

# ASSOCIATE IN SCIENCE IN ANIMAL SCIENCE FOR TRANSFER (AS-T)

Students completing the Associate in Science in Animal Science for Transfer will be able to seamlessly transfer into the CSU system to pursue a baccalaureate degree in Animal Science. Students completing this degree will have an introductory foundation for the field of Animal Science through the study of livestock production. Students will acquire skills and abilities in evaluation, nutrition, health, breeding, marketing and processing livestock.

## Program Outcomes

- Propose a management plan for the production of one species of commercial livestock.
- Identify, evaluate and defend their selection of a commercial livestock species.

## Transfer & Career Opportunities

This Associate in Science in Animal Science for Transfer (AS-T) Degree is intended to meet the lower division requirements for Animal Science for all CSU campuses. Students planning to transfer to institutions other than the CSU are encouraged to consult ASSIST.org (<http://www.assist.org>) and a COS counselor for program planning and course selection. Most common career opportunities with a baccalaureate degree include: livestock managers, nutrition specialist, sales representatives, drug and feed sales, processing and marketing of animal products or government livestock specialists.

## Program Requirements

| Code  | Title                                    | Units |
|---|--|-------|
| GENERAL EDUCATION   |  | 37-39 |
| Select one of the following General Education patterns:             |  |       |
| California State University General Education (CSU-GE) *            |  |       |
| Intersegmental General Education Transfer Curriculum (IGETC-CSU) ** |  |       |
| +   |  |       |
| REQUIRED MAJOR COURSES  |  | 14-15 |
| AGMT 001  | Agriculture Economics *                  | 3     |
|   | or ECON 040 Principles of Microeconomics |       |
| ASCI 001  | Intro to Animal Science                  | 3     |
| CHEM 001  | General Chemistry 1 *                    | 4-5   |
|   | or CHEM 020 Intro to General Chemistry   |       |
| MATH 021  | Introduction to Statistics *             | 4     |
| +   |  |       |
| RESTRICTED ELECTIVES - ANIMAL PRODUCTION                            |  | 3     |
| Select one 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     |
| DSCI 101  | Introduction to Dairy Science            | 3     |
| +   |  |       |

|   |                                |      |
|---|--------------------------------|------|
| RESTRICTED ELECTIVES - ANIMAL HEALTH  |                                | 3    |
| Select one of the following courses:  |                                |      |
| ASCI 103  | Feeds and Feeding              | 3    |
| ASCI 104  | Livestock Disease & Sanitation | 3    |
| +   |                                |      |
| ELECTIVES   |                                | 9-13 |
| Select additional degree applicable courses numbered 1-199 to achieve 60 units. The department recommends the following courses or any course not selected above. |                                |      |
| ASCI 002  | Livestock Selection/Evaluation | 3    |
| ASCI 113  | Farm Animal Biology            | 3    |
| ASCI 123  | Horse Production               | 3    |
| =   |                                |      |
| TOTAL   |                                | 60   |

\* Course(s) meets General Education requirement and 9 units may be double counted above in 1A (CSU GE).

\*\* 10 units may be double counted above in 1B (IGETC-CSU). IGETC-CSU requires completion of IGETC AREA 1C.

The Associate in Science Degree for Transfer requirements include completion of the 60 unit program defined above with at least 12 units taken in residence at College of the Sequoias with a "C" (2.0) average and a "C" or better grade in all required major and restricted electives courses (see Transfer Information and Requirements (<https://catalog.cos.edu/transfer-information-requirements/>) for additional details).