

Module Handbook

Modul Name	Practical of Veterinary Biochemistry
Modul Level	1 (Bachelor)
Abbreviation, if applicable	BIK102
Sub-heading, if applicable	
Courses included in the module, if applicable	
Semester/term	1/1
Module coordinator(s)	Dr. Kadek Rachmawati, drh., M.Kes
Lecturer(s)	1. Dr. Kadek Rachmawati, drh., M.Kes. (PJKM) 2. Dr. E. Bimo Aksono H, drh., M.Kes. 3. Prof. Dr. C.A. Nidom, drh.M.S., 4. Dr. Nove Hidayati, 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) (~4.53 ECTS)
Requirements	-
Learning goals/competencies	Students are able to apply an analysis of biocatalysts, biochemical processes and metabolism of living things, especially animals, both in certain physiological and pathological conditions so that they can be used as a mindset in taking good and proper treatment
Content	Students conduct biochemical science labs and analysis of factors that influence enzymatic reactions in metabolism
Softskills attribute	Interpersonal relations, Oral communication, Writing communication, -Cooperation
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. Murray, RK., DK. Granner., PA. Mayesand VW. Rodwell 2008. Harpers Illustrated Biochemistry. 29 th Edition. 2. Lehninger, AL., DL. Nelsomand MM. Cox. 1993. Principles of Biochemistry. 3. Sigit, S., EB Aksono, CA.Nidom, K. Rachmawati dan N.

	Hidayati. 2012. Petunjuk praktikum Biokimia Veteriner. FKH Unair.
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