

# ANIMAL SCIENCE FUNDAMENTALS (CERTIFICATE N0871)

## Natural Sciences Division Certificate N0871

This certificate program is designed for students to acquire basic knowledge in the fundamentals of Animal Science. This can be utilized to gain entry level employment on farms, ranches and in agricultural sales and services. It is also the first step in the pathway to a career in becoming an educator in Agricultural Sciences. All courses are applicable for degree requirements.

## Required Courses

Course Prefix	Course Name	Units
ASCI 1	Animal Science	3
ASCI 2	Animal Nutrition	3
ASCI 51	Animal Handling and Restraint <sup>1</sup>	3
ASCI 94	Animal Breeding	3
ASCI 96	Animal Sanitation and Disease Control	3
ASCI 97	Artificial Insemination of Livestock	3
Select one course from the following:		3
AGAG 1	Food Production, Land Use, and Politics - A Global Perspective	
ASCI 14	Swine Production	
ASCI 17	Sheep Production	
ASCI 30	Beef Production	
<b>Total Units</b>		<b>21</b>

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Students must provide documentation of up-to-date rabies vaccination series or titer prior to being enrolled, as required by BP & AP 5210 and requirements mandated by American Veterinary Medical Association. Instructions on submitting documentation are available at document submission instructions. Additional information available at CDC information and AVMA accreditation policies.

Animal Sciences Website (<http://www.mtsac.edu/animal/>)

## Program Learning Outcomes

*Upon successful completion of this program, a student will:*

- be able to explain the historical and current economic importance of the livestock and pet animal industries.

Review Student Learning Outcomes (SLOs) (<http://www.mtsac.edu/instruction/outcomes/sloinfo.html>) for this program.