

VETERINARY TECHNOLOGY

The veterinary technology program at North Dakota State University will prepare you for an exciting career in animal health care. As a veterinary technologist you may choose to work in a veterinary practice or your goals might lead you in other directions, such as technical research assistance, sales, veterinary practice management or animal-related business management. Many potential career opportunities await you as an NDSU veterinary technology graduate.

The Program

The veterinary technology program leads to a B.S. degree and allows you to control the direction of your education through the choice of electives or a minor field of study. The first year of the veterinary technology program is open enrollment. Students interested in veterinary technology have the opportunity to take courses that will help them decide if they want to apply for the limited-enrollment professional portion of the program. Students are selected each spring to enter the professional portion of the program the following fall. The veterinary technology program is accredited by the American Veterinary Medical Association.

Department Of Animal Sciences

Veterinary technology is a program of the Department of Animal Sciences. Departmental offices are housed in Hultz, Van Es and Robinson Halls. The veterinary technology program facilities are located in Robinson Hall on the west side of the main NDSU campus. Two veterinarians, a microbiologist, three licensed veterinary technologists and a registered medical technologist comprise the primary faculty and staff of the program.

Major classes offered to first-year veterinary technology students include Introduction to the Veterinary Profession, Companion Animal Breeds, Anatomy and Physiology of Domestic Animals, Medical Terminology for the Paraprofessional and Animal Restraint. If, for any reason, you don't continue into the professional portion of the program, the credits earned during the first year may be transferred into other majors.

Topics in the professional portion of the program include clinical techniques, clinical laboratory procedures, radiography, pharmacology, anesthesiology, hospital procedures, surgical nursing and animal diseases. You will work with a diverse group of animals including cattle, sheep, pigs, horses, dogs, cats, birds, laboratory animals and pocket pets. In addition to lectures and demonstrations, we offer a great deal of practical experience. Professional program students participate in the Robinson Hall Veterinary Wellness Clinic and, after successful completion of all the veterinary technology courses, enroll in a clinical externship. Most students do their externships in veterinary clinics, but students with particular interests have done them at facilities such as zoos, research laboratories and even the Kennedy Space Center. Your entire academic career is planned to allow you to achieve your career goals and adapt to individual employment needs after you graduate. A minor in large animal veterinary technology is available for students interested in careers working with livestock and/or horses (available only to veterinary technology majors).

The Veterinary Technology Club

The Veterinary Technology Club is a student chapter of the National Association of Veterinary Technicians in America. The club is open to any student interested in veterinary technology. It provides a social setting for students with common career goals and an opportunity to become involved in professional and community activities. Meetings are held twice a month during the school year. Specific information about the club is available from the veterinary technology academic advisers.

Scholarships

Veterinary technology students are eligible to apply for scholarships awarded through the College of Agriculture, Food Systems, and Natural Resources. Each year students enrolled in the college receive more than \$100,000 from the college scholarship program. A booklet that contains a listing of the college scholarships is available directly from the college. To receive a copy of the scholarship booklet contact the Office of the Dean, College of Agriculture, Food Systems, and Natural Resources, NDSU, Dept 2200, PO Box 6050, Fargo, ND 58108-6050, (701) 231-7656.

Career Opportunities

We welcome your questions about veterinary technology. Information sheets and brochures are available that explain career options and employment opportunities in veterinary technology. If you would like to receive this information, call or write the Veterinary Technology Program.

Selective Admission

The first year of the program is open enrollment. The professional program, which starts in the second year, is selective. Transfer students are encouraged to contact the department early for information if they intend to transfer to NDSU and enter veterinary technology. Applicants for the professional program must submit a **supplemental application**, three recommendations (forms provided), an official transcript, a short statement of their career goals and verification of veterinary clinic observation hours. The application deadline is **April 1** for the fall professional program. Selections are made in late May. Detailed application and selection information is given during fall semester classes and is available upon request from the Veterinary Technology Program. Application materials are available during spring semester in Van Es 150 or on the program's website at <http://vettech.ndsu.nodak.edu>.

Veterinary Technology Curriculum

With the help of your adviser you will formulate a course schedule that allows you to complete the veterinary technology program. A curriculum listing is provided below.

The veterinary technology curriculum allows considerable flexibility in designing your program.

With the general elective courses necessary for graduation, you will be able to satisfy the requirements for an optional minor field of study if you so choose.

Sample Curriculum

General Education Requirements Credits

First Year Experience	
Agri. 189 - Skills for Academic Success	1
Communication	
Comm. 110 - Fund of Public Speaking.....	3
Engl. 110, 120 - College Composition I, II.....	3, 3
English Upper Level Writing Course	3
Quantitative Reasoning	
Math. 104 - Finite Math or Higher.....	3
Science & Technology	
CSci. 114 - Microcomputer Packages <i>or</i>	
CSci. 116 - Business Use of Computer.....	3 or 4
Micr. 202, 202L - Introduction to Microbiology	
and Lab.....	2, 1
PISc. 315 - Genetics and Lab.....	3, 1
Humanities & Fine Arts.....	6
Social & Behavioral Sciences	6
Wellness.....	2
Cultural Diversity.....	-
Global Perspective.....	-
Total.....	40

Pre-Professional Major Requirements Credits

Vets. 115 - Medical Terminology	1
Vets. 125 - Animal Restraint.....	2
Vets. 130 - Companion Animal Breeds.....	1
Vets. 135 - Anatomy and Physiology of	
Domestic Animals	3
Vets. 136 - Anatomy and Physiology Lab.....	1
Vets. 150 - Introduction to the Veterinary Profession	1
Vets. 440 - Zoonoses.....	3
Totals.....	12

Professional Major Requirements Credits

Vets. 255 - Fundamental of Veterinary Radiography.....	3
Vets. 256 - Veterinary Clinical Technology	
And Instruments.....	4
Vets. 259 - Small Animal Diseases	2
Vets. 357 - Veterinary Pharmacology	3
Vets. 358 - Veterinary Surgical Nursing Techniques	4
Vets. 359 - Veterinary Hospital Information	
and Procedures.....	2
Vets. 385 - Veterinary Clinical Pathology I.....	3
Vets. 386 - Veterinary Clinical Pathology II.....	3
Vets. 387 - Veterinary Clinical Pathology III.....	3
Vets. 481 - Ward Care and Clinic Care	4
Vets. 483 - Clinical Veterinary Practicum.....	4
Vets. 485 - Veterinary Technology Externship.....	6
Totals.....	41

Related Requirements Credits

ANSC 114 - Introduction to Animal Sciences	3
Biol. 150, 150L - General Biology I and Lab <i>or</i>	
Biol. 151, 151L - General Chemistry II and Lab.....	3, 1
Chem. 121, 121L - General Chemistry I and Lab <i>or</i>	
Chem. 117, 117L - Chemical Concepts and	
Application and Lab	3, 1
Micr. 465 - Fundamentals of Animal Disease	3
Electives.....	18
Totals	32
CURRICULUM TOTAL	128

This sample curriculum is not intended to serve as a curriculum guide for current students, but rather an example of course offerings for prospective students. For the curriculum requirements in effect at the time of entrance into a program, consult with an academic adviser or with the Office of Registration and Records.

For Further Information

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