

# JUDICIAL MEDICINE

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| <b>1</b>  | Course Title:                                                                                             | JUDICIAL MEDICINE                                                                                                                                                                                                 |
| <b>2</b>  | Course Code:                                                                                              | VET5007                                                                                                                                                                                                           |
| <b>3</b>  | Type of Course:                                                                                           | Compulsory                                                                                                                                                                                                        |
| <b>4</b>  | Level of Course:                                                                                          | First Cycle                                                                                                                                                                                                       |
| <b>5</b>  | Year of Study:                                                                                            | 5                                                                                                                                                                                                                 |
| <b>6</b>  | Semester:                                                                                                 | 9                                                                                                                                                                                                                 |
| <b>7</b>  | ECTS Credits Allocated:                                                                                   | 1.00                                                                                                                                                                                                              |
| <b>8</b>  | Theoretical (hour/week):                                                                                  | 1.00                                                                                                                                                                                                              |
| <b>9</b>  | Practice (hour/week):                                                                                     | 0.00                                                                                                                                                                                                              |
| <b>10</b> | Laboratory (hour/week):                                                                                   | 0                                                                                                                                                                                                                 |
| <b>11</b> | Prerequisites:                                                                                            | none                                                                                                                                                                                                              |
| <b>12</b> | Language:                                                                                                 | Turkish                                                                                                                                                                                                           |
| <b>13</b> | Mode of Delivery:                                                                                         | Face to face                                                                                                                                                                                                      |
| <b>14</b> | Course Coordinator:                                                                                       | Doç. Dr. ETHEM MUTLU TEMİZEL                                                                                                                                                                                      |
| <b>15</b> | Course Lecturers:                                                                                         | yok                                                                                                                                                                                                               |
| <b>16</b> | Contact information of the Course Coordinator:                                                            | ethem@uludag.edu.tr<br>Uludağ Üniv. Veteriner Fak. İç Hastalıkları Anabilim Dalı, 0 224 2940812                                                                                                                   |
| <b>17</b> | Website:                                                                                                  |                                                                                                                                                                                                                   |
| <b>18</b> | Objective of the Course:                                                                                  | To illuminate how to do the transfer of the necessary professional knowledge of how to approach patients and emphasize the importance of a judicial to veterinary legal issues of interest in an impartial manner |
| <b>19</b> | Contribution of the Course to Professional Development:                                                   |                                                                                                                                                                                                                   |
| <b>20</b> | Learning Outcomes:                                                                                        |                                                                                                                                                                                                                   |
|           | <b>1</b>                                                                                                  | To learn some of the definitions of forensic medicine and forensic concepts, Responsibilities of the judicial process of the Veterinary Doctor.                                                                   |
|           | <b>2</b>                                                                                                  | Responsibility of Veterinary forensic expert                                                                                                                                                                      |
|           | <b>3</b>                                                                                                  | Clinical approach to forensic cases                                                                                                                                                                               |
|           | <b>4</b>                                                                                                  | Learning of legislation regarding forensic medicine                                                                                                                                                               |
|           | <b>5</b>                                                                                                  |                                                                                                                                                                                                                   |
|           | <b>6</b>                                                                                                  |                                                                                                                                                                                                                   |
|           | <b>7</b>                                                                                                  |                                                                                                                                                                                                                   |
|           | <b>8</b>                                                                                                  |                                                                                                                                                                                                                   |
|           | <b>9</b>                                                                                                  |                                                                                                                                                                                                                   |
|           | <b>10</b>                                                                                                 |                                                                                                                                                                                                                   |
| <b>21</b> | Course Content:                                                                                           |                                                                                                                                                                                                                   |
|           | <b>Course Content:</b>                                                                                    |                                                                                                                                                                                                                   |
| Week      | Theoretical                                                                                               | Practice                                                                                                                                                                                                          |
| <b>1</b>  | The aim of the lesson and general introduction, definition of forensic and legal obligations of expertise |                                                                                                                                                                                                                   |

