

DRUGS USING IN VETERINARY MEDICINE

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| 1 | Course Title: | DRUGS USING IN VETERINARY MEDICINE | |
| 2 | Course Code: | VFR5009 | |
| 3 | Type of Course: | Optional | |
| 4 | Level of Course: | Second Cycle | |
| 5 | Year of Study: | 1 | |
| 6 | Semester: | 1 | |
| 7 | ECTS Credits Allocated: | 4.00 | |
| 8 | Theoretical (hour/week): | 1.00 | |
| 9 | Practice (hour/week): | 2.00 | |
| 10 | Laboratory (hour/week): | 0 | |
| 11 | Prerequisites: | None | |
| 12 | Language: | Turkish | |
| 13 | Mode of Delivery: | Face to face | |
| 14 | Course Coordinator: | Prof. Dr. HASAN HÜSEYİN ORUÇ | |
| 15 | Course Lecturers: | | |
| 16 | Contact information of the Course Coordinator: | Prof.Dr. Hasan Hüseyin ORUÇ oruc@uludag.edu.tr 224 2941322 Veteriner Fakültesi Farmakoloji ve Toksikoloji Anabilim Dalı 16059 Bursa | |
| 17 | Website: | http://saglikbilimleri.uludag.edu.tr/anabilimdallari.php | |
| 18 | Objective of the Course: | To educate pharmaceutical drugs used in veterinary medicine and presentation of the drugs | |
| 19 | Contribution of the Course to Professional Development: | A veterinarian have useful knowledge when they work as clinician or clinical pharmacologist and toxicologist | |
| 20 | Learning Outcomes: | | |
| | | 1 | To learn pharmaceutical drug kinds |
| | | 2 | To comprehend pharmaceutical drugs according to use of aim |
| | | 3 | To comprehend drugs according to structure |
| | | 4 | To learn drugs according to animals species |
| | | 5 | To comprehend drug groups in veterinary medicine |
| | | 6 | To learn company producing veterinary drugs |
| | | 7 | To learn label and prospectus of drugs |
| | | 8 | To interpret veterinary drugs and pharmaceutical drug kinds |
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| 21 | Course Content: | | |
| | | Course Content: | |
| Week | Theoretical | Practice | |
| 1 | Basic differences between veterinary and human drugs | Practice | |
| 2 | Basic veterinary drug kinds | Presentation of different pharmaceuticals | |
| 3 | Basic properties of pharmaceuticals | Presentation of drugs that has to some properties | |
| 4 | Application route of veterinary drugs | Presentation of application route | |

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| 5 | Veterinary drug groups | Presentation of different group drugs |
| 6 | Using aims of veterinary drugs | Presentation of drugs for using aims |
| 7 | Label and prospectus knowledge of veterinary drugs | Examination of label and prospectus knowledge of veterinary drugs |
| 8 | Veterinary drugs according to animals species | Compare of some carnivor, ruminants and equine drugs |
| 9 | Galenic pharmacy | Practise of some galenic drugs |
| 10 | Information about veterinary drug companies | Control the drug companies and their products via internet |
| 11 | Information about veterinary drug companies | Control the drug companies and their products via internet |
| 12 | Storage and shelf life of veterinary drugs | Examination of some drugs from internet |
| 13 | Drug use with registered and prospectus and importance | Examination of some cases with off label using drugs |
| 14 | General evaluation | General evaluation |

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| 22 | Textbooks, References and/or Other Materials: | Veteriner Hekimliğinde İlaç Rehberi (Drug Guide in Veterinary Medicine) (Kaya, S. and Bilgili, A., Ankara, 2001) Veterinary Pharmacy (Kayne, S.B., Jepson, M.H., London, 2004) |
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| 23 | Assesment |
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| TERM LEARNING ACTIVITIES | NUMBER | WEIGHT |
|--------------------------|--------|--------|
| Midterm Exam | 0 | 0.00 |

| Activites | Number | Duration (hour) | Total Work Load (hour) |
|---------------------------|--------|-----------------|------------------------|
| Theoretical Total | 3 | 14.00 | 14.00 |
| Practicals/Labs | 14 | 2.00 | 28.00 |
| Self-study/Preparation | 14 | 2.00 | 28.00 |
| Homeworks | 2 | 14.00 | 28.00 |
| Projects Total | 1 | 8.00 | 8.00 |
| Field Studies | 0 | 0.00 | 0.00 |
| Online exams | 0 | 0.00 | 0.00 |
| Others | 0 | 0.00 | 0.00 |
| Final Exams | 1 | 14.00 | 14.00 |
| Total Work Load | | | 120.00 |
| Total work load/ 30 hr | | | 4.00 |
| ECTS Credit of the Course | | | 4.00 |

| 25 | CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS | | | | | | | | | | | | | | | |
|-----|---|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|
| | PQ1 | PQ2 | PQ3 | PQ4 | PQ5 | PQ6 | PQ7 | PQ8 | PQ9 | PQ10 | PQ11 | PQ12 | PQ13 | PQ14 | PQ15 | PQ16 |
| ÖK1 | 4 | 4 | 4 | 3 | 4 | 3 | 3 | 4 | 4 | 3 | 2 | 3 | 0 | 0 | 0 | 0 |
| ÖK2 | 3 | 4 | 3 | 4 | 4 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 |
| ÖK3 | 4 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 4 | 3 | 0 | 0 | 0 | 0 |
| ÖK4 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 4 | 3 | 3 | 0 | 0 | 0 | 0 |

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| ÖK5 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 2 | 2 | 0 | 0 | 0 | 0 |
| ÖK6 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 3 | 0 | 0 | 0 | 0 |
| ÖK7 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 3 | 3 | 3 | 0 | 0 | 0 | 0 |
| ÖK8 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 3 | 3 | 4 | 3 | 3 | 0 | 0 | 0 | 0 |

LO: Learning Objectives PQ: Program Qualifications

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| Contribution Level: | 1 very low | 2 low | 3 Medium | 4 High | 5 Very High |
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