MINIMUM STANDARDS FOR PRE-VETERINARY 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. If the student’s cumulative GPA falls below the program minimum of 3.30 a second time, it will result in automatic dismissal.

2. Required courses for admission must be taken at MU in Columbia (60 hours). 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 preprofessional courses. If more than one grade of a C or lower is obtained in any required course, a student will be dismissed from the program. An early assurance of admission program to the MU College of Veterinary Medicine for selected MU animal science students

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 250 contact hours in high school or college observing a clinical veterinarian(s) practicing the profession. No more than 100 of the required 250 hours is allowed to be completed in the University Veterinary Health Center.

7. Take the Graduate Record Examination (GRE) General Test. The minimum required score on the GRE general test is 310, adding the quantitative and verbal scores together. A minimum of 3.5 is required on the analytical section.

8. Meet with mentor the first month of every enrolled semester: Fall (September) and spring (January).

9. Become and remain an active member of the Pre-Veterinary Medicine Club and attend at least 10 meetings per year.

10. Meet minimum attendance and participation requirements for supervised observation in the MU Veterinary Health Center. These clinical rotations do not meet the requirement for experience with veterinarians as required in item 6.

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 573-882-4256 or the U.S. Department of Education, Office of Civil Rights.

The University of Missouri College of Veterinary Medicine has a large and talented food-animal faculty that includes diplomates of the American College of Veterinary Internal Medicine, the American College of Theriogenologists, 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 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.
academic per-
Selection is based on applicants meeting the
• Applicants must have demonstrated experience
• High school seniors and MU freshman with
Eligibility
• Enable students to receive a bachelor of science
• Facilitate student involvement in research and
• Enable students to receive a bachelor of science
degree with three or four years of undergradu-
Eligibility
• High school seniors and MU freshman with
• Applicants must have demonstrated experience
in livestock production and health. Examples of
appropriate experience may include par-
• Full-time agricultural students and MU College of
Veterinary Medicine faculty.
• Appoint an advisor for the program.
• Meet with the Pre-Veterinary Medical Agricultural
Scholars office for orientation.
• Maintain a grade point average of at least 3.0 on a
4.0 scale.
• Complete the Freshman Year (9 credits) of
required courses at MU.
• Fulfill the Sophomore Year (9 credits) of
required courses.
• Complete the Junior Year (15 credits) of
required courses.
• Complete the Senior Year (16–20 credits) of
required courses.

OVERVIEW
This program provides early assurance of admis-
sion 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 comple-
tion of the program’s undergraduate require-
ments 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 must have demonstrated experience
in livestock production and health. Examples of
appropriate experience may include par-
• Meet with the Pre-Veterinary Medical Agricultural
Scholars office for orientation.
• Maintain a grade point average of at least 3.0 on a
4.0 scale.
• Complete the Freshman Year (9 credits) of
required courses at MU.
• Fulfill the Sophomore Year (9 credits) of
required courses.
• Complete the Junior Year (15 credits) of
required courses.
• Complete the Senior Year (16–20 credits) of
required courses.

Selection
Selection is based on applicants meeting the
academic eligibility requirements, academic per-
formance, evidence of leadership, extra-curricular
activities and community involvement. U.S. citizen-
ship or permanent residency is required.

Activities
Meetings are required between scholars and men-
tors, during which 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 re-
search activities in the college and, when possible,
of the opportunity to participate in research
projects as an assistant. Scholars assigned to clini-
cians 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 vari-
ous areas of specialization to all interested scholars.

Timetable
Deadline for application:
• High school seniors: April 1
• University of Missouri first-time freshmen: September 15
Notification of selection occurs soon after applica-
tion deadlines.

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
573-884-3341
cvm.missouri.edu/request_info.htm

AgScholars Program

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 6 hours</td>
<td>English 1000, Exposition and Argument 3</td>
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<tr>
<td>Mathematics 6 hours</td>
<td>Math 1100, College Algebra (or higher) 3</td>
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<tr>
<td>Biochemistry 3 hours</td>
<td>Biochemistry 3630, General Biochemistry (or higher) 3</td>
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<tr>
<td>Biological Sciences 13 hours</td>
<td>Biology 1500 or FW1100, General Biology 5</td>
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<tr>
<td>Physics 8 hours</td>
<td>Physics 1210 and 1220 8</td>
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<tr>
<td>Social Sciences 9 hours</td>
<td>Select one: Ag Economics 1041 or 1042 3</td>
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<td>Accountancy 2010 3</td>
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<td></td>
<td>Economics 1014 or 1015 3</td>
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<td>Finances 1000, 2000 3</td>
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<tr>
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<td>Finpin 2183 3</td>
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<tr>
<td></td>
<td>History 1100, 1200 or 2440 3</td>
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<td>Pol Sci 1100 or 2100 3</td>
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<td>Approved social/behavioral science 3</td>
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Divisional Requirements
Freshman Year (9 credits)
AS 1001 LST Topics (Orientation; f) 1
AS 1001 LST 02 Topics (Bio of Anim Prod I; f) 4
AS 1175 Topics (Bio of Anim Prod II (sp) 4
Sophomore Year (9 credits)
AS 2001 LST 1 Topics (Careers in Animal Science; f) 1
AS 2001 LST 2 Topics (Animal Products & Biotech; f) 4
AS 2111 Soph Seminar (Wl; C+; sp) 3
Junior Year (15 credits)
AS 3242 (Pm & Appl of An Nutrition; f) 4
AS 3264 Physiology of Domestic Animals II (sp) 4
AS 4314 Repro Physiology (f; sp)* 3|
AS 4323 Appl Lvt Genetics (MRP, sp) or 3
AS 4324 Genomics of Plants & Animals (sp) 2
Senior Year (16–20 credits)
Animal Sciences Production Systems
Select two (one must be WI & C-)
AS 4975 Beef Prod & Mgt (sp; WI) 4
AS 4976 Dairy Prod (f; WI and non-WI option) 4
AS 4977 Horse Prod (sp; non-WI) 4
AS 4978 Swine Prod (f; WI and non-WI option) 4
AS 4979 Poultry Prod (sp; WI) 4
Advanced Nutrition (select one)
AS 4312 Monogastric Nutrition (f) 3
AS 4332 Ruminant Nutrition (sp) 3
Divisional requirements — credits must be approved through the Animal Science Department office.

Humanistic Studies and Fine Arts
6 hours
Approved humanistics studies or fine arts credit (English, Lit, Art, Music)