

Module Handbook

Modul Name	Lecture of Veterinary Physiology
Modul Level	1 (Bachelor)
Abbreviation, if applicable	KHU101
Sub-heading, if applicable	
Courses included in the module, if applicable	
Semester/term	2/1
Module coordinator(s)	Ratna Damayanti, drh, M.Kes
Lecturer(s)	1. Ratna Damayanti, drh, M.Kes. (PJMK) 2. Dr. Kuncoro Puguh Santoso, drh., M.Kes 3. Prof. Dr. Anwar Ma'ruf, drh., M.Kes
Language	Bahasa Indonesia and English
Classification within the curriculum	Compulsory/ elective course
Teaching format/class hours per week during the semester	3 class hour lecture (3 x 170 minutes lecture) x 14 weeks
Workload per semester	510 minutes lecture is divided into 150 minutes face to face interaction, 150 minutes assignment, 210 minutes independent study.
Credit points	3 (lecture) (~4.53 ECTS)
Requirements	-
Learning goals/competencies	Students who are able to describe the main functions and functions of the body in physiological and pathological conditions especially in order to be used as a mindset in carrying out the right and right actions
Content	This course is a basic knowledge of physiological functions and organic systems. The subject matter of this course covers the function of organelles and biophysics, autonomic nerve function, central and sensory nerves, the functions of striped muscles and smooth muscles as well as body and oxygen functions, energy functions and balance, and regulation, the function of absorption in the monogastric digestive system and ruminants, hormonal functions of the pituitary, pancreatic, adrenal, thyroid and parathyroid glands, diseases of electrolyte reabsorption in the kidneys and acid-base balance systems and component functions
Softskills attribute	Learning orientation, Ethics, Motivation participate
Study/exam achievements	Final exam (33.3%), midterm (22.2)%, assigment(16.7%), quizzes (16.7%), soft skill (11.1%).
Forms of media	Computer projector, white board, AULA (Airlangga University e-Learning Application)
Literatures	1. Guyton, AC and J E Hall. 2011. Textbook of Medical Physiology. 12 th ed. W B Saunders, USA.

	<p>2. Swenson,MJ.2004.Dukes Physiology of Domestic Animals 5th ed. Cornell Univ Pr. New York, USA</p> <p>3. Frandson,RD, W L Wilke, A D Fails.2003. Anatomy and Physiology of Farm Animals 6th ed.Lippincott Williams &Wilkins, Tokyo, Japan</p>
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