

## Minimum Standards for Pre-Veterinary Medical Scholars

1. Maintain a cum GPA of 3.30 or better in MU classes (semesters where a student is enrolled as a part-time student will not be used in the calculation of cumulative GPA). A student who fails to maintain a 3.30 cumulative GPA will have two successive full-time semesters to improve cumulative GPA to 3.30 or better. Failure to do so will result in dismissal from the program.

2. Required courses for admission must be taken at MU in Columbia (60 hours total). Elective courses may be taken elsewhere in summer, but grades will not be used in calculating the required cum GPA.

3. Make a B- or better in the 60 hours of required preprofessional courses. If more than one grade of less than a B- and greater than an F is obtained in any required course, a student will be dismissed from the program. A single failing grade in any required course will result in dismissal. *Note: This academic requirement also applies to the general and organic chemistry requirements for Biochemistry 3630.*

4. Take all required courses normally required to apply to the CVM. In addition, PVM scholars must take five credit hours from the list of Biomed courses shown in the chart on the reverse side of this pamphlet.

5. Maintain an average course load of 15 hours per semester (fall and spring only), exclusive of AP, CLEP, or advanced standing course hours.

6. Acquire at least 200 contact hours in high school or college observing a clinical veterinarian(s) practicing the profession. A minimum of 40 hours each with small-animal, equine and food-animal practitioners is required. No more than 100 of the required 200 hours is allowed to be completed in the MU Veterinary Medical Teaching Hospital.

7. Take the general Graduate Record Examination (GRE) or Medical College Admissions Test

(MCAT) and achieve the minimum cumulative score of 1120 and a 3.5 on the analytical section. Alternatively, a composite score of greater than or equal to 24 on the MCAT may be substituted for the GRE requirement.

8. Meet with mentor every month during the fall and winter semesters.

9. Become and remain an active member of the Pre-Veterinary Medicine Club and attend at least 10 meetings of the organization per year, or a pre-approved substitute. Substitute extracurricular activities require pre-approval by the associate dean for Academic Affairs.

10. Meet minimum attendance and participation requirements for supervised observation in the MU Veterinary Medical Teaching Hospital. These clinical rotations do not meet the requirement for experience with veterinarians as in requirement 6 (see above).

11. Complete the program within four years.

The University of Missouri does not discriminate on the basis of race, color, religion, national origin, ancestry, sex, age, disability or status as a disabled veteran or veteran of the Vietnam era. For more information, call Human Resource Services at 573-882-4256 or the U.S. Department of Education, Office of Civil Rights.

The University of Missouri complies with the Americans with Disabilities Act of 1990. If you have a disability and need accommodations, please notify us at 573-882-1902 as soon as possible, so that necessary arrangements can be made. TTY users: please call through Relay Missouri, 800-735-2966.

All statements in this publication are for information purposes only and should not be interpreted as being an offer for contract for any purpose.

## Columbia and MU



Columbia is listed consistently among the top 20 U.S. cities in several national rankings. This assessment is based on the community's low cost of living; its stable, service-oriented economy and low crime rate; and the availability of affordable housing and outstanding health care.

Columbia is centrally located 120 miles from both Kansas City and St. Louis. The college community of more than 90,000 people offers an unusual combination of rural and metropolitan experiences. There are 3,000 acres of state park lands within 10 miles of Columbia. The city itself has 1,500 acres of beautiful parks. Federal forests and wildlife refuges are nearby, as is the Katy Trail State Park, a hiking and biking trail that stretches across Missouri.

Columbia is only a few hours' drive from lakes and streams, ideal for float trips, camping and hiking. Urban hubs Kansas City and St. Louis both have major-league sports teams and world-class museums. MU itself offers Big 12 Conference football, basketball, baseball, and other sports.

The University of Missouri today is a major research university that enrolls about 24,000 students. MU is the premier public institution of graduate and professional training in selected areas and offers the only college of veterinary medicine in Missouri.

## Pre-Veterinary Medical

# Scholars Program



An early assurance of admission program for pre-veterinary medical students on the University of Missouri campus

**2008**  
**2009**

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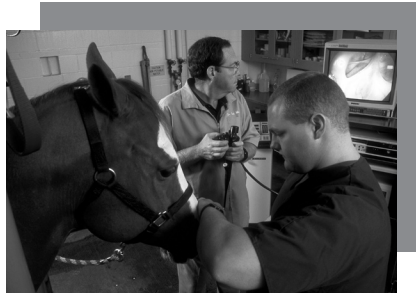
# University of Missouri Pre-Veterinary Medical Scholars Program

## Overview

This program provides early assurance of admission to the MU College of Veterinary Medicine to selected students pursuing undergraduate studies at the University of Missouri Columbia campus.

