

Module Handbook

Modul Name	Practical of Veterinary Physiology
Modul Level	1 (Bachelor)
Abbreviation, if applicable	KHU102
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. 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	1 class hour practical (170 minutes practical) x 14 weeks
Workload per semester	170 minutes practical is spent on conducting activities in laboratory/ field
Credit points	1 Practical) (~1.51 ECTS)
Requirements	-
Learning goals/competencies	Students are able to apply the performance principles of the functions of the body and body systems which involve the role of: Peripheral Nerves in the Phenomenon of Skeletal Muscle Contractions, Plain Muscle Contractions and Heart Muscle Contractions so that they can then be used as a mindset to determine pathological conditions and treatment measures properly
Content	The material is presented through practical activities which include: observation of contraction of smooth muscle, skeletal muscle, and heart muscle using a chimograph, so that the effects on mechanical, temperature and chemical stimulation are known
Softskills attribute	Leadership Cooperation Ethics
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. Guyton, AC and J E Hall. 2011. Textbook of Medical Physiology. 12 th ed. W B Saunders, USA. 2. Swenson, MJ. 2004. Dukes Physiology of Domestic Animals

	<p>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> <p>Widjaja,NR., A. Ma'ruf, , KP. Santoso, dan R. Damayanti. 2013. Buku Petunjuk Praktikum Fisiologi Veteriner.</p>
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