

Module Handbook

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| Modul Name | Veterinary Pharmacology |
| Modul Level | 1 (Bachelor) |
| Abbreviation, if applicable | FAT401 |
| Sub-heading, if applicable | |
| Courses included in the module, if applicable | |
| Semester/term | 3/2 |
| Module coordinator(s) | Prof. I Dewa Ketut Meles, drh., MS |
| Lecturer(s) | 1. Prof. I Dewa Ketut Meles, drh., MS. (PJKM) 2. Prof. Sri Agus Sudjarwo, drh., PhD. 3. Dr. Iwan Sahrial Hamid, drh., MSi. 4. Dr. Rochmah Kurnijasanti, drh., MSi. |
| Language | Bahasa Indonesia and English |
| Classification within the curriculum | Compulsory/ elective course |
| Teaching format/class hours per week during the semester | 2 class hour lecture (2 x 170 minutes lecture) x 14 weeks 1 class hour lecture (1 x 170 minutes lecture) x 14 weeks |
| Workload per semester | 340 minutes lecture is divided into 100 minutes face to face interaction, 100 minutes assignment, 140 minutes independent study. 170 minutes practical is spent on conducting activities in laboratory/ field |
| Credit points | 3 (lecture 2, Practical 1) (~4.53 ECTS) |
| Requirements | - |
| Learning goals/competencies | Students are able to explain various types of drugs based on: class, chemical structure, pharmacokinetics, pharmacodynamics, side effects indications and contraindications and good and correct drug interactions |
| Content | The material discusses the introduction of general pharmacology and pharmacology, autonomic drugs, CNS stimulants & muscle relaxants, general anesthesia, local anesthetics, sedatives-hypnotics, analgesics-antipyretics, diuretics, hormones |
| Softskills attribute | Ethics, Learning Orientation, Motivation for achievement Analytical thinking Oral communication |
| Study/exam achievements | Final exam (27,3%), Mid Term Exam (18.2%), Assigment (13,6%), Quizzes (13,6%), Softskill (9,1%), Practical report (18.2%).. |
| Forms of media | Computer projector, white board, AULA (Airlangga University e-Learning Application) |
| Literatures | 1. Sulistia <i>et al.</i> 1995. Farmakologi dan terapi. Edisi 4. Bagian Farmakologi Fakultas Kedokteran Universitas Indonesia. 2. Goodman and Gilmans. 1990. The Pharmacological Basis Of Therapeutics. 8 th Ed. Mac Millan Publishing Company. |

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| | 3. Nicholas, HB and EM. Leslie. 1992. Veterinary Pharmacology and Therapeutics. 6 th ed. Iowa State University Press |
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