

# Veterinary Technology

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## Department Information

- **Department Location:**  
100 Hultz Hall
- **Department Phone:**  
701-231-7641
- **Department Email:**  
ndsu.ansc@ndsu.edu
- **Department Web Site:**  
[www.ndsu.edu/agriculture/academics/academic-units/animal-sciences/](http://www.ndsu.edu/agriculture/academics/academic-units/animal-sciences/) (<http://www.ndsu.edu/agriculture/academics/academic-units/animal-sciences/>)
- **Credential Offered:**  
B.S.
- **Sample Program Guide:**  
[catalog.ndsu.edu/programs-study/undergraduate/veterinary-technology/](http://catalog.ndsu.edu/programs-study/undergraduate/veterinary-technology/) (<http://catalog.ndsu.edu/programs-study/undergraduate/veterinary-technology/>)

## Major Requirements

### Major: Veterinary Technology

**Degree Type:** B.S.

**Minimum Degree Credits to Graduate:** 120

### University Degree Requirements

1. Satisfactory completion of all requirements of the curriculum in which one is enrolled.
2. Earn a minimum total of 120 credits in approved coursework. Some academic programs exceed this minimum.
3. Satisfactory completion of the general education requirements as specified by the university.
4. A minimum institutional GPA of 2.00 based on work taken at NDSU.
5. At least 36 credits presented for graduation must be in courses numbered 300 or higher.
6. Transfer Students: Must earn a minimum of 60 credits from a baccalaureate-degree granting or professional institution.
  - a. Of these 60, at least 36 must be NDSU resident credits as defined in #7.
  - b. Within the 36 resident credits, a minimum of 15 must be in courses numbered 300 or higher and 15 credits in the major field of study.
7. At least 36 credits must be NDSU resident credits. Resident credits include credits registered and paid for at NDSU.

For complete information, please refer to the Degree and Graduation Requirements (<http://catalog.ndsu.edu/past-bulletin-archive/2022-23/academic-policies/undergraduate-policies/degree-and-graduation/>) section of this Bulletin.

### University General Education Requirements

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

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

† 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 major requirements to determine if specific courses can also satisfy these general education categories.

- A list of university approved general education courses and administrative policies are available here (<http://catalog.ndsu.edu/past-bulletin-archive/2022-23/academic-policies/undergraduate-policies/general-education/#genedcoursestext>).

## Major Requirements

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

Code	Title	Credits
<b>Required Core Courses for Pre-Vet Tech</b>		
ANSC 218	Anatomy and Physiology of Domestic Animals	3
ANSC 219	Anatomy and Physiology Laboratory	1
VETS 101 or ANSC 201	Student Success Techniques: Veterinary Technology Student Success Techniques - Nontraditional & Transfer Students	1
VETS 115	Medical Terminology for the Paraprofessional	1
<b>Required Core Courses for Professional Vet Tech: Must be admitted to the professional program to take the following courses.</b>		
VETS 249	Veterinary Hospital Information and Procedures	2
VETS 255	Veterinary Diagnostic Imaging	2
VETS 255L	Veterinary Diagnostic Imaging Laboratory	1
VETS 265	Veterinary Nursing I	2
VETS 265L	Veterinary Nursing Lab I	1
VETS 267	Veterinary Nursing II	2
VETS 267L	Veterinary Nursing Lab II	1
VETS 296	Field Experience/Practicum (Ward Care / Clinic Care) <sup>1</sup>	4
VETS 367	Principles of Companion Animal Dentistry	1
VETS 367L	Principles of Companion Animal Dentistry Lab	1
VETS 369	Companion Small Mammal and Exotic Animal Health and Husbandry	2
VETS 385	Veterinary Parasitology	2
VETS 385L	Veterinary Parasitology Lab	1
VETS 386	Veterinary Hematology	2
VETS 386L	Veterinary Hematology Lab	1
VETS 387	Veterinary Clinical Pathology	2
VETS 387L	Veterinary Clinical Pathology Laboratory	1
VETS 455	Veterinary Applied Pharmacy Practices	1
VETS 457	Veterinary Pharmacology	2
VETS 460	Vet Anesthesiology	2
VETS 460L	Veterinary Anesthesiology Lab	1
VETS 461	Veterinary Surgical Nursing Techniques	2
VETS 461L	Veterinary Surgical Techniques Laboratory	1
VETS 482	Large Animal Techniques	2
VETS 483	Clinical Veterinary Practicum	1
VETS 485	Veterinary Technology Externship (Capstone Course)	3
<b>Related Core Courses Required for Professional Program</b>		
ANSC 114	Introduction to Animal Sciences	3
ANSC 223	Introduction to Animal Nutrition	2
ANSC 370	Fundamentals/Animal Disease	3
ANSC 371	Fundamentals of Animal Disease II	3
BIOL 111 or BIOL 150	Concepts of Biology (May satisfy general education category S) General Biology I	3
CHEM 117 or CHEM 121	Chemical Concepts and Applications (May satisfy general education category S) General Chemistry I	3

CSCI 114 or TL 116	Computer Applications (May satisfy general education category S) Business Software Applications	3
MICR 202 & 202L	Introductory Microbiology and Introductory Microbiology Lab (May satisfy general education category S)	3

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**Total Credits** **72**

<sup>1</sup> VETS 296 Field Experience (Ward Care / Clinic Care) requires multiple enrollments. Students are to register four different times for this one-credit course.

**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 Science, Large Animal Veterinary Technology, Microbiology, Psychology, or Range Science