MS in Biomedical Sciences with Emphasis in Veterinary Sciences

Degree Requirements

- Completion of all graduate work attempted at MU with a GPA of 3.0 or better.
- A minimum of 30 semester hours of graduate course credit, including at least 15 hours of graded, 8000-level course work. No more than 40% of the 30-hour credit requirement can be satisfied by Research, Readings, and Problem Courses.
- As part of their program of study during their enrollment in the Veterinary Medicine and Surgery (VMS) graduate degree program, graduate students must receive a passing grade from an approved graduate-level experimental design or statistics course. Following a request by the student's major advisor, this requirement may be waived by the departmental graduate studies committee for those students who have successfully completed a similar course previously.
- All VMS graduate students must submit a report of progress and plans regarding their degree program to the Departmental Graduate committee by April 30 of each year they are enrolled in the program. This report must be derived from the outcome of at least one annual meeting of their graduate degree committee and must be signed by their major advisor. The Annual Review of Graduate Student Progress will be used by students and committees to satisfy these requirements.
- The Departmental Graduate committee will review all reports and will schedule meetings with students and their advisors if deficiencies are noted. Failure to comply may result in disqualification of the student. The major advisor will be disqualified from receiving internal discretionary grant funds during the following calendar year.
- Completion of a thesis describing original investigative research completed by the candidate. Detailed guidelines for preparation of the thesis are available through the Graduate School.
- Documentation of a passing evaluation on the defense of the thesis work by an examination committee (make-up of the committee is described in the graduate catalog) as well as demonstration of mastery of the fundamental principles of the work included in the course of study for the degree.
- The candidate must be enrolled at MU in the semester when their thesis work is defended.
- The master's degree must be completed within eight years of enrollment from the time the student is accepted into the degree program.

Advising and Support Services:

Director: C.B. Chastain, DVM, MS, DACVIM, Professor
Administrative Assistant: June Kelly, Administrative Associate I
Mizzou Online Advisor: Kelly Ross, Admissions and Recruitment Advisor, Mizzou Online

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>V_M_S 7320</td>
<td>Fundamentals of Small Animal Emergency and Critical Care</td>
<td>3</td>
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<tr>
<td>V_M_S 8040</td>
<td>Advanced Small Animal Clinical Nutrition</td>
<td>2</td>
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<tr>
<td>V_M_S 8405</td>
<td>Comparative Respiratory Pathophysiology</td>
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<td>V_PBIO 7210</td>
<td>Animal Issues in Disasters</td>
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<td>V_BSCI 7333</td>
<td>Veterinary Cell Biology</td>
<td>4</td>
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<tr>
<td>V_M_S 7510</td>
<td>Equine Clinical Anatomy: Forelimbs</td>
<td>1</td>
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V_PBIO 7110 Veterinary Cytology 2
V_PBIO 7120 Principles of Toxicology 3
V_M_S 8023 Internal Medicine Journal Review 1
V_M_S 8029 Emergency and Critical Care Journal Review 1
V_M_S 8090 Research in Veterinary Medicine and Surgery (Thesis) 1-99
V_M_S 8485 Problems in Veterinary Clinical Sciences 1-3