COLLEGE OF SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS

Pre-Veterinary Medicine

SOUTHEAST MISSOURI STATE UNIVERSITY · 1873®

Pre-Professional Program

Pre-Veterinary Medicine

The pre-veterinary medicine program is designed for students who intend to go on to a veterinary medicine school and receive their DVM degree. One does not necessarily need a bachelor's degree to be admitted to a veterinary medicine program. Rather, students need to meet the requirements before applying; hence, it is a pre-professional program. Most of our students still obtain a B.S. degree. Recommended majors that are compatible with meeting the entrance requirements are Agribusiness: Animal Science or Chemistry. If one majors in Animal Science, the program is designed to substitute the classes that do not count toward finishing the pre-vet program, thus saving the student time to graduation. The program outlined is tailored for students who will go to the University of Missouri College of Veterinary Medicine or University of Illinois College of Veterinary Medicine. Students who wish to go to other schools will follow a similar program, but may need to fulfill different requirements. Students work closely with their pre-vet advisor in the Department of Agriculture to ensure they meet the requirements and are competitive when they apply.

Becoming Career Ready…

/ Faculty-mentored research and guidance will help you develop the professional skills needed for success in advanced study in graduate and professional programs. Students attend classes in the renovated Magill Hall furnished with modern equipment.

/ Completing a degree while at Southeast prepares students for entering the workforce immediately in various capacities of the animal and agriculture fields. Example job titles include veterinarian, veterinarian technician, veterinary hospital manager, animal research technician and food safety inspector.

/ 100% of Southeast programs offer real-world experience. Pre-veterinary medicine students are expected to shadow veterinarians and keep records of their experiences, as well as keep records of other animal experiences, from their years in high school through college. Students must demonstrate that they have:

- *Leadership skills (high school through college)*
- *A variety of interests (high school through college)*
- *Diversity (high school through college). This category includes more than race or ethnicity. It includes experiences with other cultures, socioeconomic statuses, etc.*
- *Motivation (high school through college). What sets you apart from others who apply for vet school?*

/ Pre-veterinary medicine students take a variety of science classes, including biology, chemistry and physics classes, as well as, courses in Animal Science which also help them gain animal experience. Helpful classes include Companion Animals, Domestic Animal Anatomy and Physiology, Animal Nutrition, Animal Handling and Animal Reproduction.

/ Pre-veterinary medicine students from Southeast have an acceptance rate of over 85% to the Veterinary College of their choice.

Applying to Vet School

Students may enter Veterinary School after completing their junior year, but most graduate with a Bachelor of Science first. The application process takes place during the summer prior to the year of entrance. The selection process occurs during that next school year.

Attributes of Successful Vet School Applicants

In order to be competitive with others applying to vet school, students should:

- *Have experience working with a variety of animal species*
- *Be familiar with the veterinary medical profession*
- *Be community minded and have demonstrated leadership*
- *Be able to relate to others*
- *Have developed time- and stress-management skills*
- *Be sincerely motivated*

Career Planning

/ You can maximize your career development by working closely with Career Services and Southeast faculty – they are here to help you connect your passions, interests and skills to jobs and opportunities in the field. Career Services provides professional career counseling and coaching, resume critiques, practice interviews, job search strategies, career events, networking opportunities and more.

Facilities

The department is committed to providing a variety of experiential learning opportunities for students majoring in agribusiness. Students gain experience at the following facilities:

- *David M. Barton Agriculture Research Center,*
- *Charles L. Hutson Horticulture Greenhouse,*
- *Charles Nemanick Alternative Agriculture Garden, and*
- *With individual faculty members on projects.*

For more information on the facilities, visit http://www.semo.edu/agriculture/facilities.htm.

Transfer and Dual Credit Students

If you have dual credit or transfer credit, please visit our transfer course equivalencies guide at semo.edu/transfercredit.

To learn more
Office of Admissions
(573) 651-2590
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www.semo.edu

To explore the College of Science, Technology, Engineering and Mathematics online, visit semo.edu/stem

For advising
Center for Academic Advising
semo.edu/advising

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