



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

|  |   |  |            |   |   |                                |   |            |   |
|--|---|--|------------|---|---|--------------------------------|---|------------|---|
| Course Title                                     |   | Scientific Research Methods  |            |   |   |                                |   |            |   |
| Course Code                                      |   | VİH552   |            | Course Level  |   | Second Cycle (Master's Degree) |   |            |   |
| ECTS Credit                                      | 2 | Workload   | 50 (Hours) | Theory  | 2 | Practice                       | 0 | Laboratory | 0 |
| Objectives of the Course                         |   | This course aims to provide information about how scientific research is done. |            |   |   |                                |   |            |   |
| Course Content                                   |   | See weekly course content  |            |   |   |                                |   |            |   |
| Work Placement                                   |   | N/A  |            |   |   |                                |   |            |   |
| Planned Learning Activities and Teaching Methods |   |  |            | Explanation (Presentation), Demonstration, Discussion, Case Study, Individual Study |   |                                |   |            |   |
| Name of Lecturer(s)                              |   | Assoc. Prof. Songül ERDOĞAN, Prof. Hüseyin VOYVODA                             |            |   |   |                                |   |            |   |

### Assessment Methods and Criteria

| Method              | Quantity | Percentage (%) |
|---------------------|----------|----------------|
| Midterm Examination | 1        | 40             |
| Final Examination   | 1        | 60             |

### Recommended or Required Reading

|   |   |
|---|---|
| 1 | Larry P. Tilley, Francis W. K. Smith; Blackwell's Five-Minute Veterinary Consult: Canine and Feline, 5th Edition. Wiley-Blackwell, 2011 |
| 2 | J. D. Bonagura, D. C. Twedt; Kirk's Current Veterinary Therapy XIV: Small Animal Practice. WB Saunders, 2009                            |
| 3 | Nelson, Richard W., C. C. Guillermo. Small Animal Internal Medicine, 4th Edition, Elsevier Health Sciences, 2008                        |
| 4 | S. J. Ettinger, E. C. Feldman; Textbook Of Veterinary Internal Medicine: Diseases Of The Dog And Cat. WB Saunders, 2003                 |
| 5 | C. M. Kahn, S. Line; The Merck Veterinary Manual, 10th Edition. Merck, 2010   |

| Week | Weekly Detailed Course Contents |                              |
|------|---------------------------------|------------------------------|
| 1    | Theoretical                     | Learning research techniques |
| 2    | Theoretical                     | Learning research techniques |
| 3    | Theoretical                     | Learning research techniques |
| 4    | Theoretical                     | Learning research techniques |
| 5    | Theoretical                     | Learning research techniques |
| 6    | Theoretical                     | Learning research techniques |
| 7    | Theoretical                     | Learning research techniques |
| 8    | Theoretical                     | Learning research techniques |
| 9    | Theoretical                     | Learning research techniques |
| 10   | Theoretical                     | Learning research techniques |
| 11   | Theoretical                     | Learning research techniques |
| 12   | Theoretical                     | Learning research techniques |
| 13   | Theoretical                     | Learning research techniques |
| 14   | Theoretical                     | Learning research techniques |
| 15   | Theoretical                     | Learning research techniques |
| 16   | Theoretical                     | Final exam                   |

### Workload Calculation

| Activity            | Quantity | Preparation | Duration | Total Workload |
|---------------------|----------|-------------|----------|----------------|
| Lecture - Theory    | 14       | 0           | 2        | 28             |
| Assignment          | 1        | 0           | 4        | 4              |
| Reading             | 10       | 0           | 1        | 10             |
| Midterm Examination | 1        | 2           | 1        | 3              |



|   |   |   |   |    |
|---|---|---|---|----|
| Final Examination                       | 1 | 4 | 1 | 5  |
| Total Workload (Hours)                  |   |   |   | 50 |
| [Total Workload (Hours) / 25*] = ECTS   |   |   |   | 2  |
| *25 hour workload is accepted as 1 ECTS |   |   |   |    |

### Learning Outcomes

|   |   |
|---|---|
| 1 | Have information about source scanning.           |
| 2 | Analyze resources and access to resources.        |
| 3 | Can evaluate the sources.                         |
| 4 | Interprets the information obtained from sources. |
| 5 | Knows how to reach different sources.             |

### Programme Outcomes (Internal Diseases (Veterinary Medicine) Master)

|   |   |
|---|---|
| 1 | Among veterinary medicine master of science sufficiency, increasing and deepening relevant knowledge  |
| 2 | Developing and deepening theoretical and practical knowledge in the field of use, integrating knowledge from different disciplines for interpretation.  |
| 3 | 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. |
| 4 | Learning how to access and evaluate relevant information.   |
| 5 | Quoting updated novelty relevant to Veterinary Internal Medicine by incrisptive, oral and visually.   |
| 6 | Planning a relevant research study by use of quantative and qualitative data collection, contiuiuing by taking care of scientific ethics, and by evaluation of appropriate statistical methods chosen, converting the investigational and project results into report/thesis.         |
| 7 | Information obtained in accordance with the requirements of the country and the level of expertise of the region for usage of research public and animal health.  |

### 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 | 3  | 3  | 4  | 3  | 3  |
| P2 | 4  | 3  | 4  | 4  | 4  |
| P3 | 4  | 4  | 5  | 5  | 5  |
| P4 | 3  | 4  | 3  | 2  | 3  |
| P5 | 5  | 5  | 2  | 3  | 4  |
| P6 | 2  | 3  | 4  | 5  | 5  |
| P7 | 5  | 2  | 5  | 4  | 3  |

