

APPLICATION FOR NEW COURSE

1. Submitted by the College of Agriculture Date: 6/29/2007
Department/Division proposing course: College of Agriculture - Equine Initiative

2. Proposed designation and Bulletin description of this course:

a. Prefix and Number EQM 351

b. Title Equine Health and Diseases

*If title is longer than 24 characters, write a sensible title (24 characters or less) for use on transcripts: Equine Health & Diseases

c. Courses must be described by at least one of the categories below. Include the number of actual contact hours per week for each category, as applicable.

- () CLINICAL () COLLOQUIUM () DISCUSSION () LABORATORY (3) LECTURE
() INDEPEND. STUDY () PRACTICUM () RECITATION () RESEARCH () RESIDENCY
() SEMINAR () STUDIO () OTHER - Please explain:

d. Please choose a grading system: [X] Letter (A, B, C, etc.) [] Pass/Fail

e. Number of credit hours: 3

f. Is this course repeatable? YES [] NO [X] If YES, maximum number of credit hours:

g. Course description:

This course will focus on health issues affecting the horse industry. Students will learn about the diseases and parasites affecting horses in Kentucky and across the nation. In addition, discussion will focus on management practices used on horse enterprises to reduce incidence of disease and maintain health for breeding horses, performance horses and the recreational horse.

h. Prerequisite(s), if any:

EQS 105 and major in Equine Science and Management BS degree program

i. Will this course be offered through Distance Learning? YES [] NO [X]

If YES, please identify one of the methods below that reflects how the majority of the course content will be delivered:

- Internet/Web-based [] Interactive video [] Extended campus [] Kentucky Educational Television (KET/teleweb) [] Other []
Please describe "Other":

3. Teaching method: [X] N/A or [] Community-Based Experience [] Service Learning Component [] Both

4. To be cross-listed as: Prefix and Number

Signature of chair of cross-listing department

5. Requested effective date (term/year): Fall / 2008

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6. Course to be offered (please check all that apply): Fall Spring Summer
7. Will the course be offered every year? YES NO
- If NO, please explain: _____

8. Why is this course needed?
- It is a core requirement for the proposed BS degree in Equine Science and Management.

9. a. By whom will the course be taught? Dr. Mary Rossano
- b. Are facilities for teaching the course now available? YES NO
- If NO, what plans have been made for providing them?
- _____

10. What yearly enrollment may be reasonably anticipated?
- 25-40

11. a. Will this course serve students primarily within the department? Yes No
- b. Will it be of interest to a significant number of students outside the department? YES NO
- If YES, please explain.
- It may be of interest, but at least initially, enrollment will be limited to majors.

12. Will the course serve as a University Studies Program course[†]? YES NO
- If YES, under what Area? _____
- [†]AS OF SPRING 2007, THERE IS A MORATORIUM ON APPROVAL OF NEW COURSES FOR USP.

13. Check the category most applicable to this course:
- traditional – offered in corresponding departments at universities elsewhere
 - relatively new – now being widely established
 - not yet to be found in many (or any) other universities

14. Is this course applicable to the requirements for at least one degree or certificate at UK? Yes No
15. Is this course part of a proposed new program? YES NO
- If YES, please name: BS in Equine Science and Management

16. Will adding this course change the degree requirements for ANY program on campus? YES NO
- If YES[‡], list below the programs that will require this course:
-

[‡]In order to change the program(s), a program change form(s) must also be submitted.

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17. The major teaching objectives of the proposed course, syllabus and/or reference list to be used are attached.
18. Check box if course is 400G or 500. If the course is 400G- or 500-level, *you must include a syllabus showing differentiation* for undergraduate and graduate students by (i) requiring additional assignments by the graduate students; and/or (ii) the establishment of different grading criteria in the course for graduate students. (See SR 3.1.4)

19. Within the department, who should be contacted for further information about the proposed new course?

Name: Dr. Robert Coleman Phone: 257-9451 Email: rcoleman@email.uky.edu

20. Signatures to report approvals:

<p style="text-align: center;"><u>6/29/2007</u></p> <p>DATE of Approval by Department Faculty</p>	<p style="text-align: center;"><u>Dr. Robert Coleman</u></p> <p style="text-align: center;"><i>R. Coleman</i></p> <p>printed name Reported by Department Chair signature</p>
<p style="text-align: center;"><u>12/17/2007</u></p> <p>DATE of Approval by College Faculty</p>	<p style="text-align: center;"><u>Dr. Michael Mullen</u></p> <p style="text-align: center;"><i>M. Mullen</i></p> <p>printed name Reported by College Dean signature</p>
<p style="text-align: center;"><u>5/6/08</u></p> <p>* DATE of Approval by Undergraduate Council</p>	<p style="text-align: center;"><u>S. GILL</u></p> <p style="text-align: center;"><i>S. Gill</i></p> <p>printed name Reported by Undergraduate Council Chair signature</p>
<p style="text-align: center;">_____</p> <p>* DATE of Approval by Graduate Council</p>	<p style="text-align: center;">/</p> <p>printed name Reported by Graduate Council Chair signature</p>
<p style="text-align: center;">_____</p> <p>* DATE of Approval by Health Care Colleges Council (HCCC)</p>	<p style="text-align: center;">/</p> <p>printed name Reported by Health Care Colleges Council Chair signature</p>
<p style="text-align: center;">_____</p> <p>* DATE of Approval by Senate Council</p>	<p style="text-align: center;">Reported by Office of the Senate Council</p>
<p style="text-align: center;">_____</p> <p>* DATE of Approval by University Senate</p>	<p style="text-align: center;">Reported by Office of the Senate Council</p>

