

Course Title	Farm animal Core Clinical Rotation
Course Code	Vet-502
Course Type	Required
Year	5
Course duration	6 weeks (10 hours daily)
ECTS	12
Course Purpose and Objectives	<p>The main objectives of the course are:</p> <ul style="list-style-type: none"> • To produce a graduate able to take history of an individual production animal of herd, able to perform physical examination, familiar with the practical and clinical aspects of differential diagnosis, disease management and treatment and control on an individual animal and whole herd basis. The student should be able to recognize diseases by organ systems or presenting signs and will include consideration of productivity and cost of a preventative medicine program. The student should be able to perform diagnostic procedures and collect samples and interpret test results. Be able to plan treatment and administer medications while taking in consideration responsible use of drugs including antibiotics and anthelmintics. The student should know the aspects of anesthesia in the bovine, and surgical procedures. The student should be able to make correct and accurate records. The student should be able to communicate with the farmers and owners and advise them regarding husbandry and preventive medicine • To produce a graduate familiar with fertility programs and problems, able to use necessary equipment and drugs and able to perform clinical examination of the reproductive tract. Able to advise the farmer in reproductive management of both individual production animals and the herd/flock. • To produce a graduate able to evaluate herd/flock management, analyze records and understand economic implications of health problems, help prevent zoonotic outbreaks and interpret epidemiological clinical and laboratorial findings

	<p>related to public health. Make short- and long-term recommendations for disease control and prevention. Provide relevant biosecurity protocols.</p>
<p>Learning Outcomes</p>	<p>At the end of the rotation the student is able:</p> <ol style="list-style-type: none"> 1. To communicate with farmers owners and to communicate with staff and peers 2. To take accurate and relevant history 3. To evaluate clinical condition based on thorough physical examination 4. To demonstrate understanding of etiology, pathogenesis, pathology, and clinical signs/presentation of common diseases of cattle 5. Possess essential information to enable diagnosis, treatment, prevention, and control of cattle diseases in the individual, group or herd 6. To demonstrate knowledge and understanding of relevant and effective treatments of individual animals and of herd programs of preventative medicine 7. To possess essential information to enable diagnosis and treatment of conditions requiring surgery 8. To be familiar with concepts of assurance, biosecurity and disease accreditation schemes and population medicine 9. To have basic understanding of the economics of individual treatment and whole herd management 10. To be familiar with routine fertility visits, know the equipment and drugs that need to be taken to such visit 11. Be able to conduct a clinical examination of the reproductive tract 12. Be able to record the findings of such visits 13. Be able to create an appropriate herd health plan 14. Be able to evaluate herd/flock management and husbandry 15. Be familiar with typical records kept in farm enterprises, be able to retrieve and accurately analyze records kept on such systems 16. Be able to understand the economic implications of herd health problems 17. Be able to use verbal and written reporting on a herd or flock assessment
<p>RCVS Day 1 skills</p>	<p>RCVS#3, RCVS#7, RCVS#8, RCVS#9, RCVS#10, RCVS#13, RCVS#14, RCVS#15, RCVS#16, RCVS#17, RCVS#19, RCVS#20, RCVS#21, RCVS#22, RCVS#23, RCVS#24, RCVS#25, RCVS#26, RCVS#27, RCVS#28, RCVS#29, RCVS#30, RCVS#31, RCVS#32, RCVS#33, RCVS#34,</p>

	RCVS#35, RCVS#36, RCVS#37, RCVS#38, RCVS#39, RCVS#40, RCVS#41, RCVS#42, RCVS#43, RCVS#44	
Teaching Methodology	Group of 4 students/tutor clinical training	
	Rotation Scheme	Weeks
	Farm animal medicine	4
	Routine fertility visits	1
	Herd Health Medicine	1
Assessment	<ol style="list-style-type: none"> 1. End of Year single exam paper covering Farm Animal clinical rotation and Equine clinical rotation. 2. Doctor as a Professional (DAP) assessment during rotation by rotation lead (Pass or Fail mark) 	
Language	English	