

The objectives of the Bachelor of Science in Veterinary Technology program are to provide advanced educational opportunities within the veterinary technology profession, encourage lifelong learning among veterinary technology students and provide training beyond entry-level skills. Students prepare for the Veterinary Technician National Examination (VTNE). Graduates prepare for employment in small animal hospitals, equine practices, animal research labs and mobile vet services.

A student who has an associate's degree in veterinary technology from an AVMA accredited program and a current veterinary technician certification will receive transfer credit and be exempt from taking any class in the bachelor's degree program that is also required for the Globe University/Minnesota School of Business AAS in Veterinary Technology degree.

The goal of this program is to prepare graduates who are able to:

1. Demonstrate proficiency in essential veterinary technology skills
2. Demonstrate comprehension in the following veterinary areas: pharmacology; surgical preparation, assisting and anesthesia; dentistry; laboratory procedures; animal care and nursing; diagnostic imaging; and basic animal physiology
3. Record patient medical information using appropriate veterinary medical terminology
4. Differentiate between normal and abnormal physical status in common animal species and take appropriate corrective measures where indicated
5. Accurately calculate, dispense, and explain dosages of medications
6. Use appropriate professional behavior in the clinical setting
7. Apply information about the role of the veterinary technologist, as compared to that of a veterinary technician, to a specific career path or area of specialization
8. Demonstrate appropriate written and verbal communication skills
9. Evaluate the quality of multiple viewpoints, arguments, and evidence and distinguish between fact and opinion
10. Exhibit social responsibility and examine the diverse cultures and value systems of our global community

CORE REQUIREMENTS

| Class # | Class Name | Credits |
|--|--|------------|
| OA165 | Veterinary Office Procedures | 3 |
| PD250 | Career Development | 1 |
| VT101 | Veterinary Medical Terminology | 2 |
| VT105 | Introduction to Veterinary Technology | 3 |
| VT116 | Introduction to Veterinary Clinical Skills | 3 |
| VT145 | Animal Physiology I | 2 |
| VT146 | Animal Physiology II | 3 |
| VT152 | Animal Anatomy | 2 |
| VT175 | Veterinary Pharmacology | 5 |
| VT181 | Imaging | 3 |
| VT209 | Basic Hematology | 3 |
| VT216 | Parasitology | 4 |
| VT222 | Lab Animals Exotics and Pocket Pets | 3 |
| VT230 | Advanced Veterinary Clinical Skills | 4 |
| VT236 | Small Animal Nutrition and Nursing | 4 |
| VT242 | Hematology and Small Animal Disease | 4 |
| VT250 | Anesthesiology | 4 |
| VT256 | Small Animal Surgical Assisting | 4 |
| VT270 | Production Animals | 3 |
| VT280 | Equine | 3 |
| VT292 | Application of Veterinary Clinical Skills | 3 |
| VT296 | Certified Veterinary Technician Review | 3 |
| VT298 | Veterinary Clinical Training | 9 |
| VT320 | Lab Animal Management | 4 |
| VT340 | Advanced Equine | 4 |
| VT360 | Small Animal Behavior | 4 |
| VT380 | Advanced Office Procedures | 4 |
| VT410 | Emergency and Critical Care | 4 |
| VT430 | Advanced Anesthesia | 4 |
| VT450 | Advanced Dentistry | 4 |
| VT470 | Integrative Medicine | 4 |
| Business Requirements: | | |
| MG100 | Introduction to Business | 5 |
| MK150 | Marketing | 4 |
| Business Electives (must be 300/400 level courses): Students will select 20 credits from the following courses or as approved by the dean of students and program chair/coordinator: | | |
| BS311 | Organizational Behavior | 4 |
| HR310 | Workplace Issues: Employment Law | 4 |
| HR330 | Compensation Issues | 4 |
| HR350 | Recruitment and Retention | 4 |
| MG310 | Human Resource Management | 4 |
| MK310 | Marketing Strategy | 4 |
| MG340 | Leadership and Management | 4 |
| MG430 | Business Ethics | 4 |
| Total Core Minimum Credit Requirement | | 139 |

VETERINARY TECHNOLOGY

GENERAL EDUCATION REQUIREMENTS

A student pursuing a bachelor's degree is required to earn a minimum of 54 credits from the general education courses listed below, demonstrating a solid grounding in the liberal arts. A minimum of six credits must be earned in each of the following disciplines: communications, humanities, natural science and mathematics and social science.

| Class# | Class Name | Credits |
|---|--|-----------|
| COMMUNICATIONS | | |
| CM111 | Speech Communications | 4 |
| CM121 | Composition (required) | 4 |
| CM200 | Intercultural Communications | 4 |
| CM210 | Creative Writing | 4 |
| CM220 | Art of Persuasion | 4 |
| CM230 | Mass Communication | 4 |
| CM320 | Writing and Research (required) | 4 |
| HUMANITIES | | |
| HU100 | Introduction to Humanities | 4 |
| HU121 | Film in Society | 4 |
| HU130 | Spanish I | 4 |
| HU150 | Introduction to Literature | 4 |
| HU200 | Art in the Modern World | 4 |
| HU230 | Spanish II | 4 |
| HU310 | The Novel | 4 |
| HU315 | World Literature | 4 |
| NATURAL SCIENCE and MATHEMATICS | | |
| ^Students must complete either NS112 or NS116 | | |
| NS105 | Biology (required) | 4 |
| NS111 | Environmental Issues | 4 |
| NS112 | Topics in Mathematical Reasoning (required)^ | 4 |
| NS116 | College Algebra I (required)^ | 4 |
| NS121 | Earth Science | 4 |
| NS126 | Chemistry Today* | 4 |
| NS135 | Microbiology | 4 |
| NS140 | Anatomy and Physiology I | 4 |
| NS150 | Anatomy and Physiology II | 4 |
| NS216 | College Algebra II | 4 |
| NS305 | Statistics I | 4 |
| NS320 | Introduction to Decision Systems | 4 |
| NS351 | Statistics II | 4 |
| SOCIAL SCIENCE | | |
| SS103 | Global Citizenship (required) | 2 |
| SS116 | Introduction to Psychology | 4 |
| SS130 | Law in Society | 4 |
| SS140 | Interpersonal Relations (required) | 4 |
| SS145 | Introduction to Macroeconomics | 4 |
| SS200 | Introduction to Microeconomics | 4 |
| SS205 | Sociology | 4 |
| SS210 | Developmental Psychology | 4 |
| SS230 | Psychology of Personality | 4 |
| SS311 | Human Behavior | 4 |
| SS331 | International Economics | 4 |
| SS360 | Abnormal Psychology | 4 |
| Total General Education Minimum Credit Requirement | | 54 |

Total Program Minimum Credit Requirement

193

Notes:

Students are required to complete 30% of the program at the 300/400 level; this percentage includes both the specialization and general education credit requirements.

Students may be required to complete Foundations of Mathematics I and/or II and Foundations of Writing I and/or II based upon competency exam scores.

* Offered only at the Richfield, MN campus