

PET SCIENCE (CERTIFICATE N0630)

Natural Sciences Division

Certificate N0630

The Pet Science Certificate focuses on the proper care and management of various pets. This includes: breed identification and characteristics, grooming, showing, nutrition, practical care, behavior, breeding, and housing. Consideration will be given to the economic influence of the pet industry.

Required Courses

Course Prefix	Course Name	Units
ASCI 70	Pet Shop Management	3
ASCI 71	Canine Management	3
ASCI 72	Feline Management	3
ASCI 73	Tropical and Coldwater Fish Management	2
ASCI 74	Reptile Management	2
ASCI 76	Aviculture - Cage and Aviary Birds	3
Total Units		16

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

Program Learning Outcomes

Upon successful completion of this program, a student will:

- Demonstrate knowledge of the various species of pets, pet management systems, and the different industry opportunities associated with the respective species.
- Understand the scientific principles of animal production in relation to genetics, reproduction, nutrition, physiology, and environment.
- Demonstrate competency in the areas of animal health, disease, welfare and handling and understand how these factors influence animal stress and welfare.
- Demonstrate knowledge of the economic influence of the pet industry in today's society.
- Be competent with the use of technology and have abilities in the areas of critical thinking and decision-making. In addition, they must have strong oral and written communication skills, and a sense of the importance of responsibility and work ethic.

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