

Veterinary Technology

Department Information

- **Department Location:**
Robinson Hall
- **Department Phone:**
701-231-7712
- **Department Email:**
ndsu.ansc@ndsu.edu
- **Department Web Site:**
www.ag.ndsu.edu/vettech/
- **Credential Offered:**
B.S.
- **Official Program Curriculum:**
bulletin.ndsu.edu/undergraduate/program-curriculum/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, Anatomy and Physiology of Domestic Animals, and Medical Terminology for the Paraprofessional. 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 May 1 of their first year in order to be considered for admission into the professional program. Detailed application and selection information is given during spring semester classes and is available 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. All students must have completed 12 credits at NDSU. In addition to the application form, students must submit official transcripts, an essay regarding the profession, verification of veterinary clinic observation hours, have completed VETS 115, and have taken 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 exotics. 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 facilities such 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 requirements. 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, and are also eligible for the LuAnn Lee Memorial Scholarship. 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/scholarships 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.

Plan of Study

Please note this is a sample plan of study and not an official curriculum. Actual student schedules for each semester will vary depending on start year, education goals, applicable transfer credit, and course availability. Students are encouraged to work with their academic advisor on a regular basis to review degree progress and customize an individual plan of study.

First Year			
Fall	Credits	Spring	Credits
ANSC 114	3	ANSC 223	2
ENGL 110 (C)	4	BIOL 111 (S)	3
VETS 101	1	COMM 110 (C)	3
VETS 135	3	ENGL 120 (C)	3
VETS 136	1	VETS 115	1
Gen Ed Quantitative Reasoning (R)	3	CSCI 114	3
	15		15
Second Year			
Fall	Credits	Spring	Credits
ANSC 370	3	ANSC 371	3
VETS 265	2	VETS 255	2
VETS 265L	1	VETS 255L	1
VETS 249	2	VETS 267	2
VETS 296 (Ward Care/Clinic Care)	1	VETS 267L	1
Gen Ed Humanities & Fine Arts (A)	3	VETS 385	2
MICR 202	2	VETS 455	1
MICR 202L	1	VETS 385L	1
VETS 369	2	VETS 483	1
		VETS 296 (Ward Care/Clinic Care)	1
	17		15
Third Year			
Fall	Credits	Spring	Credits
VETS 386	2	VETS 296 (Ward Care/Clinic Care)	1
VETS 386L	1	VETS 387	2
VETS 457	2	VETS 387L	1
VETS 483	1	VETS 461	2
VETS 296 (Ward Care/Clinic Care)	1	VETS 461L	1
Elective	9	VETS 482	2
		VETS 483	1

	Gen Ed Humanities & Fine Arts and Global Perspectives (A and G)		3
	16		13
Fourth Year			
Fall	Credits	Spring	Credits
VETS 485	6	CHEM 117 or 121 (S)	3
Electives	4	Gen Ed Upper Level Writing (C)	3
VETS 367	1	Electives	7
VETS 367L	1	Gen Ed (B)	3
Gen Ed Wellness	2		
	14		16

Total Credits: 121