

ANIMAL SCIENCE

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Domestic animals play a significant role in our lives through agriculture, recreation, biomedical science and companionship. A major in Animal Science at UVM will provide you with a strong science-based education in the production, care, and management of domestic animals. In addition, the preveterinary option available to students is one of the strongest in the Northeast. It includes early decision programs with Tufts University School of Veterinary Medicine in Massachusetts, and there are guaranteed admission spaces at Massey University School of Veterinary Medicine in New Zealand.

DEGREES OFFERED

- Bachelor of Science in Animal Science
- Master of Science in Animal Science

PROGRAM OPTIONS

The hallmark of UVM's Animal Science program is its flexibility within four options:

Preveterinary and Preprofessional Sciences: This option offers the strong science background students need for advanced study in human or veterinary medicine, physiology, nutrition, genetics, and related biological fields. Motivated students considering a career in veterinary medicine may be interested in a program UVM has in conjunction with Tufts University. This highly competitive program allows you to pursue a Bachelor of Science at UVM and to apply after sophomore year to Tufts University. If accepted to the program, you will complete your B.S. at Vermont and be automatically enrolled in Tufts to pursue a veterinary degree. Another post-undergraduate option is the AVMA accredited veterinary Medicine program at Massey University in New Zealand after finishing your B.S. at UVM. Massey guarantees five places to qualified UVM students.

Equine Science: Based at UVM's Spear Street Farm, this program offers in-depth study of the care, management, breeding, health and training of horses. Outstanding opportunities for hands-on experience and research are also available to students at UVM's internationally known Morgan Horse Farm, as well as the Miner Institute in Chazy, N.Y. An active Horse Club, Equestrian Team, and cooperative student-managed barn make this program rich in experiential learning.

General Studies in Animal Science: This option is ideal for students interested in companion animals or zoos and exotic animals. Students have the opportunity

to determine which balance of basic science, production, companion animal, and elective courses best suits individual academic goals.

Dairy Production: This option concentrates on courses related to the feeding, breeding, health, and management of dairy cattle. A unique opportunity to spend a semester in an advanced dairy management program at Miner Agricultural Institute is an attractive feature of this option. Also, the FARMS 2+2 program allows students from Vermont full scholarships to take two years of courses at VTC, then transfer to UVM for more intensive studies. The program is designed for students seeking a career in dairy farming or allied industries.

INTERNSHIP OPPORTUNITIES

We encourage our students to participate in internships, undergraduate research, and study abroad. Recent internships include working at a tiger refuge, with a race horse vet, for a top Siberian husky breeder, and at an aquarium. Students have also done internships in Tanzania, Alaska, Disneyworld, Bronx and Los Angeles Zoos, Veterinary Clinics, with wildlife rescue organizations, and at national parks. Academic credit may be awarded for hands-on experience, which also gives students a decided advantage when applying to veterinary or graduate schools, or launching a career.

CAREER DIRECTIONS

If your goal is to become a veterinarian, researcher, scientist, medical doctor or college professor, UVM's Animal Science program will give you a solid foundation and excellent credentials for professional or graduate school. Our graduates also apply their undergraduate preparation to rewarding careers in the agrifood industry, companion animal care and breeding, work in zoos and aquariums, and work with state and federal agencies.

CORE COURSES

Foundations (first year seminar)
Written Communications
Oral Communications
Information Technology
Introduction to Animal Sciences
Companion Animal Care and Management
Fundamentals of Nutrition
Animal Nutrition, Metabolism and Feeding

ADVANCED COURSES

(a sampling)

Zoos, Exotics & Endangered Species
Animals in Society/Animal Welfare
Anatomy and Physiology of Domestic Animals
Dog Training and Behavior
Physiology of Reproduction
Endocrinology
Lactation Physiology
Animal Science Career Seminars
Advanced Dairy Management

FOR FURTHER INFORMATION, CONTACT:



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