



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

|  |   |   |                     |  |   |                                |   |            |   |
|--|---|---|---------------------|--|---|--------------------------------|---|------------|---|
| Course Title                                     |   | Inspection of Meat and Fish Helminths   |                     |  |   |                                |   |            |   |
| Course Code                                      |   | VPR541  |                     | Couse Level                            |   | Second Cycle (Master's Degree) |   |            |   |
| ECTS Credit                                      | 2 | Workload  | 50 ( <i>Hours</i> ) | Theory                                 | 2 | Practice                       | 0 | Laboratory | 0 |
| Objectives of the Course                         |   | To be able to tell about the systematics, biology and tratment of helminths existing in meat and fish which are important for fish and animal breeding and public health. |                     |  |   |                                |   |            |   |
| Course Content                                   |   | Abut the systematics of helminths existing in meat and fish. Explain about the place of helminths existing in meat and fish in nutriment regulations.                     |                     |  |   |                                |   |            |   |
| Work Placement                                   |   | N/A   |                     |  |   |                                |   |            |   |
| Planned Learning Activities and Teaching Methods |   |   |                     | Explanation (Presentation), Discussion |   |                                |   |            |   |
| Name of Lecturer(s)                              |   | Lec. Selin HACILARLIOĞLU  |                     |  |   |                                |   |            |   |

### Assessment Methods and Criteria

| Method              | Quantity | Percentage (%) |
|---------------------|----------|----------------|
| Midterm Examination | 1        | 20             |
| Final Examination   | 1        | 60             |
| Quiz                | 2        | 10             |
| Assignment          | 2        | 10             |

### Recommended or Required Reading

|   |  |
|---|--|
| 1 | Tüzer, E., Toparlak, M., Göksu, K. (1997) Veteriner Entomoloji. İstanbul Üniversitesi Veteriner Fakültesi Parazitoloji Abd., İstanbul. |
| 2 | Eren, H., Yukarı, B. B. (2000).  |
| 3 | Wall, R., D. Shearer, 1997. Veterinary Entomology. Chapman And Hall, Great Britain.  |
| 4 | Kaufmann, J., 1996. Parasitic Infections Of Domestic Animals. Birkhäuser. Switzerland  |
| 5 | Peters, W., G. Pasvol, 2002. Tropical Medicine And Parasitology. Mosby International Limited. China.                                   |
| 6 | Burgu, A., Karaer, Z. (2005). Parazit Hastalıklarında Tedavi. Türkiye Parazitoloji Derneği, Yayın No:19.                               |
| 7 | Schmidt, G.D. (1985). Foundations Of Parasitology.   |

| Week | Weekly Detailed Course Contents |   |
|------|---------------------------------|---|
| 1    | Theoretical                     | Taenia saginata                           |
| 2    | Theoretical                     | Taenia hydatigena                         |
| 3    | Theoretical                     | Taenia multiceps                          |
| 4    | Theoretical                     | Echinococcus granulosus ve multilocularis |
| 5    | Theoretical                     | Fasciola hepatica                         |
| 6    | Theoretical                     | Dicrocoelium dendriticum                  |
| 7    | Theoretical                     | Fasciola gigantica                        |
| 8    | Intermediate Exam               | Midterm                                   |
| 9    | Theoretical                     | Dictyocaulus filaria                      |
| 10   | Theoretical                     | Dictyocaulus viviparus                    |
| 11   | Theoretical                     | Ligula intestinalis                       |
| 12   | Theoretical                     | Dactylogyrus difformis (Monogenea),       |
| 13   | Theoretical                     | Diplostomulum spathaceum                  |
| 14   | Theoretical                     | Asymphylogora markewitschi (Digenea)      |
| 15   | Theoretical                     | Hysterothylacium sp.(Nematoda)            |
| 16   | Final Exam                      | Final Exam                                |
| 17   | Final Exam                      | Final Exam                                |



**Workload Calculation**

| Activity                                     | Quantity | Preparation | Duration | Total Workload |
|--|----------|-------------|----------|----------------|
| Lecture - Theory                             | 14       | 0           | 2        | 28             |
| Assignment                                   | 2        | 0           | 2        | 4              |
| Reading                                      | 14       | 0           | 0.5      | 7              |
| Quiz   | 2        | 1           | 1        | 4              |
| Midterm Examination                          | 1        | 2           | 1        | 3              |
| Final Examination                            | 1        | 3           | 1        | 4              |
| Total Workload (Hours)                       |          |             |          | 50             |
| [Total Workload (Hours) / 25*] = <b>ECTS</b> |          |             |          | 2              |

\*25 hour workload is accepted as 1 ECTS

**Learning Outcomes**

|   |  |
|---|--|
| 1 | To be able to tell about the systematics of helminths existing in meat and fish                        |
| 2 | To be able to explain about the place of helminths existing in meat and fish in nutriment regulations. |
| 3 | To be able to express the importance of helminths existing in meat and fish in public health           |
| 4 | To be able to know diagnosis of helminths in meat and fish   |
| 5 | To be able to tell about zoonosis helminths in fish and meat.  |

**Programme Outcomes (Parasitology (Veterinary Medicine) Master)**

|    |  |
|----|--|
| 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  | 4  | 4  | 5  | 5  | 5  |
| P2  | 5  | 5  | 2  | 5  | 3  |
| P3  | 5  | 5  | 5  | 5  | 5  |
| P4  | 5  | 4  | 5  | 5  | 5  |
| P5  | 3  | 4  | 5  | 5  | 5  |
| P6  | 2  | 5  | 3  | 2  | 1  |
| P7  | 5  | 4  | 5  | 1  | 5  |
| P8  | 2  | 1  | 3  | 1  | 1  |
| P9  | 5  | 5  | 2  | 3  | 5  |
| P10 | 5  | 5  | 3  | 3  | 5  |
| P11 | 5  | 5  | 5  | 5  | 5  |
| P12 | 5  | 5  | 2  | 5  | 5  |

