

Module Handbook

Modul Name	Veterinary Pharmacotherapy and Toxicology
Modul Level	6 (Bachelor)
Abbreviation, if applicable	FAT402
Sub-heading, if applicable	-
Courses included in the module, if applicable	-
Semester/term	4/2
Module coordinator(s)	Dr. Rohmah Kurnijasanti, drh., M.Si.
Lecturer(s)	<ol style="list-style-type: none"> 1. Dr. Rohmah Kurnijasanti, drh., M.Si. 2. Prof. Dr. Dewa Ketut Meles, drh., MS. 3. Prof. Sri Agus Sudjarwo, drh., PhD. 4. Dr. Iwan Sahrial Hamid., drh. M.Si.
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) and 1 class hour practical (170 minutes practical) x 14 weeks
Workload per semester	340 minutes lecture is divided into 100 minutes face to face interaction, 100 minutes structured activities and 140 minutes independent study; 170 minutes practical is spent on laboratory/field work.
Credit points	3 (lecture 2/practical1) (~4.53 ECTS)
Requirements	Veterinary Pharmacology
Learning goals/competencies	Students will be able to explain chemical structure, pharmacokinetics, pharmacodynamics, working mechanisms and side effects and interactions of various drugs and ingredients that can cause poisoning, clinical symptoms due to poisoning, the mechanism of action of toxins and how to deal with poisoning.
Content	This course discusses antibiotics, antacids, and antidiarrheal, anthelmintic, chemotherapy, antiprotozoa. Antivirus, anticancer, introduction to toxicology, toxic plant toxicology, toxicology of pesticides, toxicology of heavy metals, drug toxicology and toxicology of toxic animals.
Softskills attribute	Ethics, learning orientation, motivation for achievement analytical thinking oral communication

Study/exam achievements	Final exams (27.3%), midterm exam (18.2%), assignment (13.6%) and quizzes 13.6%, soft skill (9.1%), practical (18.2%).
Forms of media	Computer, computer projector, white board, AULA (Airlangga University e-Learning Application)
Literatures	<ol style="list-style-type: none"> 1. Sulistia <i>et al.</i> 1995. Pharmacology and therapy. 4th Ed.. Division of Pharmacology, the Faculty of Veterinary Medicine, Universitas Indonesia. 2. Goodman and Gilman.1990. The Pharmacological Basis of Therapeutics. 8thEd. Mac Millan Publishing Company 3. Nicholas,HB and EM. Leslie.1992. Veterinary Pharmacological and Therapeutics. 6thEd. Iowa State University Press. 4. Clarke and Clarke. 2001. Toksikologi Veteriner. 4thEd. A. Large Medical. 5. Klaasen CD. and JB. Watkins. 2003. Essential. 7thEd. Mc Graw Hill-Toronto.
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