VCS8001: INTRODUCTION TO FOOD ANIMAL MEDICINE

Effective Term
Semester A 2025/26

Part I Course Overview

Course Title
Introduction to Food Animal Medicine

Subject Code
VCS - Veterinary Clinical Sciences
Course Number
8001

Academic Unit
Veterinary Clinical Sciences (VCS)

College/School
Jockey Club College of Veterinary Medicine and Life Sciences (VM)

Course Duration
One Semester

Credit Units
3

Level
R8 - Research Degree

Medium of Instruction
English

Medium of Assessment
English

Prerequisites
Nil

Precursors
Nil

Equivalent Courses
Nil

Exclusive Courses
Nil

Part II Course Details

Abstract

Three-credit course consisting of sessions on selected topics in food animal production medicine.

The purpose of the course is to provide an interdisciplinary setting for faculty and graduate students from the Jockey Club College of Veterinary Medicine & Life Sciences to discuss current research on topics related to food animal production medicine. Graduate students are mandatory to attend all sessions, participate actively in the discussion, and present a seminar at the end of the semester. In case of proved sickness, weather emergencies, etc. zoom participation will be granted.

The objectives of the course are to provide the knowledge and tools to prepare and present a research seminar to boost critical thinking and communication skills on a scientific discussion environment on topics in food animal production medicine.

Course Intended Learning Outcomes (CILOs)

	CILOs	Weighting (if app.)	DEC-A1	DEC-A2	DEC-A3
1	Discuss selected research topics in food animal production medicine.	40	x	x	
2	Prepare a research topic related to food animal production medicine.	20	x	x	x
3	Present a research topic related to food animal production medicine, applying the scientific method.	40	x	x	x

A1: Attitude
Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

A2: Ability
Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to real-life problems.

A3: Accomplishments
Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

Learning and Teaching Activities (LTAs)

	LTAs	Brief Description	CILO No.	Hours/week (if applicable)
1	Lectures	Lectures will be provided by experts in food animal production medicine considering swine, poultry, dairy cattle, beef cattle, sheep, goats, camelids and fish production systems. The knowledge obtained on these lectures will be used as platform to use reflective thinking and interactive learning to prepare a research seminar.	1, 2, 3	

2	Individual and Group work	Activities will include lecture presentations, group discussion, critique of research design and methodology of scientific journal articles and case reports, proposal preparation, and presentation of seminars.	1, 2, 3	

Assessment Tasks / Activities (ATs)

	ATs	CILO No.	Weighting (%)	Remarks ("-" for nil entry)	Allow Use of GenAI?
1	Individual presentation	1, 2, 3	100	-	No

Continuous Assessment (%)

100

Assessment Rubrics (AR)

Assessment Task

Individual presentation

Criterion

Ability to show the learning progress, analyse and express the synthesis of ideas

Excellent

Outstanding performance on all CILOs. Strong evidence of original thinking; good organization, capacity to analyse and synthesize; superior grasp of subject matter; evidence of extensive knowledge base.

Good

Substantial performance on all CILOs. Evidence of grasp of subject, some evidence of critical capacity and analytic ability; reasonable understanding of issues; evidence of familiarity with literature.

Fair

Satisfactory performance on the majority of CILOs possibly with a few weaknesses. Being able to profit from the course experience; understanding of the subject; ability to develop solutions to simple problems in the material.

Marginal

Low performance on the majority of CILOs. Several weaknesses. Low capacity to profit from the course experience; understanding of the subject; ability to develop solutions to simple problems in the material.

Failure

Unsatisfactory performance on a number of CILOs. Failure to meet specified assessment requirements, little evidence of familiarity with the subject matter; weakness in critical and analytic skills; limited or irrelevant use of literature.

Part III Other Information

Keyword Syllabus

Scientific method, study design, food animal production, research methodology, research preparation and presentation

Reading List

Compulsory Readings

	Title
1	Dairy Production Medicine. Editor(s): Carlos A. Risco D.V.M., Dipl. ACT; Pedro Melendez Retamal D.V.M., M.S., Ph.D., First published:30 August 2011. Print ISBN:9780813815398
2	Herd Health, Food Animal Production Medicine. Otto M. Radostits, 3rd Edition, Saunders; 3rd edition (August 6, 2001)
3	Current Veterinary Therapy: Food Animal Practice, David E. Anderson DVM MS DACVS, Michael Rings DVM MS DACVIM, 5th Edition, Saunders; 5th edition (July 31, 2008)
4	Modern Livestock & Poultry Production, Frank Flanders, James R. Gillespie, 9th Edition, Cengage Learning; 9th edition (February 2, 2015)
5	Modern Livestock and Poultry Production. Keshav & Ram Prakash Singh. Biotech (January 1, 2018)