



# Equine Science A.S. Degree - Animal Science

Equine Science is the study of the principles behind the horse's biology, function, and management. Many Equine Science graduates aim for a future in horse farm management at breeding facilities, lesson barns, and race and show training stables.

**Total Units: 57.5-63**

## First Year

### Semester 1

**15-16 Units**

COURSE	UNITS	PRE-REQS <sup>^</sup>	SEMESTERS OFFERED*	GE AREA
<b>ANSC 301</b> Introduction to Equine Science	3		F(O only)	CRC Area IV
<b>AGB 310</b> Agriculture Computer Applications	3		F	
<b>CRC Area I-Humanities</b> <sup>Z</sup>	3		F, S, Su	CRC Area I
<b>CRC Area II(a)-Writing Competency</b> <sup>Z</sup>	3	Recommend meeting with a counselor	F, S, Su	CRC Area II(a)
<b>CRC Area II(b)-Math Competency</b> <sup>Z</sup>	3-4	Recommend meeting with a counselor	F, S, Su	CRC Area II(b)

<sup>Z</sup> At least one section of this course is offered with free textbooks and is labeled as zero textbook costs (ZTC). If it is a GE area class or elective, there may be several ZTC offerings to fulfill the GE requirement. Use the Free Textbook filter to find these courses. Learn more on the [ZTC page of the college website](#).

### Semester 2

**14-15 Units**

COURSE	UNITS	PRE-REQS <sup>^</sup>	SEMESTERS OFFERED*	GE AREA
<b>ANSC 302</b> Equine Reproduction	2		S	
<b>ANSC 305</b> Equine Health	3		S	
<b>CRC Area V(b)-Social &amp; Behavioral Sciences</b> <sup>1</sup> <sup>Z</sup>	3		F, S, Su	CRC Area V(b)
<b>CRC Area III(a)-Physical Edu Activity</b> <sup>Z</sup>	1		F, S, Su	CRC Area III(a)
<b>Elective</b> <sup>2</sup>	3		F, S, Su	
<b>Elective</b> <sup>3</sup>	2-3		F, S, Su	

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## Career

### Options/Outlook:

First-line Supervisor of animal husbandry and animal care workers have direct supervision and coordinate activities of animal husbandry or animal care workers. Typical tasks may include assigning tasks such as feeding and treatment of animals, and cleaning and maintenance of animal quarters; observing animals for signs of illness, injury, or unusual behavior, notifying veterinarians or managers as warranted; monitoring animal care, maintenance, breeding, or packing and transfer activities to ensure work is done correctly; treating animal illnesses or injuries following experience or instructions of veterinarians. **Career opportunities may require more than an associate degree.**

### A sample of reported job titles:

Animal Care Supervisor, Animal Caretaker Supervisor, Broiler Supervisor, Cattle Manager, Facility Manager, Facility Supervisor, Feed Manager, Horse Farm Manager, Research Animal Facility Supervisor, Sow Farm Manager

### Projected job opening in California (2020-2030):

2,590

### Projected job openings in California (2020-2030):

8% growth

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<sup>1</sup> Suggestion-AGB 321 Ag Econ, F, S, Su.

<sup>2</sup> Units needed to total 60 units for graduation. Refer to [Course Number](#) for appropriate course level necessary for the degree.

<sup>3</sup> Units required are determined by the number of units needed to total 60 units for graduation. Refer to [Course Number](#) for the appropriate course level necessary for the degree.

## Year 2

### Semester 3

13 Units

COURSE	UNITS	PRE-REQS <sup>^</sup>	SEMESTERS OFFERED*	GE AREA
<b>ANSC 303</b> Equine Business Management	3		F, S	
<b>ANSC 307</b> Farrier Science	3		F	
<b>AGB 320</b> Agriculture Accounting	3		F	
<b>AGB 331</b> Agriculture Marketing <b>or</b>	3		F, S	
<b>AGB 330</b> Agriculture Sales and Communication	3		F, S	
<b>ANSC 306</b> <sup>(Z)</sup> Basic Equine Handling	1		F	

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### Semester 4

15.5-19 Units

COURSE	UNITS	PRE-REQS <sup>^</sup>	SEMESTERS OFFERED*	GE AREA
<b>ANSC 300</b> <sup>(Z)</sup> Introduction to Animal Science	3		F, S	CRC Area IV
<b>ANSC 304</b> Livestock Feeding and Nutrition	3		S	
<b>AGB 331</b> <sup>1</sup> Agriculture Marketing <b>or</b>	3		F, S	
<b>AGB 330</b> <sup>1</sup> Agriculture Sales and Communication	3		F, S	
<b>ANSC 498</b> <sup>(Z)</sup> Work Experience in Animal Science	0.5-4		F, S, Su	CRC Area III(b)

## Median Salary in California with advanced degree (2021):

\$47,960/yr

### Source:

<https://www.onetonline.org/link/summary/45-1011.08>

### Honors option:

The CRC Honors Program is designed specifically for academically accomplished students and for students with the potential for high achievement. Students who complete 15 units or more in honors-designated courses will earn special recognition as an Honors Scholar, a distinction that may entitle the student to guaranteed transfer and scholarship opportunities at select transfer colleges and universities.

### Transfer notes:

Please meet with a counselor for specific transfer course evaluation or transferring to a specific 4-year institution.

### General Education (GE):

Non-specified GE courses identified by CRC Area, CSU Area or IGETC Area without pre- or co-requisite can be taken at any semester.

### About this map:

This program map represents one possible pathway to complete the program. Please see a counselor to create an education plan that is customized to meet your needs. This map is not a guarantee of course

availability or financial aid applicability.

COURSE	UNITS	PRE-REQS <sup>^</sup>	SEMESTERS OFFERED*	GE AREA
<b>CRC Area VI-Ethnic/ Multicultural Studies</b> <b>Z</b>	3		F, S, Su	CRC Area VI
<b>CRC Area V(a)- American Institutions</b> <b>Z</b>	3		F, S, Su	CRC Area V(a)

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<sup>^</sup>You must have passed the prerequisite course(s) with a “C” or better; Corequisite must be taken during the same semester; Advisory means it is recommended but not required to enroll in the course.

\*(O) = online available. (P) = partially online

<sup>1</sup> Enroll in the course not taken in Semester 3.

## Zero Textbook Costs (ZTC):

The Zero Textbook Costs designation and logo are added to any course that provides free access to all required instructional materials. These are typically shared with students through Canvas. Courses that are designated as ZTC may still require students to purchase supplemental materials such as lab coats, a calculator, art supplies, etc. See full definitions and searching tips on the [Zero Textbook Costs page](#) of the college website.