



THE MODULE HANDBOOK

Magister Biology Study Program

FACULTY OF BIOLOGY

BEHAVIOR PHYSIOLOGY OF ANIMAL

Course code	BIMB202207
Course level	Magister
Semester/ term	Odd
Course coordinator(s)	Slamet Widiyanto (M.Sc., Dr.)
Lecture(s)	1. Slamet Widiyanto (M.Sc., Dr.). 2. Sosilohadi, Ph.D.
Language	Indonesia
Classification within the Curriculum	Compulsory
Teaching format/ class hours per week during the semester	This course is planned to have 14 teaching weeks and 2 weeks of examination.
Workload	Estimated working hour: 2 credits of theory
Credits	2 credits
Requirements	
Program Learning Outcome	KN1.: The graduates are demonstrating knowledge and comprehend biological theories, includes all aspects of biological studies at various levels in the organization of life (Knowledge) GS1.: The graduates are able to develop logical, critical, systematic, and creative thinking through scientific concept and research (General Skills)
Course Learning Outcome	1. An understanding of the integrative nature of the biology of organisms related to the physiology of animal behavior. 2. Understand the basic concepts of animal behavior physiology 3. Understand and be able to analyze animal behavior. 4. Understand the cellular and molecular mechanisms that control animal behavior 5. Understand the specific technologies associated with behavioral physiology
Course Description	Animal behavior and physiology is the study of how animals respond to and interact with the environment and other biota. Understand how animals behave and adapt to the external environment. The key to understanding this is the process by



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	which adaptive responses emerge through evolutionary selection. Therefore, the focus of this subject is to gain an understanding of the various internal and external responses of animals and the processes that drive their evolution. Emphasis is placed on how adaptive responses enable species to survive and reproduce, and how environmental change supports or does not support behavioral and physiological adaptations.																																			
Assesments	<table border="1"><thead><tr><th>Assessment component</th><th>Percentage</th><th>CPMK 1</th><th>CPMK 2</th><th>CPMK 3</th><th>CPMK 4</th><th>CPMK 5</th></tr></thead><tbody><tr><td>Assignment</td><td>10%</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td></tr><tr><td>Quiz</td><td>15%</td><td>2</td><td>2</td><td>2,5</td><td>5</td><td>2,5</td></tr><tr><td>Midterm exam</td><td>35%</td><td>20</td><td>15</td><td></td><td></td><td></td></tr><tr><td>Final exam</td><td>40%</td><td></td><td></td><td>5</td><td>20</td><td>15</td></tr></tbody></table>	Assessment component	Percentage	CPMK 1	CPMK 2	CPMK 3	CPMK 4	CPMK 5	Assignment	10%	2	2	2	2	2	Quiz	15%	2	2	2,5	5	2,5	Midterm exam	35%	20	15				Final exam	40%			5	20	15
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Study Media	Lecture Note, PPT, Ref. Class Room, Home Work, Quiz, GMeet, Webex, Zoom																																			
Literature	<ol style="list-style-type: none">1. Shettleworth, S. J. 2010. <i>Evolution, Cognition and Behavior</i>. 2nd Edition. Oxford University Press.2. Pearce, J. (2008) <i>Animal learning and cognition</i>. 3rd edition. Psychology Press.3. P. Simmons and D. Young. 2010. <i>Nerve Cells and Animal Behaviour</i>, 3rd edition. Cambridge Univ. Press.4. J. Alcock (2009) <i>Animal Behavior: An Evolutionary Approach</i>. 9th edition.5. Hosey, G., Melfi, V. and Pankhurst, S.2009. <i>Zoo Animals: Behaviour, Management and Welfare</i>. Oxford University Press.																																			