## Objectives

- Guarantee acceptance into the MU College of Veterinary Medicine upon satisfactory completion of the program's undergraduate requirements at the University of Missouri.
- Develop a mentoring relationship between pre-veterinary medical scholars and faculty in the MU College of Veterinary Medicine.
- Facilitate student involvement in research and clinical activities in the college.



## Eligibility

High school seniors and MU freshman with an ACT composite score of 30 or more, or an equivalent SAT score. Applicants must be in the top 25 percent of their high school class.

## Selection Process

Selection is based on meeting the academic eligibility requirements and attaining a satisfactory score from an interview. Applicants must show evidence of leadership, extra-curricular activities, and community involvement. US citizenship or permanent residency is required.

## Timetable

Deadline for application:

- Fall Semester: September 15
- Spring semester: April 1

Interviews are scheduled within two weeks of application deadlines. Notification of selection occurs soon after the interview.



## Activities

Pre-veterinary medical (PVM) scholars are assigned faculty mentors of their choice whenever possible. For example, if a scholar is interested in surgery, he or she will probably be assigned to a faculty member who teaches surgery.

Monthly meetings are required between PVM scholars and mentors. During these meetings, mentors review the scholars' progress, offer advice, and answer questions. Mentors also alert scholars to events at the MU College of Veterinary Medicine, such as Open House and the Gentle Doctor Benefit and Auction.

Scholars may attend or assist in such events. Scholars will be informed of research activities in the College of Veterinary Medicine and when possible, offered the opportunity to participate in research projects as a student assistant. Scholars assigned to clinicians may be able to attend case rounds and observe diagnostic or surgical procedures.

## Request an Application Packet

Send your request for an application packet to:

Pre-Veterinary Medical Scholars  
W-203 Veterinary Medicine Bldg.  
College of Veterinary Medicine  
University of Missouri  
Columbia, MO 65211

Or contact the admissions advisor at:  
573-884-6435 or by logging on to  
[http://cvm.missouri.edu/request\\_info.htm](http://cvm.missouri.edu/request_info.htm).

## Undergraduate Requirements

To retain status as a pre-veterinary medical scholar, a student must satisfactorily complete the following requirements as a full-time student within four years on the MU campus:

### Discipline and Examples of Courses that Meet Requirements

Discipline	Courses	Discipline	Courses
Communications 6 hours	English 1000, Speech 1200 or Writing Intensive Class	Biomed 1-400 Level <i>continued</i>	Biomed 1010, Biomedical Career Exploration  Biomed 4333, Veterinary Cell Biology
Mathematics 3 hours	Math 1100, College Algebra Statistics 1200, Introductory Statistical Reasoning (or higher)		Biomed 2140, Companion Animals
Biochemistry 3 hours	Biochemistry 3630, General Biochemistry (or higher)		Biomed 2420, Inactivity and Disease
Physics 5 hours	Physics 1210 and 1220		Biomed 2110, Biomedical Terminology
Biological Sciences 10 hours	Biology 1500, General Biology Biology 2300, Intro to Cell Biology AS3254, Physiology of Domestic Animals		Biomed 2120, Animal Handling and Physical Restraint
Social Sciences Humanities 10 hours	Economics, History, Political Sciences, Literature, Mythology, Philosophy, Psychology, Sociology, Anthropology		Biomed 2085, 3085, Problems in Biomedical Research
Biomed 1-400 Level 5 hours	Biomed 2940, Internship in Biomedical Sciences  Biomed 2230, Animal Sanitation and Disease Prevention  Biomed 3326, Pharmacology  Biomed 2210, Microbiology for Health Sciences		Biomed 2111, Veterinary Medical Terminology
		Electives	Biomed 4010, Life Sciences Research; Models and Methods  Open

Minimum semester hours: 60

## Employment Trends

Veterinarians held about 60,000 jobs in 2000. Approximately one-third were self-employed in solo or group practices. Most others were employees of another veterinary practice. The federal government employed about 800 civilian veterinarians, chiefly in the U.S. Departments of Agriculture and Health and Human Services. Other employers of veterinarians are state and local governments, colleges of veterinary medicine, medical schools, research laboratories, animal food and pharmaceutical companies and zoos.

Employment of veterinarians is expected to grow faster than the average for all occupations through 2010. Most veterinarians practice in animal hospitals or clinics and care primarily for companion animals. The number of dogs as pets is expected to increase more slowly than in the previous decade. However, faster growth of the cat population is expected to increase the demand for feline veterinary care. The number of jobs for large-animal veterinarians is also expected to grow. Demands in public health and food safety, international and national disease control programs, and biomedical research on human health problems will contribute to the need for veterinarians.