 - Humanities	3
___ A Sci 35	3	___ GE – F – Ethnic Studies	3
___ GE B2 - Biol 1A*	4	___ GE – D2 - Ag Bs 1** or Econ 40**	3
___ Chem 1B & 1BL	5	___ Biol 20	3
	15	___ Biol 1B & 1BL	4
			16

**Note:**  
 Start developing professional resume  
 Attend career fairs and seek internship/industry  
 experience opportunities

**Note:**  
 Attend career fairs and seek internship/industry  
 experience opportunities  
 Transition from Pre-Vet Admissions to Veterinary  
 Preparation Option (Pre-Vet students only)

**Junior Year**

___ GE – Additional C1** or C2	3	___ Upper Division Writing Exam (UDWE)	3
___ A Sci 71	3	___ A Sci 101	4
___ A Sci 125	3	___ A Sci 145	3
___ A Sci 155	3	___ Chem 128B	2
___ Chem 128A	3	___ Chem 129A	3
	15	___ Grad Requirement – PLSI 2	15
	15		17

**Note:**

Complete your My Degree Plan (transfer students only)  
Attend career fairs and seek internship/industry  
experience opportunities

**Note:**

Complete GE ePortfolio and mandatory advising  
requirements  
Attend career fairs and seek internship/industry  
experience opportunities  
Fulfill upper division writing requirement

<u>Fall Semester</u>		<u>Spring Semester</u>	
<u>Course</u>	<u>Units</u>	<u>Course</u>	<u>Units</u>
<u>Senior Year</u>			
___ GE ID -- Anth 116W	3	___ GE – IC	3
___ Chem 150	3	___ GE – IB - Plant 105**	3
___ A Sci 135	3	___ Phys 2A	4
___ A Sci 165	3	___ A Sci 156	1
___ A Sci 186	<u>1</u>	___ Elective	<u>1</u>
	13		12

**Note:**

Verify all graduation requirements will be met  
by end of spring semester

**Note:**

Apply for graduation (See university calendar  
for due date)

\* Major Requirements that must be completed with a grade of C or better in order to gain admission into  
Veterinary

Preparation option

\*\* Recommended Course

\*\*\*Waive MI Grad Requirement

Courses NOT REQUIRED for graduation, but may be required for admission into specific Veterinary Schools:

Phys 2B

Stats – Math 11 or Math 101

Be sure to check individual Veterinary Medicine Schools of interest for any additional course requirements  
necessary to gain admission.

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In order to gain admission into the Animal Science Veterinary Preparation major and enroll in upper-division  
animal science courses, students must do the following:

a. Complete the following courses or their equivalents with a C or better in each course, CR/NC grades are not  
acceptable:

A Sci 1 - Introduction to Animal Science

A Sci 68 - Pre-Vet Orientation

Biol 1A and 1AL - Introductory Biology and Lab

Chem 1A and 1AL - General Chemistry and Lab

- b.** Have a cumulative grade point average of at least 3.2
- c.** Submit a Change of Major Request form requesting admission into the Veterinary Preparation major. Students may obtain this form from the Animal Science and Agricultural Education Department office in the Agricultural Science Building room 232 or online at [www.fresnostate.edu/studentaffairs/are/forms/](http://www.fresnostate.edu/studentaffairs/are/forms/)