

## Module Handbook

Modul Name	Veterinary Systemic Pathology
Modul Level	6 (Bachelor)
Abbreviation, if applicable	KHU 104
Sub-heading, if applicable	-
Courses included in the module, if applicable	-
Semester/term	5/3
Module coordinator(s)	Arimbi, drh., M.Kes
Lecturer(s)	1. Arimbi, drh., M.Kes 2. Dr. Thomas V. Widiyatno, drh., M.Kes 3. Dr. Hani Plumeriastuti, drh., M.Kes 4. Djoko Legowo, drh., M.Kes
Language	Bahasa Indonesia and English
Classification within the curriculum	Compulsory/ <del>elective</del> 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 general pathology
Learning goals/competencies	Students are able to identify the pathogenesis of specific diseases in several organs (integumentum, muscle and joint, lungs, heart, brain, male and female genitals and liver) due to infectious and non-infectious agent infections and some types of tumors in mammals and ruminants either zoonotic/non zoonotic, macroscopically and microscopically
Content	This course discusses the causes, pathogenesis, clinical symptoms and some forms of lesions both macroscopically/ microscopically on the system of integumentum, muscles and joints. respiration, cardiovascular, digestive, urinary, male and female genital and nervous system, in various types of mammals and ruminants, which are of infectious and non-infectious causes.
Softskills attribute	Motivation for learning, ethics, cooperation, honesty and

	analytics
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"> <li>1. Thomson, 1978. General Veterinary Pathology. WB Saunders Company. Philadelphia London Toronto</li> <li>2. Donald. M, Mc Gavin and Zachary, JF. 2007. Pathologic Basis of Veterinary Disease 4th ed. Mosby Elsevier. St Louis, Missouri 63416.</li> <li>3. Buku Petunjuk Praktikum Patologi Sistemik Veteriner – FKH Universitas Airlangga</li> </ol>
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