



EQUINE HEALTH MANAGEMENT

ANS 3217C

DESCRIPTION

"An ounce of prevention is worth a pound of cure."

The horse industry is responsible for producing animals finely-tuned to perform a variety of tasks. Horses have adapted physically to perform as athletes, work livestock, and provide companionship. Keeping horses healthy in these diverse activities is a challenge. We will approach horse health from a physiological perspective. Learning to recognize a sick animal early on is key for successful treatment and prevention of health issues. Understanding how the horse and its pathogens function in their environment allows design of effective preventative strategies. Through class sessions and live animal labs students will learn techniques and gain experience in managing a healthy herd.

Instructor:

Dr. Samantha Brooks

Location:

Rm. 156, Animal Sciences/Horse Teaching Unit/TBA

Time:

3rd Per. R, 9:35-10:25am

Lab 0233, Per. 6-7, 1:00-2:45pm

Lab 4675. Per. 8-9, 3:10-4:55pm

Office Hours:

Thursday, 10-11am, or by appointment

Catalog Description

Credits: 2; Prerequisites: ANS 3006C; must be AL-equine option major.

Principles and practices for planning, implementing and maintaining equine herd health.

Objectives

At the conclusion of this course students will have the ability to:

1. Perform typical measurements of equine physiology and behavior, as well as recognizing deviations from normal for these observations.
2. Understand the biological rationale behind basic health care techniques in the horse.
3. Infer preventative strategies based on the biology of various pathogens and parasites.
4. Develop appropriate skills in the use of biologics, anthelmintics and health care equipment.
5. Perform methods of restraint and training necessary in safe administration of health care.
6. Create and execute a heard health management plan.

Communication

Course materials and communications will be hosted on a Canvas e-Learning site. Some assignments and assessments will only be accepted through Canvas. Email can be sent either through the Canvas system, or the standard @ufl.edu system. Please be sure you change your canvas settings so that you receive course announcements daily, not once a week, so that you get messages on time!

Keep in mind that while email is fast and simple, you should always use a courteous and professional attitude when communicating with your instructors and fellow students. Please be polite, use complete and grammatically correct sentences, and limit use of slang and abbreviations.

Textbook

AYHC Horse Industry Handbook, a guide to equine care and management. 2014 version.

Yes, the book really is necessary for the course, and yes, you will need it the first week.

No, you do not need to carry it to class each day.

Published by the American Youth Horse council:

<http://www.ayhc.com/#!/product-page/cn2k/085e539c-9755-5b86-2136-22629b3ff887>

The textbook is available in the bookstore or you may purchase the textbook online directly from the AYHC using the link above. Please plan for extra shipping time (2-3 weeks) if you use this method. The book is available both new and used elsewhere, but you must be careful that the edition you purchase has all updates and is current through 2014. Older versions can be updated by purchasing update packs from AYHC.

Course Credit and Assessments

- 40%- Three exams: two Mid-terms and one Final**, ~30 questions for each mid-term and ~50 for the final, comprising multiple choice, short answer, and short essay formats. The final is not cumulative, but good comprehension of concepts from the first half of class may be necessary in order to provide meaningful answers to questions on the final. On all exams we calculate the success rate for each and every question. Individual questions with a success rate lower than 50% are dropped from the exam as these may not have been clearly written, or cover a concept missed in the materials. Revised versions of these questions often re-appear on the final. *Students have a maximum of 1 week after an exam is returned to dispute a grade on an exam.* Disputes must be turned in on paper and include references to primary sources of information supporting the requested alternate answer in NIH format.
- 20%- Two group Projects**: “Disease Wiki” due at mid-term and “Behavior Observations” due at the end of the semester (both on the course schedule.) In the Disease Wiki project you will coordinate within your group to research and summarize key aspects of one infectious disease in the horse. The project will require work with your group both in-class and outside of normal class time. *Specifically, the behavior project requires a two-hour shift observing horses over a weekend.* Observations will take place **November 1-3rd this year**, please plan accordingly as there is no way to make-up this important lab time.
- 20%- Twelve reading comprehension quizzes**: 6-8 questions each, to be completed prior to the beginning of each class. This quizzes are designed to check your knowledge of the material presented in assigned readings. Our readings provide necessary background material. Completing these prior to class is key for getting the most out of our in-class time together. Quizzes are held in the Canvas system, open 9am Monday, and are due 9am each Thursday of class.
- 20%- In-class assignments and Lab write-ups** (due at the end of each lab). These short assignments are completed in class and cover concepts specific to that activity. Lab locations are listed in the schedule at the end of this syllabus. Most labs take place in the classroom at the [IFAS Horse Teaching Unit](#) (link to google maps location). The one major exception to this is our field trip to the Florida Equine Institute. *This is an all-day event on Sept. 19th, please notify other professors of your need to miss any classes.* You are required to register online in advance and will need to arrange your own transportation. Student registration is very reasonable and includes a *delicious* catered lunch, as well as a full day of educational presentations from some outstanding guest speakers. The trade fare provides an excellent opportunity to meet with many potential future employers in the equine industry, I suggest dressing smartly but comfortably. Car-pooling with other students works well, and we will have some limited space in vans if necessary.

