

VEM5313 Poultry Diseases

SEMESTER: FALL 2021

CREDIT HOURS: 1

GRADING SYSTEM: A-E GRADING

PHASE: IV

Course Coordinator

Name: John F. Roberts DVM, Dipl ACVP

Department of Comparative, Diagnostic and Population Medicine

Phone: 352-294-4018

Email: john.roberts1@ufl.edu

Course Description

POULTRY DISEASES (VEM5313) provides an introduction to viral, bacterial, and protozoal agents of veterinary and zoonotic infectious diseases as well as some nutritional deficiencies of turkeys and chickens. The purpose of the course is to provide the uniform conceptual knowledge base in infectious and nutritional diseases, especially observed in backyard and pet flocks.

Student Learning Outcomes

After successful completion of this course, students will be able to:

1. Be aware of the most important pathogens of chickens and turkeys
2. Match etiologic agents to the diseases they cause
3. Recognize characteristic signs of specific infectious and nutritional diseases
4. Identify pathogens based on clinical and laboratory information provided
5. Name common immunizations and preventative measures for major poultry diseases
6. Interpret clinical case phenomena in terms of causes and mechanisms of infectious diseases
7. Know mechanisms of biosecurity suited for specific pathogens

Course Schedule

This weekly schedule contains topics and exams. Please refer to Canvas for updates and announcements to any changes to this schedule.

Class meetings will be held in the Lecture Hall B unless otherwise specified.

<i>Date and Time</i>	<i>Topic/Module/Unit</i>	<i>Faculty</i>	<i>SLO # Above</i>	<i>Contact Hours</i>
09-07-2021 3:00-4:50 pm Delivered in Lecture Hall B	Diagnostics of poultry flocks, avian anatomy and relationship to disease and immunology	Roberts	1-7	2.0
09-08-2021 3:00-4:50 pm Delivered by Zoom Conference in Canvas	Trends in the industry, biosecurity	Butcher	1-7	2.0
09-09-2021 3:00-4:50 pm Delivered in Lecture Hall B and by Zoom Conference in Canvas	Production diseases	Butcher	6	2.0
09-10-2021 3:00-4:50 pm Delivered in Lecture Hall B and by Zoom Conference in canvas	Diseases at hatchery and neonate/ Viral Disease	Lima/ Roberts	1-7	2.0
09-13-2020 10:30 -12:30 pm Delivered in Lecture Hall B and by Zoom Conference in Canvas	Viral disease	Roberts	2,4,6	2.0
09-14-2021 1:00-2:50 pm Delivered in Lecture Hall B and by Zoom Conference in Canvas	Bacterial diseases - Infectious coryza, Colibacillosis	Kariyawasam	2,4,6	2.0
09-15-2021 1:00-2:50 pm Delivered in Lecture Hall B and by Zoom Conference in Canvas	Fowl cholera, Tuberculosis, Mycoplasmosis	Kariyawasam	2,4,6	2.0
09-16-2021 1:00-2:50 pm Delivered in Lecture Hall B and by Zoom Conference in Canvas	Salmonellosis/Parasitology	Kariyawasam/Roberts	2,4,6	2.0

<i>Date and Time</i>	<i>Topic/Module/Unit</i>	<i>Faculty</i>	<i>SLO # Above</i>	<i>Contact Hours</i>
09-17-2021 1:00-2:50 pm Lecture Hall B	FINAL EXAM	Roberts		
		Total	18	18.0

Required Textbooks and/or Course Materials

SCAVMA notes (provided by Dr. Romero)

Recommended Textbooks and/or Course Materials

- Diseases of Poultry, 13th edition (2013). David E. Swayne, Editor in Chief. Wiley-Blackwell, Publishers.
- The Merck Veterinary Manual, 11th Edition. 2016. Susan E. Aiello, Editor in Chief, 2016 or newer edition.

Methods of Evaluation

Grades will be calculated based on the following:

Item	Weight
Final exam	100 %

Note: Late assignments will not be accepted.

Grading Scheme

Course grades will be assigned based on the following grading scheme. This grading scale is **final**.

Letter	Scale
A	100.00 – 94.00
A-	93.99 – 90.00
B+	89.99 – 87.00
B	86.99 – 84.00
B-	83.99 – 80.00
C+	79.99 – 77.00
C	76.99 – 74.00
C-	73.99 – 70.00
D+	69.99 – 67.00
D	66.99 – 64.00
D-	63.99 – 61.00
E	60.99 – 0

Course Policies

DVM curriculum policies are consistently held and reinforced across all DVM courses. Please visit the DVM webpage and review the curriculum policies listed within the [Online Student Handbook](#).

Curriculum Policies

DVM curriculum policies are consistently held and reinforced across all DVM courses. Please visit the DVM webpage and review the curriculum policies listed within the [Online Student Handbook](#).

Students with Accommodations

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the Disability Resource Center by visiting www.disability.ufl.edu/students/get-started. It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester. **Students in UF Health Sciences programs should be mindful that unique course accommodations may not be applicable in a clinical, fieldwork or practicum setting. Thus, planning a semester in advance with the DRC Health Sciences Learning Specialist, Lisa Diekow ldiekow@ufsa.ufl.edu , is highly encouraged.**

The DRC is located on the main UF campus. ASA (Office for Academic and Student Affairs) works closely with the DRC to ensure student accommodations are met in the classroom and during exams. Melissa Pett in ASA assists in coordinating exams and meeting recommended disability-related requirements for students with accommodations (melissacox@ufl.edu).

Course and Instructor Evaluation

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 on the [GatorEvals Webpage](#). 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 the [Online Platform](#). Summaries of course evaluation results are available to students at the [GatorEvals Public Results Webpage](#).

Appendix A: Faculty Lecturers

John F. Roberts DVM, Dipl ACVP

Department of Comparative, Diagnostic and Population Medicine

Phone: 352-294-4018

Email: john.roberts1@ufl.edu

Office Hours: By appointment only.

Subhashinie Kariyawasam, BVSc/PhD

Department of Comparative, Diagnostic & Population Medicine, Veterinary Academic Building VAB

(352) 294-8794

skariyawasam@ufl.edu

Office Hours: By appointment only.

Gary D. Butcher DVM, PhD, Dipl ACPV
Professor
Dept of Large Animal Clinical Sciences
butcher@ufl.edu
Office Hours: By appointment only.

Vinicius Lima DVM
Graduate Research Assistant
Dept of Large Animal Clinical Sciences
v.lima@ufl.edu
Office Hours: By appointment only.

Appendix B: Other Information