



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

| | | | | | | | | | |
|--|---|--|----------------------|---|---|--------------------------------|---|------------|---|
| Course Title | | Important Protozoal Diseases Of Domestic Animals-II | | | | | | | |
| Course Code | | VPR610 | | Course Level | | Third Cycle (Doctorate Degree) | | | |
| ECTS Credit | 5 | Workload | 122 (<i>Hours</i>) | Theory | 2 | Practice | 0 | Laboratory | 0 |
| Objectives of the Course | | To understand the morphology and biology of protozoans in domestic animals, symptoms of diseases they cause, methods used for the diagnosis, prevention and control for the diseases they cause | | | | | | | |
| Course Content | | Known infectious diseases caused by Coccidia, Cryptosporidium, Toxoplasma, Neospora, Sarcocyst, Theileria, Babesia, Anaplasma in domestic animals, morphology and biology of these parasites, infection routes, epidemiology and prevalence of diseases they cause, preventive and control measures taken. | | | | | | | |
| Work Placement | | N/A | | | | | | | |
| Planned Learning Activities and Teaching Methods | | | | Explanation (Presentation), Discussion, Case Study, Individual Study, Problem Solving | | | | | |
| Name of Lecturer(s) | | Prof. Tülin KARAGENÇ | | | | | | | |

Assessment Methods and Criteria

| Method | Quantity | Percentage (%) |
|---------------------|----------|----------------|
| Midterm Examination | 1 | 15 |
| Final Examination | 1 | 60 |
| Quiz | 2 | 10 |
| Assignment | 8 | 15 |

Recommended or Required Reading

| | |
|---|---|
| 1 | Yukarı, B.A., (2000) Protozooloji, Akdeniz Üniversitesi Burdur Veteriner Fakültesi Ders Notu, Burdur. |
| 2 | Dik, B., Sevinç, F. (2002) Veteriner Protozooloji, Selçuk Üniversitesi Veteriner Fakültesi, Konya. |
| 3 | Tüzer, E., Toporlak, M. (1999) Veteriner Protozooloji, İstanbul Üniversitesi Veteriner Fakültesi Ders Notu, İstanbul. |
| 4 | Kaufmann, J. (1996) Parasitic Infections of Domestic Animals, Birkhäuser, Switzerland. |
| 5 | Peters, W., Pasvol, G. (2002) Tropical Medicine and Parasitology, Mosby International Limited, China. |
| 6 | Soulsby, E.J.L. (1986) Helminths, Arthropods and Protozoa of Domesticated Animals, William Cloves Limited, Great Britain. |
| 7 | Burgu, A., Karaer, Z. (2005) Parazit Hastalıklarında Tedavi, Türkiye Parazitoloji Derneği, İzmir. |
| 8 | Dumanlı, N., Karaer Z. (2010). Veteriner Protozooloji. Medisan Yayınevi, Ankara |

| Week | Weekly Detailed Course Contents | |
|------|---------------------------------|--|
| 1 | Theoretical | Eimeridae and coccidiosis in mammals |
| 2 | Theoretical | Eimeridae and coccidiosis in aves |
| 3 | Theoretical | Toxoplasma |
| 4 | Theoretical | Neospora |
| 5 | Theoretical | Cryptosporidium |
| 6 | Theoretical | Besnoitia |
| 7 | Theoretical | Presentation of assignments and discussion |
| 8 | Intermediate Exam | Mid-term exam |
| 9 | Theoretical | Sarcocyst, |
| 10 | Theoretical | Plasmodium |
| 11 | Theoretical | Theileria |
| 12 | Theoretical | Babesia (ruminant) |
| 13 | Theoretical | Babesia (dogs, cats and others) |
| 14 | Theoretical | Anaplasma |
| 15 | Theoretical | Discussion |
| 16 | Final Exam | Final examination |



| | | |
|----|------------|-------------------|
| 17 | Final Exam | Final examination |
|----|------------|-------------------|

| Workload Calculation | | | | |
|---|----------|-------------|----------|----------------|
| Activity | Quantity | Preparation | Duration | Total Workload |
| Lecture - Theory | 14 | 0 | 2 | 28 |
| Assignment | 3 | 0 | 4 | 12 |
| Reading | 14 | 0 | 2 | 28 |
| Quiz | 2 | 5 | 0.5 | 11 |
| Midterm Examination | 1 | 20 | 1 | 21 |
| Final Examination | 1 | 20 | 2 | 22 |
| Total Workload (Hours) | | | | 122 |
| [Total Workload (Hours) / 25*] = ECTS | | | | 5 |
| *25 hour workload is accepted as 1 ECTS | | | | |

| Learning Outcomes | |
|-------------------|---|
| 1 | To gain advanced understanding of diseases caused by protozoans. |
| 2 | To learn how species of protozoa infect animals, symptoms and economical impact of diseases they cause. |
| 3 | To know diagnostic methods for diseases caused by protozoans |
| 4 | To understand preventive and control measures taken for diseases caused by protozoans. |
| 5 | Knows that zoonotic parasites protozoa |

| Programme Outcomes (Parasitology (Veterinary Medicine) Doctorate) | |
|---|--|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| 10 | |
| 11 | |
| 12 | |

| Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High | | | | | |
|--|----|----|----|----|----|
| | L1 | L2 | L3 | L4 | L5 |
| P1 | 5 | 5 | 5 | 5 | 5 |
| P2 | 5 | 5 | 5 | 5 | 5 |
| P3 | 5 | 5 | 5 | 4 | 5 |
| P4 | 5 | 4 | 4 | 3 | 4 |
| P5 | 5 | 5 | 5 | 4 | 5 |
| P6 | 5 | 4 | 4 | 4 | 4 |
| P7 | 4 | 5 | 5 | 4 | 4 |
| P8 | 4 | 4 | 4 | 3 | 3 |
| P9 | 4 | 4 | 4 | 3 | 4 |
| P10 | 5 | 4 | 3 | 4 | 4 |
| P11 | 4 | 4 | 4 | 2 | 3 |
| P12 | 4 | 3 | 5 | 2 | 4 |

