

BS in Veterinary Technology

Degree Program Description

The BS in Veterinary Technology is an online program specifically designed to meet the needs of practicing registered veterinary technicians (RVTs). Students will earn an advanced degree in their field, enhance their professional knowledge base in multiple aspects of the veterinary sciences, and develop essential communication, leadership and practice management skills. Graduates will have competencies to function as veterinary team leaders, and transition into other animal health professions such as education, research, regulatory agencies, and pharmaceutical and industry careers.

Major Program Requirements

Students enrolling in the BSVT program will transfer between 39-43 veterinary technology specific credits dependent on their AAS program. They will also have variable general education credits transfer.

Students earning a BSVT are required to complete all University general education (<https://catalog.missouri.edu/academicdegreerequirements/generaleducationrequirements/>), University graduation (<https://catalog.missouri.edu/academicdegreerequirements/universityrequirements/>) and degree requirements, including selected foundational courses, which may fulfill some University general education requirements.

Required Courses

VET_TCH 3100	Biomedical Pathophysiology	3
VET_TCH 3450	General Veterinary Anesthesia	2
VET_TCH 3219	Elements of Comparative Anatomy	3
VET_TCH 3300	Animal Welfare and Ethics	3
VET_TCH 3326	Veterinary Pharmacology	3
VET_TCH 3400	Domestic Animal Behavior in Veterinary Practice	2
VET_TCH 4110	Veterinary Cytology	2
VET_TCH 4600W	Leadership and Communication for Veterinary Technicians - Writing Intensive	3
VET_TCH 4670	Veterinary Business and Practice Management Skills	3

Electives

VET_TCH 1010	Biomedical Career Explorations	1
VET_TCH 2085	Problems in Veterinary Biomedical Research	1
VET_TCH 2230	Farm Animal Sanitation and Disease Prevention	3
VET_TCH 3000	Specialty Careers for Veterinary Technicians	1
VET_TCH 3110	Small Animal Dentistry	3
VET_TCH 3250	Veterinary Clinical Parasitology	3
VET_TCH 3455	Veterinary Nursing for Lab Animals and Research	3
VET_TCH 4105	Veterinary Hematology and Clinical Chemistry	3
VET_TCH 4120	Principles of Toxicology	3
VET_TCH 4200	Small Animal Cardiology for Veterinary Technicians	2

VET_TCH 4250	Human-Animal Bond in Veterinary Practice	3
VET_TCH 4300	Clinical Veterinary Neurology	3
VET_TCH 4320	Small Animal Emergency and Critical Care	3
VET_TCH 4333	Veterinary Cell Biology	4
VET_TCH 4400	Veterinary Surgical Nursing	3
VET_TCH 4410	Small Animal Physical Rehabilitation	3
VET_TCH 4420	Canine and Feline Nutrition	3
VET_TCH 4451	Small Animal Anesthesia	1
VET_TCH 4452	Large Animal Anesthesia	1
VET_TCH 4500	Equine Critical Care and Nursing	3

* Courses required are currently in development and may change.

Semester Plan

Below is a sample plan of study, semester by semester. A student's actual plan may vary. First, two years of study are not listed, as all students will be transfer students and will have credits transferring into the program.

Third Year			
Fall	CR	Spring	CR
VET_TCH 3100	3	VET_TCH 3219	3
VET_TCH 3326	3	VET_TCH 3300	3
VET_TCH 3400	2	BSVT Elective	3
BSVT Elective	3	Gen Ed Requirement	6
Gen Ed Requirement	3		
			15
Fourth Year			
Fall	CR	Spring	CR
VET_TCH 3450	2	VET_TCH 4600W	3
VET_TCH 4110	2	VET_TCH 4001 ^{Business}	3
BSVT Elective	6	BSVT Elective	4
Gen Ed Requirement	4	Gen Ed Requirement	5
			15

Total Credits: 58

* Program is underdevelopment. Coursework suggested or required may change.