

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 | 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 | 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

Any course(s) not selected above, and/or any courses that are lower division preparation for the targeted major at a university.

| | | Units |
|-------|--------------------------------------|-------|
| 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