

Module designation	Animal Physiology
Semester(s) in which the module is taught	Odd/3rd
Person responsible for the module	drh. Tri Harjana, MP and Dr. Himmatul Hasanah, MP.
Language	Bahasa Indonesia
Relation to curriculum	Compulsory
Teaching methods	Lecture, project, seminar, exam
Workload (incl. contact hours, self-study hours)	Total workload is 91 hours per semester which consists of 100 minutes lectures, 120 minutes structured activities, and 120 minutes individual study per week for 16 weeks.
Credit points	2 SKS (3.2 ECTS)
Required and recommended prerequisites for joining the module	Basic biology
Module objectives/intended learning outcomes	PLO-4 PLO-6 PLO-8 PLO-11
Content	This course discusses the awareness of homeostasis, regulatory mechanism, mechanism physiology to all systems such as respiratory system, digestive system, circulatory system, endocrine system, immunologic system, etc and understanding of systemic disorder mechanism.
Examination forms	Presence, task, quiz, mid-semester exam, final semester exam, case study, team based project.

Study and examination requirements	<p>The final mark will be weight as follow:</p> <table><tr><th>NO</th><th>Assessment Techniques</th><th>Percentage Weight Assessment (%)</th><th>Information</th></tr><tr><td>1</td><td>Cognitive</td><td>50</td><td>Maximum assessment weight accumulation 50%</td></tr><tr><td rowspan="5"></td><td>Presence</td><td>5</td><td></td></tr><tr><td>Task</td><td>5</td><td></td></tr><tr><td>Quiz</td><td>5</td><td></td></tr><tr><td>Mid-semester exams</td><td>10</td><td></td></tr><tr><td>Final Semester Exam</td><td>25</td><td></td></tr><tr><td>2</td><td>Participatory</td><td>50</td><td>Maximum assessment weight accumulation 50%</td></tr><tr><td rowspan="3"></td><td>Case study</td><td>25</td><td></td></tr><tr><td>Team Based Project</td><td>25</td><td></td></tr><tr><td>Total</td><td>100</td><td></td></tr></table>	NO	Assessment Techniques	Percentage Weight Assessment (%)	Information	1	Cognitive	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		Total	100	
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Reading list	<p>A. Hickman Jr., C.P., Roberts, L.S., and Allan Larson. 2006. Biology of Animals. Boston: Mc Graw Hill Company.</p> <p>B. Rastogy S.C. 2008. Essentials of Animal Physiology 4th ed. New Age International Publishers.</p> <p>C. Hill, Richard, W., Wyse, Gordon, A. Margaret Anderson. 2016. Animal Physiology, 4th ed. Sunderland: Sinauer Associates, Inc.</p> <p>D. Sherwood, Klandorf, & Yancey. 2013. Animal Physiology: From Genes to Organism 2nd ed. USA: Brooks/Cole, Cengage Learning.</p> <p>E. Guyton, A.C., and Hall, J.E. 2020. Textbook of Medical Physiology 14th ed. Elsevier.</p> <p>F. Hill, R. 2021. Animal Physiology 5th Ed. Sinauer Associates is an imprint of Oxford University Press.</p>																																						