



Bachelor of Science in Agriculture Veterinary Technology

Murray State University offers a unique opportunity for those who are interested in the field of agriculture. This university offers a diversified program in the area of Animal Technology, with the option to focus intensely on a student's particular avenue of interest. Students enrolled in the Animal Technology program may choose to focus on Veterinary Technology or Pre-Veterinary Medicine.

Career Outlook

Veterinary Technology

This option prepares students for employment in veterinary practices, pharmaceutical manufacturing, universities,

This prepares students for acceptance into veterinary school at Auburn, Tuskegee, or other veterinary schools.

Academic Highlights

The Veterinary Technology program at Murray State University is a four-year baccalaureate program. Students in Veterinary Technology will be instructed in the health care of dogs, cats, laboratory animals, horses, beef, sheep, swine, and exotics. Students will also receive a semester of intense instruction from faculty at a veterinary diagnostic laboratory. This semester focuses on diagnostic and research techniques in large and small animals. The optional plan is designed for those students whose main goal is gaining acceptance into a veterinary school.

The Pre-Veterinary Medicine Program at Murray State University can meet the prerequisite requirements for any of the thirty-two veterinary schools in the nation. The state of Kentucky has contractual agreements with Auburn University for thirty-eight students and for four students at Tuskegee University. These spaces are available to legal Kentucky residents on a competitive basis.

Facilities

Hutson School of Agriculture facilities include the south wing of the Oakley Applied Science Building, the E.B. Howton Agricultural Engineering building, the Equine Instructional Facility, greenhouses, and five farm complexes.

The Veterinary Technology/Pre-Veterinary Medicine Program is located on the main farm complex in the A. Carman Animal Technology Center. The center houses classrooms, faculty offices, laboratories, a pharmacy, a surgery suite, kennels, and a radiology laboratory. It also has a large-animal area so students can work with cows, horses, swine, etc. The program is equipped with state-of-the-art supplies and equipment.

Organizations

- Animal Welfare Club**
- Block & Bridle**
- Christian Veterinary Fellowship**
- Horseman's Association**
- Livestock Judging Team**
- Swine Club**
- Veterinary Technology/Pre-Vet Club**

For More Information Contact

Recruitment Coordinator
Murray State University
Hutson School of Agriculture
(270) 809-3329
msu.ag@murraystate.edu



Visit Our Website
www.murraystate.edu/agr

Cat.	Dept.	No.	Description	Hrs.	Cat.	Dept.	No.	Description	Hrs.
				3	AGR		100T	Transitions	1
	COM	161	Intro. to Public Speaking		AGR		100	Animal Science	3
Written Communications					4	AGR	300	Principles of Animal Nutrition	3
	ENG	105	Critical Reading, Writing & Inquiry		AGR		310	Applications in Animal Technology	3
				4	AGR		339	Computer Apps for Ag	3
	BIO	101	Biological Concepts AND		AGR		399	Professional Development Seminar I	1
	BIO	100	Intro to Biology Lab		AGR		504	Diseases of Livestock	3
	MAT	140	CAGR 324 Veterinary Diagnostic Imaging	4	3				
				3					
				4	AGR		329	Introductory Veterinary Lab II	3
	CHE	105	Introductory Chemistry		AGR		332	Veterinary Nursing	3
Required Support Courses (Complete 1 of the following Emphases)						AGR	510	Animal Physiology	3
	AGR	331	Small Animal Diseases	3	AGR		540	Veterinary Surgery & Anesthesia	3
	AGR	340	Veterinary Laboratory Sciences	3	Complete at least 1 of the following:				
	AGR	400	Veterinary Microbiology	5	AGR		489	Cooperative Education/Internship	
	AGR	410	Advanced Veterinary Hematology	4	AGR		590	Internship in Animal Technology	
	AGR	420	Veterinary Clinical Chemistry	2			Unrestricted Electives		8-12
	AGR	430	Veterinary Parasitology	2	AGR		331	Small Animal Diseases	3
	AGR	511	Animal Anatomy Laboratory	2	AGR		340	Veterinary Laboratory Sciences	3
	AGR	550	Applied Pharmacology	3	AGR		400	Veterinary Microbiology	5
	CHE	210	Brief Organic Chemistry	3	AGR		410	Advanced Veterinary Hematology	4
	CHE	215	Brief Organic Chemistry Laboratory	1	AGR		420	Veterinary Clinical Chemistry	2
					AGR		430	Veterinary Parasitology	2
	AGR	313	Livestock Production Management Systems	3	AGR		511	Animal Anatomy Laboratory	2
	AGR	340	Veterinary Laboratory Sciences	3	AGR		550	Applied Pharmacology	3
	AGR	400	Veterinary Microbiology	5	CHE		210	Brief Organic Chemistry	3
	AGR	410	Advanced Veterinary Hematology	4	CHE		215	Brief Organic Chemistry Laboratory	1
	AGR	420	Veterinary Clinical Chemistry	2					4
	AGR	430	Veterinary Parasitology	2	BIO		570	Ichthyology	
	AGR				BIO		572	Herpetology	