

ASSOCIATE OF SCIENCE IN ANIMAL SCIENCE (AS)

This degree prepares students for entry-level employment in the field of Animal Science through the study of animal health and production and will acquire skills in livestock husbandry, including livestock evaluation and handling, nutrition, production management and veterinary care.

Program Outcomes

- Demonstrate knowledge, practical skills and abilities in animal health, ethology, housing and environment, food products, genetics, nutrition, and reproduction to successfully work in the animal agriculture industry.
- Identify and operate equipment and technology commonly used in the animal agriculture industry.
- Communicate professionally both in oral and written formats demonstrating sound knowledge of the animal agriculture industry in that communication.
- Describe and develop the necessary skills and requirements for pursuing careers in animal agriculture industry.
- Ability to organize, interpret, and communicate relevant data utilizing scientific methodology and critical thinking.

Career Opportunities

Upon successful completion of this degree, students will be prepared for careers or employment in the following fields: livestock operator, meat inspector/grader, feed salesman, pharmaceutical sales, livestock service and support staff, barn/ranch manager, livestock procurement.

Note

This degree is not designed for transfer; however, the courses included in this degree may be transferable and apply to other degrees designed for transfer.

Program Requirements

Code	Title	Units
GENERAL EDUCATION AND SUBJECT REQUIREMENTS		25
College of the Sequoias Associate Degree General Education (COS-GE)		
+		
REQUIRED MAJOR COURSES		21
AGMT 103	Introduction to Agriculture Business	3
AGMT 108	Ag Business Computer Applications	3
ASCI 001	Introduction to Animal Science	3
ASCI 002	Livestock Selection/Evaluation	3
or ASCI 130	Equine Evaluation	
ASCI 103	Feeds and Feeding	3
ASCI 104	Livestock Disease and Sanitation	3
WEXP 193F	Agriculture Work Experience – First Semester	3
+		
RESTRICTED ELECTIVES		9
Select three of the following courses:		
ASCI 022	Horse Husbandry	3
ASCI 110	Swine Science	3

ASCI 111	Beef Cattle Science	3
ASCI 112	Small Ruminant Science	3
ASCI 113	Farm Animal Biology	3
ASCI 118	Introduction to Dairy Science	3
ASCI 123	Horse Production	3
ASCI 126	Meat Science	3
ASCI 202	Applied Food Safety Management	3
ASCI 224	Livestock Merchandising	2
VT 109	Introduction to Veterinary Technology	3
+		
ELECTIVES		5
Select additional degree applicable courses numbered 1-299 to achieve 60 units.		
=		
TOTAL		60

The Associate Degree requirements include completion of the:

1. Required Major and Restricted Elective courses with a minimum grade of "C" or better for each course (Required Major and Restricted Elective courses may be substituted with the approval of the Division Chair),
2. General Education requirements, and
3. A minimum of 60 units of degree-applicable courses numbered 001-299. At least 12 units must be taken in residence at College of the Sequoias, with a "C" (2.0) average (see Associate Degree Requirements (<https://nam11.safelinks.protection.outlook.com/?url=https%3A%2F%2Ffuturecatalog.cos.edu%2Fassociate-degree-requirements%2F&data=05%7C02%7Cdanielal%40cos.edu%7Ccdf509fcbe0541525de708dd2e8e1629%7Ca1ac1160f96f4e1abad8aa9c4be%7C0%7C0%7C638717909975534704%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOiIlwLjAuMDAwMCIiIAIo%3D%3D%7C0%7C%7C%7C&sdata=vY%2FtRcsJbw0k6zl04fyP1rWRAAgk6JFJOIWK6ohdDVI%3D&reserved=0>) for additional details).