|                           |                                                                                                                                                                                                                                                                                                       |        |                 |                        |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------|------------------------|
| 2                         | The part of criminal law regarding forensic expertise, legal terms related with forensic medicine.                                                                                                                                                                                                    |        |                 |                        |
| 3                         | Of the expert's relationship with the judge and the parties, veterinary expert's duties, examination of live animals, examination of dead animals and inanimate material                                                                                                                              |        |                 |                        |
| 4                         | Evaluation and investigation of omission in during surgery of animals, (omission during depositor, operative intervention and anesthesia mistake in practices) Nalbant responsibility, animal movements restriction, walfare and animal rights                                                        |        |                 |                        |
| 5                         | Investigation of negligence by the physician and the veterinarian Responsibilities, Prescription errors, mixing of drug names, use a combination of antagonists drugs, medications which increase the toxic effects of each other,use of drugs prevented to each other's absorption at the same time. |        |                 |                        |
| 6                         | Dosage error, errors in drug applications, application of drug of the ban the use of animal health of the administration of drugs, use of drugs that harm to pregnancy.                                                                                                                               |        |                 |                        |
| 7                         | Death in terms of veterinary forensic information (symptoms of death, dead rigidity, dead decay, saponification, to determine time of death                                                                                                                                                           |        |                 |                        |
| Activites                 |                                                                                                                                                                                                                                                                                                       | Number | Duration (hour) | Total Work Load (hour) |
| Theoretical               | Anaphylactic Deaths                                                                                                                                                                                                                                                                                   | 14     | 1.00            | 14.00                  |
| Practicals/Labs           |                                                                                                                                                                                                                                                                                                       | 0      | 0.00            | 0.00                   |
| Self study                | Strangled animal's rope-like objects,                                                                                                                                                                                                                                                                 | 3      | 1.00            | 3.00                   |
| Homeworks                 |                                                                                                                                                                                                                                                                                                       | 1      | 3.00            | 3.00                   |
| Projects                  | the animal after death, or else live in when?                                                                                                                                                                                                                                                         | 4      | 1.00            | 4.00                   |
| Field Studies             |                                                                                                                                                                                                                                                                                                       | 4      | 1.00            | 4.00                   |
| Midterm Exams             | poisonings in veterinary forensic medicine (DOT poisoning, organophosphorus                                                                                                                                                                                                                           | 1      | 1.00            | 1.00                   |
| Others                    |                                                                                                                                                                                                                                                                                                       | 0      | 0.00            | 0.00                   |
| Final Exam                | poisoning, arsenic poisoning, lead poisoning, mercury poisoning)                                                                                                                                                                                                                                      | 1      | 1.00            | 1.00                   |
| Total Work Load           |                                                                                                                                                                                                                                                                                                       |        |                 | 31.00                  |
| Total work load 30 hr     |                                                                                                                                                                                                                                                                                                       |        |                 | 1.00                   |
| ECTS Credit of the Course |                                                                                                                                                                                                                                                                                                       |        |                 | 1.00                   |
|                           | poisoning, aspirin poisoning, rodentisid antikoaglant poisoning)                                                                                                                                                                                                                                      |        |                 |                        |
| 12                        | Macroscopic lung tests, hydrostatic, histologic evaluation, the air search for the stomach and intestines, the importance of animals in terms of age determination and forensic medicine, forensic approach to burns of animals                                                                       |        |                 |                        |
| 13                        | In animals, the forensic approach to the wounds (types of wounds, wounds caused by sharp instruments, depending on injuries and scrape - the importance of erosion, the importance of injury-induced ekimose, stab wounds, gunshot wounds in terms of forensic medicine)                              |        |                 |                        |
| 14                        | Doping in race horses.                                                                                                                                                                                                                                                                                |        |                 |                        |

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| <b>22</b> | Textbooks, References and/or Other Materials: | 1. Veteriner Adli Tıp ve İlgili Yönetmelikler: ŞENTÜRK, S., Ekin Kitabevi, Bursa, 2007<br>2. Adli Tıp. Özden, S.Y, Nobel Kitabevi, İstanbul, 1993<br>3. Large Animal Internal Medicine. Smith, B. P.; Edit. George L.W., Toronto, C.V. Mosby Company, 2002<br>4. Veterinary Medicine. A Textbook Of The Diseases Of Cattle, Sheep, Pigs, Goats And Horses. Radostits, O.M., Gay, C.C., Blood, D.C., Hinchliff, K.W., 7th Ed. London, W.B. Saunders, 2004<br>5. Small Animal Internal Medicine, 3rd Ed., Nelson, R.W., Couto, C.G., Mosby, Missouri, 2003 |
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| <b>23</b> | Assesment |
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| TERM LEARNING ACTIVITIES                                         | NUMBER | WEIGHT |
|------------------------------------------------------------------|--------|--------|
| Midterm Exam                                                     | 1      | 40.00  |
| Quiz                                                             | 0      | 0.00   |
| Home work-project                                                | 0      | 0.00   |
| Final Exam                                                       | 1      | 60.00  |
| Total                                                            | 2      | 100.00 |
| Contribution of Term (Year) Learning Activities to Success Grade |        | 40.00  |
| Contribution of Final Exam to Success Grade                      |        | 60.00  |
| Total                                                            |        | 100.00 |
| Measurement and Evaluation Techniques Used in the Course         |        |        |

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| <b>24</b> | <b>ECTS / WORK LOAD TABLE</b> |
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|                                                              |                                                                      |     |     |              |     |     |                 |     |     |               |      |      |                    |      |      |      |
|--------------------------------------------------------------|----------------------------------------------------------------------|-----|-----|--------------|-----|-----|-----------------|-----|-----|---------------|------|------|--------------------|------|------|------|
| <b>25</b>                                                    | <b>CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS</b> |     |     |              |     |     |                 |     |     |               |      |      |                    |      |      |      |
|                                                              | PQ1                                                                  | PQ2 | PQ3 | PQ4          | PQ5 | PQ6 | PQ7             | PQ8 | PQ9 | PQ10          | PQ11 | PQ12 | PQ13               | PQ14 | PQ15 | PQ16 |
| ÖK1                                                          | 1                                                                    | 5   | 0   | 2            | 2   | 2   | 1               | 5   | 5   | 3             | 3    | 4    | 0                  | 0    | 0    | 0    |
| ÖK2                                                          | 2                                                                    | 5   | 2   | 1            | 1   | 1   | 1               | 5   | 4   | 3             | 4    | 5    | 0                  | 0    | 0    | 0    |
| ÖK3                                                          | 3                                                                    | 5   | 5   | 4            | 4   | 3   | 1               | 5   | 5   | 3             | 5    | 5    | 0                  | 0    | 0    | 0    |
| ÖK4                                                          | 3                                                                    | 5   | 5   | 4            | 4   | 3   | 3               | 3   | 5   | 5             | 4    | 4    | 0                  | 0    | 0    | 0    |
| <b>LO: Learning Objectives    PQ: Program Qualifications</b> |                                                                      |     |     |              |     |     |                 |     |     |               |      |      |                    |      |      |      |
| <b>Contribution Level:</b>                                   | <b>1 very low</b>                                                    |     |     | <b>2 low</b> |     |     | <b>3 Medium</b> |     |     | <b>4 High</b> |      |      | <b>5 Very High</b> |      |      |      |