## Course Syllabus

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|---|---|
| **Code - Course Title** | **LBV202U - Basic Veterinary Pharmacology and Toxicology** |
| **Course Type** | II. SEMESTER |
| **Laboratory + Practice** | 0+0 |
| **ECTS** | **5.0** |
| **Language of Instruction** | Türkçe |
| **Course Type** | Elective Courses |
| **Mode of Delivery** | Distance Education |
| **Prerequisites** | There is no prerequisite or co-requisite for this course. |

## Course Syllabus

| Weeks | Learning Outcomes | Topics | Teaching Methods |
|---|---|---|---|
| **Week - 1** | | Introduction to Pharmacology, Drug, Pharmaceutical Procedures and Drug Forms | |
| **Week - 2** | | Pharmacokinetic and Pharmacodynamic | |
| **Week - 3** | | Nervous System Drugs | |
| **Week - 4** | | Nervous System Drugs | |
| **Week - 5** | | System Drugs | |
| **Week - 6** | | System Drugs | |
| **Week - 7** | | Mid term exam | |
| **Week - 8** | | Chemotherapeutics | |
| **Week - 9** | | Drug Residues in Animal Foodstuffs, Approval of Drugs, Distribution, Sale and Control | |
| **Week - 10** | | Introduction to Toxicology and General Toxicology | |
| **Week - 11** | | Plant Bioactive Substances and Mineral Substances | |
| **Week - 12** | | Mycotoxins and Doping | |
| **Week - 13** | | Pesticides and Ecotoxicology | |
| **Week - 14** | | Final Exam | |

## Learning Outcomes

| # | Learning Outcome |
|---|---|
| **1** | Define pharmacology science, drugs and drug types. |

## Learning Outcomes

| # | Learning Outcome |
|---|---|
| 2 | Describe the drugs administration routes, effects and disposition of the drugs in the body along with drug interactions and side-harmful effects |
| 3 | Define nervous system (central and autonomous nervous system) drugs. |
| 4 | Define chemotherapy, concepts and some important drugs on veterinary chemotherapy. |
| 5 | Acquire basic knowledge on system drugs. |
| 6 | Acquire basic knowledge on drug residues in animal-origin foods, authorisation-disribution-control of veterinary drugs. |
| 7 | Define the toxicology science in general with respect to toxins and toxicant concept. |
| 8 | Know the basic information on doping, types of doping, doping/ethical issues, doping control in horse in Turkey. |
| 9 | Know the basic concepts of environmental pollution; examine the reasons, short-and long-term effects and precautions-preventative solutions within the frame of this issue. |

## Sustainable Development Goals

*No content has been provided.*

## Course Theme

*No content has been provided.*

## AKTS Workload

| Activity | Duration (Hour) | Count | Workload |
|---|---|---|---|
| Teorik Derse Katılım | 0 | 0 | 0 |
| Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı) | 0 | 0 | 0 |
| Ödevler | 0 | 0 | 0 |
| Proje - Rapor - Sunum Hazırlama | 0 | 0 | 0 |
| Ara Sınav Hazırlığı (sınav süresi dahil) | 0 | 0 | 0 |
| Final Sınavı Hazırlığı (sınav süresi dahil) | 0 | 0 | 0 |
| Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.) | 0 | 0 | 0 |
| Staj Uygulaması | 0 | 0 | 0 |
| | | **Calculated ECTS** | **0** |

## Assessment Method and Passing Requirements

*No content has been provided.*

| Assessment Method and Passing Requirements | Quamtity | Percentage (%) |
|---|---|---|
| 1.Midterm Exam | 1 | 30 |
| Final Exam | 1 | 70 |
| | **Sum (%)** | **100** |