

Module designation	Laboratory work in Animal Physiology
Semester(s) in which the module is taught	Odd/3rd
Person responsible for the module	Dr. Himmatul Hasanah, MP.
Language	Bahasa Indonesia
Relation to curriculum	Compulsory
Teaching methods	Lab works, project, seminar, exam
Workload (incl. contact hours, self-study hours)	Total workload is 46 hours per semester which consists of 170 minutes lab work per week for 16 weeks.
Credit points	1 SKS (1 ECTS)
Required and recommended prerequisites for joining the module	Basic Biology
Module objectives/intended learning outcomes	PLO-2, PLO-3, PLO-6, PLO-8, PLO-9
Content	This course discusses the awareness and skillful to analyze of blood component, urine component, gas respiratory, blood pressure and know to result analyze.
Examination forms	Presence, task, quiz, mid-semester exam, final semester exam, case study, team based project.

Study and examination requirements	The final mark will be weight as follow:			
	NO	Assessment Techniques	Percentage Weight Assessment (%)	Information
	1	Kognitif	50	Maximum assessment weight accumulation 50%
		Presence	5	
		Task	5	
		Quiz	5	
		Mid-semester exams	10	
		Final Semester Exam	25	
	2	Participatory	50	Maximum assessment weight accumulation 50%
		Case study	25	
		Team Based Project	25	
		<b>Total</b>	<b>100</b>	
	Reading list	A. Hill, Richard, W., Wyse, Gordon, A. Margaret Anderson. 2021. Animal Physiology, 5th ed. Sunderland: Sinauer Associates, Inc.		
B. Christopher D. Moyes, and Patricia M. Schulte. 2015. Principles of Animal Physiology, 3rd ed. Pearson Benjamin Cummings. San Fransisco.				
C. Sherwood, Klandorf, & Yancey. 2015. Animal Physiology: From Genes to Organism.USA: Brooks/Cole, Cengage Learning.				
D. Hall, J.E, and Hall, M.E. 2020. Guyton and Hall Textbook of Medical Physiology 14 <sup>th</sup> ed. Elsevier.				