Minimum Standards for AgScholars

1. Maintain a cumulative GPA of at least 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). If a student fails to maintain a 3.30 cumulative GPA, he or she 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 cumulative GPA.

3. Make a B- or better in the 60 hours of required pre-professional 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.

4. Enroll as a freshman in the Animal Science Bachelor of Science degree program at the University of Missouri, complete all required courses listed in the AgScholars pre-veterinary curriculum (see list on reverse).

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 Graduate Record Examination (GRE) or the 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 fall and winter semesters. Mentors will be drawn from faculty in food-animal medicine and surgery, theriogenology and veterinary extension.

9. Become and remain an active member of the Pre-Veterinary Medicine Club and attend at least 10 meetings per year, or a pre-approved substitute. Substitute 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 required in item 6 (see above).

11. Complete internship between freshman and sophomore undergraduate years if required.

12. Complete the program within four years.

Employment Trends

Veterinarians held about 60,000 jobs in 2000. About 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. Job openings to replace veterinarians who retire or otherwise leave the labor force will be almost as numerous as new jobs resulting from employment growth.

The number of jobs for large-animal veterinarians in particular is expected to increase. Support for public health and food safety, international and national disease control programs, and biomedical research on human health issues will contribute to the demand.

Food-Animal Veterinarians at the University of Missouri

The MU College of Veterinary Medicine has a large and talented food-animal faculty that includes diplomats of the American College of Veterinary Internal Medicine, the American College of Theriogenology, the American Board of Veterinary Practitioners, and the American College of Veterinary Preventive Medicine. Board certification in these disciplines indicates a high level of clinical competence and specialization.

This extra training improves the quality of service to the animal-owning public and education at our college. In addition to our faculty’s clinical training, many of our food-animal faculty have completed graduate degrees and are involved in research programs in neonatal immunology, mastitis, reproductive biology, infectious livestock diseases, pharmacology, and nutrition.

Pre-Veterinary Medical Program

An early assurance of admission program to the MU College of Veterinary Medicine for selected MU animal science students

Visit our Web site at: www.cvm.missouri.edu

An equal opportunity/ADA institution

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.
**University of Missouri Pre-Veterinary AgScholars Program**

**Overview**
This program provides early assurance of admission to the MU College of Veterinary Medicine to selected students pursuing undergraduate animal science studies at the University of Missouri.

**Objectives**
- Guarantee acceptance into the MU College of Veterinary Medicine upon satisfactory completion of the program’s undergraduate requirements at MU.
- Develop a mentoring relationship between animal science students and MU College of Veterinary Medicine faculty.
- Facilitate student involvement in research and clinical activities in livestock medicine.

**Eligibility**
- High school seniors and MU freshman with an ACT composite score of 27 or more, or an equivalent SAT score.
- Applicants should demonstrate experience or interest in livestock production and health. Examples of appropriate experience may include participation in a livestock enterprise as either a family member or employee; enrollment in at least two years of high school agricultural coursework; and participation in FFA, 4H, or equivalent organizations with projects related to livestock production or health.
- Students who do not meet the standards of demonstrated experience or interest will be admitted if they agree to complete an internship in the summer between the freshman and sophomore or spring semester: April 1.

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

**Selection**
Selection is based on meeting the academic eligibility requirements and attaining a satisfactory score from an interview. Interviewers will review academic performance and assess involvement in extracurricular and community activities. U.S. citizenship or permanent residency is required.

**Activities**
Monthly meetings are required between pre-veterinary agricultural scholars and mentors. During these meetings, mentors will review the progress of scholars, offer advice, and answer questions. Mentors also alert scholars to events in the MU College of Veterinary Medicine that scholars may attend or assist. Scholars will be informed of research activities in the college and, when possible, offered the opportunity to participate in research projects as an assistant. Scholars assigned to clinicians may be able to attend case rounds and observe diagnostic or surgical procedures.

A pre-veterinary medical agricultural scholars organization arranges special demonstrations or presentations by veterinary medical faculty in various areas of specialization to all interested scholars.

**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.

**Request an Application Packet**
Send your request for an application packet to:
Pre-Veterinary Medical Agricultural Scholars W-203 Veterinary Medicine Bldg.
College of Veterinary Medicine University of Missouri Columbia, MO 65211
Or call 573-884-6435. http://cvm.missouri.edu/request_info.htm

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

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Required Courses</th>
<th>Hrs</th>
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<tbody>
<tr>
<td>Communications</td>
<td>English 1000, Exposition and Argument</td>
<td>3</td>
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<tr>
<td>9 hours</td>
<td>Select one: Communications 1200, Intro to Speech Comm</td>
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<tr>
<td></td>
<td>Ag Educ 2220</td>
<td>3</td>
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<tr>
<td></td>
<td>Agriculture 2190</td>
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<tr>
<td>Select one:</td>
<td>Ag Jour 3210, 3240, 3270</td>
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<td></td>
<td>Comm 3411, 3572, 3575, 3576</td>
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<td>Comm Sci and Disorders 1110</td>
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<td>English 2010, 2030</td>
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<td></td>
<td>Foreign Language</td>
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<tr>
<td></td>
<td>Theater 1400</td>
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<td></td>
<td>Rural Sociology 2225</td>
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<tr>
<td>Mathematics</td>
<td>Math 1100, College Algebra (or higher)</td>
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<td>6 hours</td>
<td>Statistics 1200, Introductory Stats Reasoning (or higher)</td>
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<tr>
<td>Biochemistry</td>
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<td>3 hours</td>
<td>Biological Sciences</td>
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<td>13 hours</td>
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<tr>
<td></td>
<td>AS3213 Genetics</td>
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<td></td>
<td>AS3254 Physiology of Domestic Animals</td>
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<td>Physics</td>
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<td>8 hours</td>
<td>Ag Economics 1041</td>
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<td>Social Sciences</td>
<td>Ag Economics 1042</td>
<td>3</td>
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<tr>
<td>9 hours</td>
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</tbody>
</table>

* Only selected courses in AS may fulfill the 10 credit hours of biological sciences required for admission into Veterinary Medicine. Contact the admissions advisor at 573-884-6435 for a comprehensive list.