

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, veterinary diagnostic laboratories, animal food production facilities, biological laboratories, industries that produce and market animal health products, food inspection, and animal health technological institutions.

Pre-Veterinary Medicine

This prepares students for entry 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 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 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 Tuskegee Institute. These spaces are available to legal Kentucky residents on a competitive basis.

Visit Our Website
www.murraystate.edu/agr

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.

The Veterinary 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 a radiology laboratory. The program is equipped with state-of-the-art supplies and equipment.

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,

For More Information Contact

Recruitment Coordinator
Murray State University
Hutson School of Agriculture
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**MURRAY STATE UNIVERSITY
HUTSON SCHOOL OF AGRICULTURE
VETERINARY TECHNOLOGY CURRICULUM
2018-2019 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 12 HRS | | | | |
| BIO | 101 | Biological Concepts | 4 | |
| CHE | 105 | Intro to Chemistry I | 4 | |
| MAT | 140 | College Algebra | 4 | |
| 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 | | | | |
| AGR | 199 | Contemporary Issues in Ag | 3 | |
| | | Elective | 3 | |
| UNIVERSITY STUDIES APPROVED ELECTIVES 7 HRS | | | | |
| CHE | 210 | Brief Organic Chem AND | | |
| CHE | 215 | Organic Chem Lab | 4 | |
| | | UNIV STUDIES ELECTIVE | 3 | |

AGRICULTURE CURRICULUM COURSES

| Dept. | No. | Description | Hrs. | Gr. |
|--|------|------------------------------------|------|-----|
| AGRICULTURE CORE COURSES 24 HRS | | | | |
| AGR | 100T | 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 | 504 | Diseases of Livestock | 3 | |
| AGR | 599 | Ag Senior Capstone | 1 | |
| AGR | 170 | Intro. to Ag Sys Tech | OR | 3 |
| AGR | 377 | Ag Safety | OR | |
| AGR | 375 | Animal Emergency Preparedness | | |
| AGR | 403 | Equine Reproduction | OR | 3 |
| AGR | 506 | Repro Physiology | OR | |
| AGR | 423 | AI Techniques for Cattle | | |
| VETERINARY TECHNOLOGY OPTION COURSES 22 HRS | | | | |
| AGR | 322 | Vet Lab Principles | 4 | |
| AGR | 332 | Vet Nursing | 3 | |
| AGR | 324 | Vet Diagnostic Imaging | 3 | |

AGRICULTURE CURRICULUM COURSES CONTINUED

| | | | | |
|---|-----|---------------------------------|----|---|
| AGR | 329 | Intro to Vet Lab II | 3 | |
| AGR | 510 | Animal Anatomy & Phys | 3 | |
| AGR | 540 | Vet Surgery & Anesthesia | 3 | |
| AGR | 590 | Coop Ed/Internship | OR | 3 |
| AGR | 489 | Internship in Animal Tech | | |
| SELECT ONE EMPHASIS LISTED BELOW | | | | |
| VET TECH EMPHAISIS COURSES 30 HRS | | | | |
| AGR | 331 | Small Animal Diseases | 3 | |
| AGR | 340 | Vet Lab Sciences | 3 | |
| AGR | 400 | Vet Microbiology | 5 | |
| AGR | 410 | Adv Vet Hematology | 4 | |
| AGR | 420 | Vet Clinical Chemistry | 2 | |
| AGR | 430 | Vet Parasitology | 2 | |
| AGR | 511 | Animal Anatomy & Physiology Lab | 2 | |
| AGR | 550 | Applied Pharmacology | 3 | |
| | | AHT/ANIMAL SCIENCE ELECTIVE | 6 | |
| LARGE ANIMAL EMPHASIS COURSES 30 HRS | | | | |
| AGR | 302 | Horse Science | OR | 3 |
| AGR | 311 | Beef Science | OR | |
| AGR | 326 | Swine Science | OR | |
| AGR | 313 | Livestock Prod Mgt Sys | 3 | |
| AGR | 340 | Vet Lab Sciences | 3 | |
| AGR | 400 | Vet Microbiology | 5 | |
| AGR | 410 | Adv Vet Hematology | 4 | |
| AGR | 420 | Vet Clinical Chemistry | 2 | |
| AGR | 430 | Vet Parasitology | 2 | |
| AGR | 511 | Animal Anatomy & Physiology Lab | 2 | |
| AGR | 550 | Applied Pharmacology | 3 | |
| | | AHT/ANIMAL SCIENCE ELECTIVE | 3 | |
| ZOOLOGICAL/AHT EMPHASIS COURSES 31 HRS | | | | |
| AGR | 331 | Small Animal Diseases | 3 | |
| AGR | 340 | Vet Lab Sciences | 3 | |
| AGR | 400 | Vet Microbiology | 5 | |
| AGR | 410 | Adv Vet Hematology | 4 | |
| AGR | 420 | Vet Clinical Chemistry | 2 | |
| AGR | 430 | Vet Parasitology | 2 | |
| AGR | 511 | Animal Anatomy & Physiology Lab | 2 | |
| AGR | 550 | Applied Pharmacology | 3 | |
| | | AHT/ANIMAL SCIENCE ELECTIVE | 3 | |
| BIO | 570 | Ichthyology | 4 | |
| BIO | 572 | Herpetology | | |
| BIO | 573 | Ornithology | | |
| BIO | 574 | Mammalogy | | |
| UNRESTRICTED ELECTIVES 2-3 HRS | | | | |