

## COURSE DESCRIPTION

|   |   |
|---|---|
| <b>Academic year:</b> 2022/2023   |   |
| <b>University:</b> Comenius University Bratislava   |   |
| <b>Faculty:</b> Faculty of Pharmacy   |   |
| <b>Course ID:</b><br>FaF.KFT/17-Mgr/00  | <b>Course title:</b><br>Veterinary Pharmacology |
| <b>Educational activities:</b><br><b>Type of activities:</b> lecture<br><b>Number of hours:</b><br><b>per week: 2 per level/semester: 28</b><br><b>Form of the course:</b> on-site learning   |   |
| <b>Number of credits:</b> 2   |   |
| <b>Recommended semester:</b> 6.   |   |
| <b>Educational level:</b> I.II.   |   |
| <b>Prerequisites:</b>   |   |
| <b>Course requirements:</b><br>To be admitted to the exam, student is required to attend all lectures and seminars. The condition for passing the course is passing the final exam test and the oral exam. The test and the oral exam contribute equally to the overall result of the exam and the student must demonstrate mastery of at least 60% of the required knowledge. The exam test result is evaluated on a scale: A (at least 92%), B (at least 83%), C (at least 76%), D (at least 68%), E (at least 60%) and Fx (less than 60% of the maximum number points).<br>Scale of assessment (preliminary/final): 0/100  |   |
| <b>Learning outcomes:</b><br>By completing the course, the student will gain an overview of the specifics of veterinary medicine and veterinary pharmacology. Student will be familiar with veterinary drugs, which are an important part of pharmaceutical practice.   |   |
| <b>Class syllabus:</b><br>The course pays attention to the specifics of the use of drugs in animals - routes of administration, drug forms, the properties of veterinary drugs, the use of drugs in veterinary practice (medical, biotechnological). Particular attention is paid to drug residues in animal products intended for human consumption and protection periods in animals.<br>The scope of the course in the form of lectures and seminars is focused on individual specific groups of veterinary drugs:<br>Specifics of veterinary pharmacology - differences from human pharmacology.<br>Legislative regulation of veterinary health care.<br>Veterinary drug forms and routes of administration.<br>Zoonoses, the most common animal diseases.<br>Pharmacology of selected groups of veterinary drugs: <ul style="list-style-type: none"><li>- Drugs used in infectious and invasive diseases.</li><li>- Drugs affecting the central and peripheral nervous system.</li><li>- Medicines that affect the blood circulation.</li><li>- Medicinal products acting on the gastrointestinal tract.</li><li>- Medicinal products that affect the reproductive organs. Insemination.</li></ul> |   |

- Drugs affecting metabolism.
- Euthanasia, slaughter of livestock.

**Recommended literature:**

Vodrážka, J. a kol.: Veterinárna farmakológia pre farmaceutov. Bratislava : Príroda, 1980. 344 s.  
 Ševčík, B., Lamka, J.: Veterinární farmakologie pro farmaceuty. Hradec Králové : FaF UK, 1987. 118 s. (skriptá).  
 Lamka J., Ducháček L.: Veterinární léčiva pro posluchače farmacie. Hradec Králové : FaF Univerzity Karlovy, 1998.  
 Šnirc, J. a kol.: Klinická veterinárna farmakológia. Martin: Neografia, 2007, 1182 s.

**Languages necessary to complete the course:**

**Notes:**

**Past grade distribution**

Total number of evaluated students: 298

| A     | ABS | B     | C     | D   | E    | FX   |
|-------|-----|-------|-------|-----|------|------|
| 41,61 | 0,0 | 27,18 | 15,77 | 9,4 | 4,36 | 1,68 |

**Lecturers:** doc. PharmDr. Marek Mátuš, PhD., Mgr. Peter Vavrínek, PhD.

**Last change:** 29.11.2021

**Approved by:** doc. PharmDr. Marek Mátuš, PhD.