Grading Scale

93-100%- A	80-82.9%- B-	67-69.9%- D+
90- 92.9%- A-	77-79.9%- C+	63-66.9%- D
87-89.9%- B+	73-76.9%- C	60-62.9%- D-
83-86.9%- B	70-72.9%- C-	60% and Below- E

Grades and Grade Points

For information on current UF policies for assigning grade points, see <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Dress Code

Working with horses on the farm requires appropriate clothing as a protective measure from a number of environmental hazards. These may include, but are not limited to, slobber, urine and various body fluids, manure, stinging insects, biting flies, hazardous plants, ropes and equipment, sun and heat exposure and of course, a generous amount of dirt and grime. For your own protection you are required to wear sturdy closed-toe shoes, long pants and a sleeved (short or long) shirt for ALL laboratory sessions. Flip-flops, sandals, bare midriffs, spaghetti-strap tops, shorts, short skirts and clothing that insufficiently covers your undergarments are specifically prohibited. Hats must be removed while in the classroom and during quizzes or exams. “Hat-hair” is not grounds for an exception to this rule.

Finally, as representatives of this class, our department, and our university you are always expected to dress and to act in a professional manner.

Cell Phone, Laptops and Other Technology

Cell phones must remain silenced and stored during class and labs unless specifically permitted for an activity or assignment.

Use of laptops, tablets, and internet connected devices is encouraged during specific sessions in this course. However, these devices do come with social responsibility. Students are expected to keep sounds turned off, not to distract those around them, and most of all to limit “multitasking” activities that will distract themselves (*ie* email and social media.) Excessive multitasking and disruptive use of electronic devices will result in a dismissal from the classroom.

Attendance and Make-Up Work

This course requires active participation, hands-on labs and discussion with your peers. As such attendance is imperative.

University policies for class attendance and make-up exams, assignments and other work can be found at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

It is your personal responsibility to obtain information presented in class. Documentation of approved absences (personal illness, family emergency etc.) must be presented within 5 days for arrangements to be made to make-up quizzes and assignments. University approved absences for sports and student organizations must be disclosed at least **two weeks** in advance.

Late assignments due to unexcused absence will be penalized 25% for the first 24 hours beyond the due date, 50% for 24-48hrs late and will not be accepted thereafter.

Online Course Evaluation Process

A statement informing students of the online course evaluation process such as: “Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/>.

Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>.

Academic Integrity and Plagiarism

As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: “*We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.*” You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied: “*On my honor, I have neither given nor received unauthorized aid in doing this assignment.*”

It is assumed that you will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see: <http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code>.

To help you navigate finding good quality references, citing sources appropriately and avoiding plagiarism we have partnered with your library to create a resource page specifically for this class:
<http://guides.uflib.ufl.edu/equinehealth>.

Software Use

All faculty, staff and students of the university are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against university policies and rules, disciplinary action will be taken as appropriate.

Services for Students with Disabilities

The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services and mediating faculty-student disability related issues. Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation

0001 Reid Hall, 352-392-8565, www.dso.ufl.edu/drc/

Campus Helping Resources

Students experiencing crises or personal problems that interfere with their general well-being are encouraged to utilize the university's counseling resources. The Counseling & Wellness Center provides confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students having personal problems or lacking clear career or academic goals, which interfere with their academic performance.

- *University Counseling & Wellness Center, 3190 Radio Road, 352-392-1575, www.counseling.ufl.edu/cwc/ Counseling Services, Groups and Workshops, Outreach and Consultation, Self-Help Library, Wellness Coaching*
- U Matter We Care, www.umatter.ufl.edu/
- *Career Resource Center, First Floor JWRU, 392-1601, www.crc.ufl.edu/*

The course schedule is subject to change to accommodate guest speakers!!!

DATE	Class Topic	Lab	Location	Readings	Due, Quiz
8/22	Intro/Euthanasia	The Normal Horse	HTU	Syllabus, 470, 425, 775, 780	Intro Survey Syllabus Quiz
8/29	Alternative Therapies	First Aid	HTU	Handout, Canvas	Lab, Quiz
9/5	Infectious Disease I	Vaccinations	HTU	445, 605-630	Lab, Quiz
9/12	Infectious Diseases II	Acupuncture – Dr. Mallicote	HTU	440, 465, 1160	Lab, Quiz
9/19	Equine Institute	Southeastern Livestock Pavilion	Ocala	645-665, 680, 685	Register by 9/13!! Post-quiz
9/26	EXAM 1/ Diseases Wiki Group Project	Restraint- Mr. McQuagge	HTU	Canvas	Lab, No-Quiz
10/3	Lameness I	Managing hoof problems- Bruce/Billy	HTU	505-555, Canvas	Lab, Quiz
10/10	Lameness II/ Pre-purchase	Evaluating Lameness	HTU	230, 455, Canvas	Diseases Wiki Project, Quiz
10/17	Behavior	Behavior Observations	HTU	1220, 1240, Canvas	Lab, Quiz
10/24	Internal Parasites I	Dentistry- Mr. Rowles	HTU	240, 405	Lab, Quiz
10/31	EXAM 2/ Internal Parasites II	Parasite Evaluation	155 ANS	430 and Canvas	Lab, Quiz
11/7	External Parasites- Dr. Hogsette	External Parasite Control	Ent&Nem 2217	415 and Canvas	Lab, Quiz
11/14	Colic- Dr. House	Non-infectious Disease	HTU	435a, 460, 640, 670, 675, 795	Lab, Quiz
11/21	Biosecurity	Observation Presentations	201 Dairy	475 and Canvas	Quiz, Observations Paper
11/28	HOLIDAY!!!	-	-	-	-
12/10	FINAL EXAM	5:30 pm - 7:30 pm Exam Group 10E	156 ANS	-	-

