MURRAY STATE UNIVERSITY
Hutson School of Agriculture

Bachelor of Science in Agriculture
Pre-Veterinary Medicine

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

Pre-Veterinary Medicine

This prepares students for entry into veterinary school at Auburn, Tuskeegee or other veterinary schools.

Veterinary Technology

This option prepares students for employment in veterinary practices, pharmaceutical manufacturing, universities, veterinary diagnostic laboratories, animal food production facilities, biological laboratories, veterinary schools, medical schools, industries that produce and market animal health products, food inspection, and animal health technological institutions.

Academic Highlights

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

The Veterinary Technology program at Murray State University is a four-year baccalaureate program. Students in Animal Health 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 at a veterinary diagnostic laboratory. This semester focuses on diagnostic and research techniques in large and small animals.

Visit Our Website at
www.murraystate.edu/agr

Organizations

Veterinary Technology/Pre-Vet Club

- Provides students with an opportunity to experience extracurricular events in their chosen field.
- Club members attend the Mid-America Veterinary Conference held in Kentucky.
- Allows students to hear speakers from across the country discussing issues in large animal, equine and small animal care programs.
- Students participate in campus activities, such as Doggie Day Spas and Animal Health Day, as well as sponsor continuing education programs for veterinarians, technologists and technicians.

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 four farm complexes located near campus.

TheVeterinary Technology/Pre-Veterinary Medicine Program is located on the main farm complex in the A. Carman Animal Health Technology Center. The center houses classrooms, faculty offices, laboratories, a pharmacy, surgery suite, kennels and an x-ray room. The program is equipped with state-of-the-art supplies and equipment.

For More Information Contact

Recruitment Coordinator
Hutson School of Agriculture
Murray State University
103 S. Oakley Applied Science Building
Murray, KY 42071-3345
(270) 809-3329
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MURRAY STATE UNIVERSITY
HUTSON SCHOOL OF AGRICULTURE
PRE-VETERINARY MEDICINE CURRICULUM
2011-2013 CATALOG

GENERAL EDUCATION/UNIVERSITY STUDIES COURSES

Dept.	No.	Description	Hrs.	Gr.
ORAL AND WRITTEN COMMUNICATION				**7 HRS**
ENG	105	Critical Reading, Writing & Inquiry	4	
COM	161	Intro. to Public Speaking	3	
SCI. INQUIRY, METHODS, QUANT. SKILLS				**14 HRS**
BIO	101	Biological Concepts	4	
CHE	201	General College Chemistry	5	
MAT	150	Algebra & Trigonometry	5	
WORLD HISTORICAL LIT. AND PHILOSOPHY				**6 HRS**
CIV	201	World Civilizations I	3	
HUM	211	Western Humanities Tradition	3	
GLOBAL AWARENESS AND CULT. DIVERSITY				**3 HRS**
		UNIV STUDIES ELECTIVE	3	
SOCIAL AND SELF AWARENESS				**6 HRS**
PSY	180	General Phychology	3	
SOC	133	Intro to Sociology	3	
UNIVERSITY STUDIES APPROVED ELECTIVES				**11 HRS**
CHE	202	General Chem & Qual	5	
CIV	202	World Civilizations II	3	
AGR	199	Contemporary Issues in Ag	3	
**		**3rd yr applicant must take**		
		HUM 212 & ENG LIT		
**		**Certification Additional**		
		Reg. AGR 340, 410, 420		
		430, 400, 511, 550		

AGRICULTURE CURRICULUM COURSES

Dept.	No.	Description	Hrs.	Gr.
AGRICULTURE CORE COURSES				**24-25 HRS**
AGR	099	Transitions (Freshmen Orientation)	1	
AGR	100	Animal Science	3	
AGR	300	Animal Nutrition	3	
AGR	310	App in Animal Technology	3	
AGR	339	Computer App for Ag	3	
AGR	399	Professional Development Seminar I	1	
AGR	501	Diseases of Livestock	3	
AGR	599	Ag Senior Capstone	1	
AGR AGR AGR AGR	170 377 373 374	Intro. to Ag Sys Tech **OR** Ag Safety **OR** Animal in Disaster **AND** Livestock in Disaster	3-4	
AGR AGR AGR	403 506 523	Equine Reproduction **OR** Repro Physiology **OR** AI Techniques for Cattle	3	
EMPHASIS COURSES				**22 HRS**
AGR	322	Vet Lab Principles	3	
AGR	324	Vet Diagnostic Imaging	3	
AGR	332	Animal Nursing	3	
AGR	510	Animal Anatomy & Physiology	3	
AGR	550	Pharmacology	3	
BIO	300	Intro to Microbiology	4	
AGR AGR	489 590	Coop Ed/Internship **OR** Internship in Animal Tech	3	
REQUIRED SUPPORT COURSES				**26 HRS**
BIO	221	Zoology	4	
CHE	312	Organic Chemistry I	5	
CHE	330	Basic Biochemistry	3	
PHY PHY	130 131	General Physics I **AND** General Physics I Lab	4	
PHY PHY	132 133	General Physics II **AND** General Physics II Lab	4	
CHE	320	Organic Chemistry II	3	
AGR	331	Small Animal Diseases	3	
Unrestricted Electives				**0-1 HR**