

Veterinary Biomedical Technology

The Veterinary Biomedical Technology program prepares students for employment in veterinary technology, one of the fastest growing career fields nationwide. Veterinary biomedical technology students take courses in veterinary technology, as well as agricultural, biological, and chemical sciences to prepare them for success in the veterinary profession. At the completion of this program, students will be prepared to take the veterinary technology certification exam, the VTNE and apply for licensing in Texas.

This curriculum is designed to prepare individuals to assist veterinarians in preparing animals, equipment, and medications for examination and surgery; collecting specimens; performing laboratory, radiographic, anesthetic, dental procedures; assisting in surgery; and providing proper husbandry of animals and their environment.

Graduates may be employed in veterinary clinics; diagnostic, research, or pharmaceutical laboratories; zoos; academic institutions; or other areas associated with animal care.

The program has applied for AVMA accreditation; please note that application for accreditation does not guarantee accreditation, and applying for accreditation does not grant any temporary status of accreditation. Passing the national veterinary technician licensing examination and graduating from an accredited veterinary technology program are required for Texas licensure as an LVT.

Core Curriculum Courses

See the Core Curriculum Requirements (<http://coursecatalog.tamuc.edu/undergrad/core-curriculum-requirements/>) 42

Required Prerequisite Courses

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| AG 1131 | Intro To Agriculture | 1 |
| ENG 1301 | US-College Reading & Writing * | |
| or ENG 1302 | GLB/US-Written Argument/Research | |
| MATH 1314 | US-College Algebra * | |
| BSC 1406 | Introductory Biology I * | |
| CHEM 1305 | Introductory Chemistry I * | |
| or CHEM 1311 | General and Quantitative Chemistry I | |
| ANS 1119 | Introduction to Animal Science Laboratory | 1 |
| ANS 1319 | Introduction to Animal Science * | |
| VETT 100 | Introduction to the Profession of Veterinary Medicine | 3 |
| VETT 101 | Veterinary Medical Terminology | 1 |

Required Support Courses

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| PSY 2301 | Introduction to Psychology * | |
| PHIL 360 | US-General Ethics * | |

Required courses in the major

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| VETT 140 | Veterinary Office Skills and Procedures | 2 |
| VETT 220 | Humane Treatment and Handling of Animals | 2 |
| VETT 250 | Veterinary Professional Communications | 3 |
| VETT 300 | Clinical Veterinary Nutrition | 3 |
| VETT 305 | Veterinary Anatomy and Physiology I | 3 |
| VETT 306 | Veterinary Anatomy and Physiology I Dissection Lab | 1 |
| VETT 307 | Veterinary Anatomy and Physiology II | 3 |
| VETT 308 | Veterinary Anatomy and Physiology II Dissection Lab | 1 |
| VETT 310 | Veterinary Pharmacology | 3 |
| VETT 311 | Veterinary Pharmaceutical Calculations | 1 |
| VETT 325 | Veterinary Parasitology and Entomology | 3 |
| VETT 326 | Veterinary Parasitology and Entomology Laboratory | 1 |
| VETT 330 | Diagnostic Imaging for Veterinary Technicians | 3 |
| VETT 340 | Veterinary Clinical Pathology I | 3 |
| VETT 341 | Veterinary Clinical Pathology I Laboratory | 1 |
| VETT 342 | Veterinary Clinical Pathology II | 2 |
| VETT 345 | Small Animal Clinical Nursing Techniques | 2 |
| VETT 350 | Large Animal Clinical Nursing Techniques | 2 |
| VETT 400 | Veterinary Surgical Nursing | 2 |

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| VETT 410 | Veterinary Anesthesiology | 3 |
| VETT 411 | VETERINARY DENTISTRY: PRINCIPLES AND PRACTICES | 2 |
| VETT 412 | Anesthesia, Dentistry & Surgical Nursing Skills Laboratory I | 2 |
| VETT 413 | Anesthesia, Dentistry & Surgical Nursing Skills Laboratory II | 2 |
| VETT 430 | Emergency & Critical Care for Veterinary Technicians | 3 |
| VETT 451 | Veterinary Disease Management | 3 |
| VETT 460 | Lab Animal and Exotics Disease & Management | 3 |
| VETT 470 | Veterinary Nursing Senior Seminar - A Case Based Approach | 1 |
| VETT 471 | VTNE Preparation | 1 |
| VETT 472 | Clinical Competency Final Evaluation | 1 |
| VETT 1111 | Veterinary Clinical Externship I | 3 |
| VETT 2111 | Veterinary Clinical Externship II | 3 |
| VETT 3111 | Veterinary Clinical Externship III | 4 |
| Total Hours | | 120 |

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This course can be used to satisfy the Core Curriculum Requirements.

A grade of "C" or higher must be earned in all Veterinary Biomedical Technology Major courses required for this major.