*If applicable, as provided by the *University Senate Rules*

EQM 351

Equine Health and Diseases

This course will focus on health issues affecting the horse industry. Students will learn about the diseases and parasites affecting horses in Kentucky and across the nation. In addition, discussion will focus on management practices used on horse enterprises to reduce incidence of disease and maintain health for breeding, performance and recreational horses.

Instructor: Dr. F. Camargo - Stutzman
Office: 610 W. P. Garrigus Bldg.
Phone: 859-257-7525
Fax: 859-257-2534
E-mail: fernanda.camargo@uky.edu

Office Hours: After class or by appointment. My schedule changes frequently due to travel associated with my Extension work.

Mailbox

Located on the 6th floor of the W.P. Garrigus Building

Lectures

Tuesdays and Thursdays from 3:30 – 4:45 p.m. in room N12 of the Agriculture North building

Textbooks

There will be no assigned textbook for this course. However, students will be expected to read scientific journal articles and materials provided by the instructor. Reference materials such as the AAEP Vaccination Guidelines, Dental Care Guidelines will also be utilized in this course of study.

Learning Outcomes

At the end of the semester, students will be able to:

1. describe and discuss the immune system of the horse and how vaccination programs affect the horse's immunity and provides disease protection
2. describe and discuss the common diseases affecting the horse with an emphasis on those diseases of concern in Kentucky and the United States
3. describe and discuss the common parasites, both external and internal, of concern to horse owners and evaluate common parasite control practices.
4. develop and evaluate management practices that can be used for breeding operations, training and showing enterprises and the recreation horse to ensure healthy horses.

These learning outcomes will be achieved through lectures, invited presentations by industry professionals, class discussions and out-of-class assignments.

Grading

Assignments and quizzes	250 points
Test #1	100 points
Test #2	100 points
Test # 3	100 points
Final Comprehensive Exam	<u>150 points</u>
	700 points

Grades

A	630 points or more
B	560 to 629 points
C	490 to 559 points
D	455 to 489 points
E	Less than 455 points

Grading of Assignments

No makeup assignments will be given unless a student has a valid excuse for missing the work. Valid reasons for being excused are only those considered to be valid in the University of Kentucky regulations.

If an assignment is turned in after it is due, it will be graded, but the final grade for the assignment will be discounted by 10% for each day the assignment was late.

Except in situations where students are assigned to work in groups to complete an assignment, students are expected to work independently, providing original work. Material used for the assignment can be referenced. If the same work is handed in by two or more students, all students involved will receive a 0 grade.

Academic Integrity

Scholastic dishonesty is not tolerated. Forms of scholastic dishonesty include, but are not limited to: plagiarism (copying or using someone else's work as your own), utilization of unauthorized materials during academic evaluations. The first offense will result in a 0 grade for that assignment and may result in failure of the course.

For more information, see Part II, Section 6.3 through 6.4.3 of "the Code of Student Conduct" (<http://www.uky.edu/StudentAffairs/Code/part2.html>).

Tentative Schedule

This is a tentative lecture schedule and is intended as a guide. Changes may be necessary due to the availability of invited speakers or other issues that may arise during the semester.

Lecture	Topic
1	Introduction to the Course
2	Review of the Healthy Horse
3	Overview of Health Issues and their Impact on the Industry
4	The Equine Immune System
5	Development of Immunity in the Horse
6	Diseases of the Horse – Viral
7	Diseases of the Horse – Bacterial
8	Diseases of the Horse – Protozoal
9	Vaccines and how they differ
10	Test #1
11	Vaccination Programs
12	Vaccination Programs
13	On-Farm Disease Management – Routine Farm Practices
14	On-Farm Disease Management – Outbreak Control Practices
15	Emerging Disease Issues
16	Disease Surveillance / Diagnostics
17	Parasites affecting the Horse – External
18	Test #2
19	Control of External Parasites
20	Internal Parasites affecting the Horse
21	Internal Parasite control – Rotation/Resistance
22	Internal Parasite Control – Management
23	Non Infectious Diseases – Colic
24	Non Infectious Diseases – Recurring Airway Obstruction
25	Non Infectious Diseases – Laminitis
26	Non Infectious Diseases – Skeletal problems
27	Test # 3
28	Dental Care
29	Health Regulations – Local / National / International
30	Health care providers – Right to Practice Legislation
31	No class – Thanksgiving
32	Transportation Requirements
33	Issues Related to Transportation