



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

| | | | | | | | | | |
|--|---|--|----------------------|--|---|--------------------------------|---|------------|---|
| Course Title | | Diseases of Nervous System Caused By Virus in Ruminants | | | | | | | |
| Course Code | | ViH649 | | Course Level | | Third Cycle (Doctorate Degree) | | | |
| ECTS Credit | 5 | Workload | 120 (<i>Hours</i>) | Theory | 1 | Practice | 0 | Laboratory | 0 |
| Objectives of the Course | | Based on primary neurological diseases of rabies, pseudo rabies, Herpesvirus encephalomyelitis in ruminants, Coriza Gangrenosa Bovum, Lentivirus encephalitis in sheeps and goats, Evaluate of etiological, epidemiological, clinical sights, diagnosis and protection in Louping ill and Borna disease. | | | | | | | |
| Course Content | | See Weekly Course Topics | | | | | | | |
| Work Placement | | N/A | | | | | | | |
| Planned Learning Activities and Teaching Methods | | | | Explanation (Presentation), Demonstration, Discussion, Case Study, Individual Study, Problem Solving | | | | | |
| Name of Lecturer(s) | | | | | | | | | |

Assessment Methods and Criteria

| Method | Quantity | Percentage (%) |
|---------------------|----------|----------------|
| Midterm Examination | 1 | 20 |
| Final Examination | 1 | 60 |
| Assignment | 4 | 20 |

Recommended or Required Reading

| | |
|---|--|
| 1 | C. M. Kahn, S. Line; The Merck Veterinary Manual, 10th Edition. Merck, 2010 |
| 2 | Bradford P. Smith; Large Animal Internal Medicine, 4th Edition. Mosby, 2009 |
| 3 | Radostits, Otto M. [and others], eds. Veterinary Medicine: A Textbook of the Diseases of Cattle, Sheep, Pigs, Goats and Horses. 10th ed. WB Saunders, 2007 |
| 4 | Blowey, R. W., and Weaver, A. David; Color Atlas of Diseases and Disorders of Cattle, 2nd ed. Mosby, 2003 |

| Week | Weekly Detailed Course Contents | |
|------|---------------------------------|---|
| 1 | Theoretical | The Importance of the Nervous System Viral Infections and signs |
| 2 | Theoretical | Clinical Approach to Nervous System Viral Infections |
| 4 | Theoretical | Pseudo-rabies |
| 5 | Theoretical | Herpes virus encephalomyelitis in cattle |
| 6 | Theoretical | Coryza Gangrenosa Bovum |
| 7 | Theoretical | Lentivirus encephalomyelitis in goat and sheep |
| 8 | Intermediate Exam | Midterm |
| 9 | Theoretical | Louping ill |
| 10 | Theoretical | Borna Disease |
| 11 | Theoretical | West Nile virus encephalomyelitis |
| 12 | Theoretical | Paramyxoviral sporadic bovine encephalomyelitis |
| 13 | Theoretical | Bovine Spongiform Encephalopathy |
| 14 | Theoretical | Scrapie |
| 15 | Theoretical | Discussion |
| 16 | Final Exam | Final |

Workload Calculation

| Activity | Quantity | Preparation | Duration | Total Workload |
|---------------------|----------|-------------|----------|----------------|
| Lecture - Theory | 14 | 0 | 1 | 14 |
| Assignment | 4 | 0 | 15 | 60 |
| Reading | 14 | 0 | 1 | 14 |
| Midterm Examination | 1 | 10 | 1 | 11 |



| | | | | |
|---|---|----|---|-----|
| Final Examination | 1 | 20 | 1 | 21 |
| Total Workload (Hours) | | | | 120 |
| [Total Workload (Hours) / 25*] = ECTS | | | | 5 |
| *25 hour workload is accepted as 1 ECTS | | | | |

Learning Outcomes

| | |
|---|--|
| 1 | Knows the etiology and epidemiology of primary neurological diseases in ruminants. |
| 2 | Makes a diagnose by interpreting clinical and laboratory findings |
| 3 | Takes the necessary prophylactic preventions |
| 4 | Knows the differential diagnosis of diseases affecting the nervous system. |
| 5 | Evaluate the prognosis of diseases affecting the nervous system. |

Programme Outcomes (Internal Diseases (Veterinary Medicine) Doctorate)

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|----|---|
| 1 | Based on acquirements relevant to undergraduate and/or graduate levels, usage of associated information deeply, development of knowledge by several methods along with reaching peculiar results. |
| 2 | Detecting relevant problems, establishing hypothesis against solution, acquirement of solving hypothesis within computational and experimental methods. |
| 3 | A systematic approach of evaluating and using new knowledge on related field. |
| 4 | Usage of previously known scientific methods related to field for advanced/newly known/occurring problems. |
| 5 | For Large and Small Animal Internal Medicine, taking into account the systemic clinical examination, realizing the true diagnosis for interpreting the clinical and laboratory findings, and the need to implement effective and rational treatment for taking prophylactic measures. |
| 6 | Detecting the problems related to Turkish animal husbandry related to herd health and prophylactic veterinary surgeon. |
| 7 | Reviewing and usage of all related data (field observations, scientific knowledge) for requirements. |
| 8 | Innovation in the field of science, the scientific method for a new area of development and application of a method known to have one of a new plan that for. |
| 9 | Following, evaluating, presenting and discussing the international literature in the field of Veterinary Internal Medicine. |
| 10 | Offering all kinds of development and innovation in the field of appropriate methods, the economic and social advancement of the society for contribution. |

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

| | L1 | L2 | L3 |
|-----|----|----|----|
| P1 | 5 | 5 | 5 |
| P2 | 4 | 4 | 3 |
| P3 | 4 | 4 | 4 |
| P4 | 4 | 4 | 5 |
| P5 | 5 | 5 | 5 |
| P6 | 5 | 5 | 5 |
| P7 | 3 | 4 | 4 |
| P8 | 3 | 4 | 3 |
| P9 | 4 | 4 | 4 |
| P10 | 4 | 4 | 4 |

