

Veterinary Technology

Veterinary Technology Major

Veterinary Technology is an exciting and challenging major that offers a multitude of career opportunities in animal health care and related areas. This major offers a well-rounded program of general and clinical studies. Graduates are prepared not only for traditional veterinary practice careers, but also for pursuit of emerging non-traditional careers through the choice of electives and minor areas of study.

The first pre-professional year of the Veterinary Technology program is open to all interested students and offers an opportunity to explore the veterinary technology field. Advancement into the professional program in the second year is limited to a maximum of 28 students who are selected on a competitive basis.

The Veterinary Technology program is accredited by the American Veterinary Medical Association.

Major Requirements

Major: Veterinary Technology

Degree Type: B.S.

Minimum Degree Credits to Graduate: 128

General Education Requirements for Baccalaureate Degree

- A list of approved general education courses is available here (<http://bulletin.ndsu.edu/past-bulletin-archive/2017-18/academic-policies/undergraduate-policies/general-education/#genedcoursestext>).
- General education courses may be used to satisfy requirements for both general education and the major, minor, and program emphases, where applicable. Students should carefully review the major, minor, and program emphases requirements for minimum grade restrictions, should they apply.

Code	Title	Credits
Communication (C)		12
ENGL 110	College Composition I	
ENGL 120	College Composition II	
COMM 110	Fundamentals of Public Speaking	
Upper Division Writing [†]		
Quantitative Reasoning (R) [†]		3
Science and Technology (S) [†]		10
Humanities and Fine Arts (A) [†]		6
Social and Behavioral Sciences (B) [†]		6
Wellness (W) [†]		2
Cultural Diversity (D) ^{**†}		
Global Perspectives (G) ^{**†}		
Total Credits		39

* May be satisfied by completing courses in another General Education category.

† May be satisfied with courses required in the major. Review major requirements to determine if a specific upper division writing course is required.

Major Requirements

A grade of 'C' or better is required in all courses listed as a Major Requirement.

Code	Title	Credits
Required Core Courses for Pre-Vet Tech		
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 Laboratory	1
VETS 150	Introduction to the Veterinary Profession	1

Required Core Courses for Professional Vet Tech: Must be admitted to the professional program to take the following courses.

VETS 255	Fundamentals of Veterinary Radiography	2
VETS 255L	Fundamentals of Veterinary Radiography Laboratory	1
VETS 256	Veterinary Clinical Techniques and Instruments	4
VETS 357	Veterinary Pharmacology	3
VETS 358	Veterinary Surgical Nursing Techniques	2
VETS 358L	Veterinary Surgical Techniques Laboratory	2
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 482	Large Animal Techniques	2
VETS 485	Veterinary Technology Externship 6-12 (Capstone Course)	6
VETS 481	Ward Care/Clinic Care (1 credit each X4) ¹	4
VETS 483	Clinical Veterinary Practicum 1-3 (1 credit each X4) ¹	4

Related Core Courses Required for Professional Program

AGRI 189	Skills for Academic Success ²	1
ANSC 114	Introduction to Animal Sciences	3
ANSC 223	Introduction to Animal Nutrition	2
ANSC 370	Fundamentals/Animal Disease	3
ANSC 399	Special Topics (ANSC Fundamentals/Animal Disease - Small Animals and Horses)	3
BIOL 111	Concepts of Biology (May satisfy general education category S)	3
CHEM 117 or CHEM 121	Chemical Concepts and Applications (May satisfy general education category S) General Chemistry I	3
CSCI 114 or MIS 116	Microcomputer Packages (May satisfy general education category S) Business Use of Computers	3
MICR 202 & 202L	Introductory Microbiology and Introductory Microbiology Lab (May satisfy general education category S)	3

Total Credits

74

¹ VETS 481 Ward Care/Clinic Care & VETS 483 Clinical Veterinary Practicum 1-3 requires multiple enrollments. Students are to register four different times for each of the one credit courses.

² AGRI189 is only required for first-time, first-year students--A first-time, first-year student is defined as a student who has not yet completed a college course as a college student. Students that are not first-time, first-year students that either transfer into the university or change their major are not required to take AGRI 189.

Degree Requirements and Notes:

- Transfer grades must be 'C' or better to count towards major requirements.
- The following minor programs of study are suggested to supplement this major program of study: Agribusiness, Animal Science, Business Administration, Equine Studies, Large Animal Veterinary Technology, Microbiology, Psychology, or Range Science