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

Veterinary technology is a Bachelor of Science degree program within the Department of Animal Sciences. Departmental offices are located in Hultz Hall and Robinson Hall, on the west side of the main NDSU campus. Veterinarians and licensed veterinary technologists comprise the primary faculty and staff, with other animal health and animal sciences professionals also teaching in the program.

The first year of the program is a pre-professional course of study that allows students the opportunity to decide if they want to apply for the limited-enrollment professional portion of the program. Courses offered to first year 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 do not continue into the professional portion of the program, the credits earned during the first year may be transferred into other majors.

The professional portion of the program, which starts in the fall of the second year, is selective. Students must submit a supplemental application by April 1 of their first year in order to be considered for admission into the professional portion. Detailed application and selection information is given during fall semester classes and is available upon request from the veterinary technology program or at http://www.ndsu.edu/vettech.

Professional Program Selective Admission

All students wishing to continue on in the professional program must submit supplemental application materials. Transfer students are encouraged to contact the department early for information if they intend to transfer to NDSU and enter veterinary technology. In addition to the application form, students must submit three recommendations (forms are provided), official transcripts, a short career goals essay, verification of veterinary clinic observation hours and take a scholastic reading and writing exam. Selection for the professional program is made in mid-June.

Professional Program

Topics in the professional portion of the program include clinical techniques, clinical laboratory procedures, radiography, pharmacology, anesthesiology, hospital procedures, surgical nursing and animal disease. Students work with a diverse group of animals, including cattle, sheep, pigs, horses, dogs, cats, birds and pocket pets. In addition to lectures and demonstrations, students gain a great deal of practical experience. Professional program students participate in clinical practicums and, after successful completion of all the veterinary technology courses, enroll in a clinical externship.

Most students do their externship in a veterinary clinic, but students with particular interests have done their externships at such facilities as zoos, research laboratories, and animal rehabilitation facilities. 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, available only to veterinary technology majors, is available for students interested in careers working with livestock and/or horses.

Veterinary Technology Curriculum

The veterinary technology curriculum allows considerable flexibility in designing your program. With the help of your advisor, you will formulate a course schedule that allows you to complete the veterinary technology program. With the general elective courses necessary for graduation, you will be able to satisfy the requirements for a number of minor fields of study.

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. Information about scholarships is available at www.ag.ndsu.edu/academics/coaschol.htm or by contacting 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.

The Veterinary Technology Club

The Veterinary Technology 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. The club meets twice monthly during the school year. Information about the club is available from the veterinary technology academic advisors.

For Further Information

Veterinary Technology Program
North Dakota State University
Dept #2230
PO Box 6050
Fargo, ND 58108-6050

Tel. (701) 231-7712

Fax: (701) 231-7252

E-mail: ndsu.ansc@ndsu.edu
Web: www.ndsu.edu/vettech

Sample Curriculum

General Education Requirements	Credits
First Year Experience	
AGRI 189 - Skills for Academic Success	1
Communication	
COMM 110 - Fundamentals of Public Speaking	3
ENGL 110, 120 - College Composition I, II	3, 3
English Upper Level Writing Course	3
Quantitative Reasoning	3
Science & Technology	
BIOL 111 - Concepts of Biology	3
CHEM 117 - Chemical Concepts and Applications *or* CHEM 121 - General Chemistry I	3
CSCI 114 - Microcomputer Packages *or* CSCI 116 - Business Use of Computers	3, 4
MICR 202, 202L - Introductory Microbiology and Lab	2, 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 for the Paraprofessional	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
Total	**9**

Professional Major Requirements	Credits
VETS 255 - Fundamentals 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/Clinic Care	4
VETS 483 - Clinical Veterinary Practicum	4
VETS 485 - Veterinary Technology Externship (Capstone Course)	6-12
Total	**41-47**

Related Requirements	Credits
ANSC 114 - Introduction to Animal Sciences	3
ANSC 223 - Introduction to Animal Nutrition	2
ANSC 370 - Fundamentals/Animal Disease	3
Electives	28
Total	**36**
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 advisor or with the Office of Registration and Records.

This publication will be made available in alternative formats upon request. Contact the Office of Admission (701) 231-8643 or 800-488-NDSU or ND Telecommunications Relay Service 800-366-6888 (TTY) or 800-366-6889 (voice).

NDSU is an equal opportunity institution. 106 7/15