

CERTIFICATE OF ACHIEVEMENT IN ANIMAL SCIENCE

This certificate prepares students for entry-level employment in the field of Animal Science. Students completing this certificate will acquire skills in animal restraint, veterinary terminology, herd health, livestock care and handling, nutrition, management, and reproduction.

Program Outcomes

- Define, explain, and demonstrate, utilizing appropriate industry software if necessary, proper nutrition for livestock species covered in courses of this certificate.
- Recognize and diagnose appropriate treatment for four common diseases and parasites in species of livestock covered by courses required in this certificate.
- Demonstrate proper management and handling techniques for livestock covered by courses in this certificate.
- Incorporate hands-on production skills with sound economic principles to optimize economic returns in a changing global economy.

Career Opportunities

Upon successful completion of this certificate, students will be prepared for employment in the following fields: livestock operator, animal health technician, meat inspectors and/or grader, or sales, and service staff for a pharmaceutical or livestock focused company.

Program Requirements

Code	Title	Units
REQUIRED CERTIFICATE COURSES		21
AGMT 103	Introduction to Agriculture Business	3
ASCI 001	Introduction to Animal Science	3
ASCI 103	Feeds and Feeding	3
ASCI 110	Swine Science	3
ASCI 111	Beef Cattle Science	3
ASCI 112	Small Ruminant Science	3
WEXP 193F	Agriculture Work Experience – First Semester	3
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RESTRICTED ELECTIVES		2-3
Select one of the following courses:		
ASCI 002	Livestock Selection/Evaluation	3
ASCI 130	Equine Evaluation	3
ASCI 022	Horse Husbandry	3
ASCI 104	Livestock Disease and Sanitation	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

=	TOTAL	23-24
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The Certificate of Achievement requirements include completion of the certificate courses with a "C" or better grade in each course. Required and support courses may be substituted with the approval of the Agriculture Division Chair.