

PROGRAM OF STUDY

Agriculture Animal Science Associate in Science for Transfer Degree

This program of study is designed for students seeking transfer to a four-year animal science degree program. Employment opportunities in animal science and related fields exist in such areas as livestock production/animal husbandry, farm/ranch management, animal nutrition, animal health, marketing, food processing/quality control, the veterinary field, and agricultural education.

Program Learning Outcomes

Upon the completion of the Reedley College Animal Science program, a student will be able to:

- Identify the skills, education, and work experiences needed to pursue his/her chosen career path.
- Maintain an up-to-date comprehensive career portfolio to include a personal resume, cover letter, application, skills inventory, employment history, and copies of employment application and interview correspondence (thank you letters, etc.).
- Apply effective oral and written communication skills to the work environment.
- Exhibit a high level of work ethic and good time management skills.
- Work in group settings to accomplish team goals.
- Apply commonly used computer programs to the workplace.
- Utilize equipment and technology commonly utilized in the livestock industry and related fields.
- Apply ethical animal husbandry practices and industry-accepted quality assurance measures to the responsible production, processing, and marketing of livestock and animal products.
- Demonstrate basic animal management skills in regard to behavior, parturition, identification, nutrition, reproduction and health for common livestock species.
- Evaluate animal conformation and performance data in accordance with industry standards and make selection decisions, based on given scenarios, for various livestock species.

Required Core Courses (13-14 units)

		Units
AS1	General Livestock Production Introduction to Animal Science	3
Select one general chemistry course		
CHEM1A	General Chemistry	5
CHEM3A	Introductory General Chemistry	4
Select one economics course		
AGBS2	Agricultural Economics	3
ECON1B	Principles of Microeconomics	3
Select one statistics course		
MATH11	Elementary Statistics	4
STAT7	Elementary Statistics	4

List A: Select 2 courses, 1 from each area (6-7 units)

		Units
Animal Production		
AS2	Beef Production	3
AS3	Sheep Production Small Ruminant Production	3
AS4	Swine Production	3
AS21	Equine Science	3
Animal Health		
AS5	Animal Nutrition	3
CHEM28A	Organic Chemistry I	3
CHEM29A	Organic Chemistry Laboratory I	2

Select 0-8 units ~~Select up to 8 additional units~~

		Units
Any course(s) not selected above, and/or any courses that are lower division preparation for the targeted major at a university.		
AGBS3	Agriculture Accounting	3
AGBS4	Computer Applications in Agriculture	3
AS6	Livestock Selection and Evaluation	3
AS10	Meat Evaluation and Processing	3
PLS1	Introduction to Plant Science	3

PLS2	Soils	3
PLS2L	Soils Laboratory	1

Total Units **60**

Effective Term: Fall 2017

PID 560