

# 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 I	Public Speaking			AGR	100 Animal Scie	ence	3
Writ	Vritten Communications		4		AGR	300 Principles o	f Animal Nutrition	3	
	ENG	105 Critical F	Reading, Writing & Inquiry			AGR	310 Application	s in Animal Technology	3
				4		AGR	339 Computer A	Apps for Ag	3
	BIO BIO	101 Biologica 100 Intro to E	al Concepts <b>AND</b> Biology Lab			AGR	399 Professiona	l Development Seminar I	1
				4		AGR	504 Diseases of	Livestock	3
	MAT	140 CAGR	324 Veterinary Diagnostic Imagi	ng		3			
	3								

CHE	105 Introductory Chemistry	

#### Required Support Courses (Complete 1 of the following Emphases)

AGR	331 Small Animal Diseases	3
AGR	340 Veterinary Laboratory Sciences	3
AGR	400 Veterinary Microbiology	5
AGR	410 Advanced Veterinary Hematology	4
AGR	420 Veterinary Clinical Chemistry	2
AGR	430 Veterinary Parasitology	2
AGR	511 Animal Anatomy Laboratory	2
AGR	550 Applied Pharmacology	3
CHE	210 Brief Organic Chemistry	3
CHE	215 Brief Organic Chemistry Laboratory	1

AGR	313 Livestock Production Management Systems
AGR	340 Veterinary Laboratory Sciences
AGR	400 Veterinary Microbiology
AGR	410 Advanced Veterinary Hematology
AGR	420 Veterinary Clinical Chemistry
AGR	430 Veterinary Parasitology
AGR	

AGR	329 Introductory Veterinary Lab II	3
AGR	332 Veterinary Nursing	3
AGR	510 Animal Physiology	3
AGR	540 Veterinary Surgery & Anesthesia	3
Comple	3	
AGR	489 Cooperative Education/Internship	
AGR	590 Internship in Animal Technology	
	Unrestricted Electives	8-12

AGR	331 Small Animal Diseases	3
AGR	340 Veterinary Laboratory Sciences	3
AGR	400 Veterinary Microbiology	5
AGR	410 Advanced Veterinary Hematology	4
AGR	420 Veterinary Clinical Chemistry	2
AGR	430 Veterinary Parasitology	2
AGR	511 Animal Anatomy Laboratory	2
AGR	550 Applied Pharmacology	3
CHE	210 Brief Organic Chemistry	3
CHE	215 Brief Organic Chemistry Laboratory	1
		4
BIO	570 Ichthyology	
BIO	572 Herpetology	