Clinical Medicine and Surgery of Rabbits, Rodents and Ferrets

VEM 5364

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I. Course information

Number: VEM 5364
Course Title: Clinical Medicine and Surgery of Rabbits, Rodents and Ferrets
Phase: III
Semester: Spring
Year: 2016
Course credit: 1

II. General information

Course coordinator: Dr. Ramiro Isaza
Office location & office hours: VC-75, 8am – 5pm
Office phone number: (352) 294-4443
Email: isazar@ufl.edu

Invited Course Faculty: Dr. Kohles

III. Course description

This one-credit course is an introduction to the clinical medicine of rabbits, rodents and ferrets. The overall course objective is to learn the basics of clinical medicine of Rabbits, Rodents and Ferrets as seen in private practice.

General student learning outcome

The students will learn the principles of clinical medicine of rabbits, rodents and ferrets in the context of providing clinical care in a private practice setting.

Specific student learning outcomes

Introduction:

- Students will understand the basic zoology and natural history of ferrets, rabbits, and rodents. The various veterinary sub-specialties that include these species and the equipment needed to start a private practice evaluating these species.

Ferrets:

- Students will understand the biology, anatomy, husbandry, physical exam, clinical pathology, and radiology of ferrets.
- Students will be able to evaluate and describe the clinical features, diagnostics, and treatment of gastrointestinal, cardiovascular, respiratory, viral, and non-endocrine neoplastic diseases of ferrets.
- Students will be able to evaluate and describe the clinical features, diagnostics, and treatment of endocrine and urogenital diseases of ferrets.
- Students will understand and be able to evaluate the surgical techniques common in ferrets.
Rabbits:

- Students will understand the biology, anatomy, husbandry, physical exam, clinical pathology, and radiology of rabbits.
- Students will be able to evaluate and describe the clinical features, diagnostics, and treatment of respiratory, neurological, and common viral diseases of rabbits.
- Students will be able to evaluate and describe the clinical features, diagnostics, and treatment of reproductive and gastrointestinal diseases of rabbits.

Rodents:

- Students will understand the biology, anatomy, husbandry, physical exam, clinical pathology, and radiology of rodents.
- Students will be able to evaluate and describe the clinical features, diagnostics, and treatment of the common diseases of rats, mice, hamsters, gerbils.
- Students will be able to evaluate and describe the clinical features, diagnostics, and treatment of the common diseases of guinea pigs, chinchillas, Degus, and prairie dogs.
- Students will understand and be able to evaluate the surgical techniques common in rabbits, rodents and other small mammals.

Other species and general topics:

- Students will understand and be able to evaluate the dental techniques and procedures common in rabbits, rodents and other very small mammals.
- Students will examine and understand the importance of zoonotic diseases in rabbits, rodents and other small mammals that impact private practice.
- Students will be able to evaluate and describe the clinical features, diagnostics, and treatment of the common diseases of other small mammal species that are commonly presented for treatment.
- The student will demonstrate the ability to integrate the lecture material to recognize, interpret, and provide initial treatment plans for rabbits, rodents and ferrets using case presentations.
IV. Course Materials

Recommended/Reference texts: None
Additional Resources/equipment: None

V. Evaluation/Grading/Testing:

Exam and Grades: A letter grade will be given. There will a written assignment (20%), attendance (20%) and a final examination (60%). The format of the test is multiple choice and/or short answer. Test material will be from material presented in the lectures and the textbook.

Letter grade assignments:

Don’t forget to evaluate your instructors:

Visit the UF Evaluation site at: https://evaluations.ufl.edu/evals/

VI. Administrative Policies:

Remediation: N/A
Attendance Policy: There will be a sign in sheet at the beginning of each lecture. In order to receive a passing grade you will be allowed only two unexcused absences. An excused absence is one in which there is illness, death in the family or some other mitigating circumstance.
Academic Honesty: The policies given in the student handbook will be strictly followed.

VII. Office hours:

E-mail is the best way to schedule an appointment.

Please contact the course director at isazar@ufl.edu