

Veterinary Biomedical Technology B.S.

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 (<https://coursecatalog.tamuc.edu/undergrad/core-curriculum-requirements/>) 42

Required Prerequisite Courses

AG 1131	Intro To Agriculture	1
ENG 1301	College Reading & Writing *	3
or ENG 1302	Written Argument/Research	
MATH 1314	College Algebra *	3
BSC 1406	Introductory Biology I *	4
CHEM 1305	Introductory Chemistry I *	3
or CHEM 1311	General and Quantitative Chemistry I	
ANS 1119	Introduction to Animal Science Laboratory	1
ANS 1319	Introduction to Animal Science *	3
VETT 100	Introduction to the Profession of Veterinary Medicine	3
VETT 101	Veterinary Medical Terminology	1

Required Support Courses

PSY 2301	Introduction to Psychology *	3
PHIL 360	General Ethics *	3

Required courses in the major

VETT 140	Veterinary Office Skills and Procedures	1
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

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	2
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	5
Total Hours		120

* 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.

Course	Title	Hours
First Year		
Fall		
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	Hours	0
	Total Hours	0