

Undergraduate Programme in Biology

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MODULE HANDBOOK

Module Name	Vertebrate Systematics	
Module level, if applicable	Bachelor	
Code, if applicable	BIO425057	
Subtitle, if applicable	-	
Courses, if applicable	Zoology	
Semester(s) in which the module is taught	5 th (fifth)	
Person responsible for the module	Najda Rifqiyati, S.Si, M.Si	
Lecturer(s)	Najda Rifqiyati, S.Si, M.Si	
Language	Indonesia	
Relation to curriculum	Elective course in the third year (6 th semester) Bachelor Degree	
Type of teaching, contact hours	100 minutes lectures, 120 minutes structured activities, 120 minutes individual study, 170 minutes laboratory practical per week.	
Workload	Total workload is 136 hours per semester, which consists of 100 minutes lectures per week for 14 weeks, 180 minutes structured activities per week, 180 minutes individual study per week, 170 minutes laboratory practical per week, in total is 16 weeks per semester, including mid exam and final exam.	
Credit points	3 credits (4,5 ECTS)	
Requirements according to the examination regulations	Minimum attendance of 75%, Participate in all laboratory practical and exam of laboratory practical.	
Recommended prerequisites	No prerequisites stated on	
Module objectives/intended learning outcomes	<p>After completing this course, the students:</p> <p>CO 1. Able to understand concepts and theories in vertebrate systematics to witness the majesty of God with existing kauniyah verses.</p> <p>CO 2. Able to identify invertebrate species based on their specific characteristics.</p> <p>CO 3. Able to classify/group into taxa based on the characteristics</p> <p>CO4. Able to understand the diversity of vertebrates.</p>	
Content	Characteristics; classification and role of pisces, amphibia, reptilia, Aves, Mammalia order in life.	
Study and examination requirements and forms of examination	The final mark will be weighted as follows:	
	NO	Assessment methods (components, activities)
	1	Final Examination
	2	Mid-Term Examination
	3	Laboratory practical
	4	paper
	5	Class activities : quiz, homework etc
	The final assessment is expressed in the form of a letter value converted from a number value with the following categories:	
		Weight (percentage)
		30%
		20%
		30%
		5 %
		15 %

	NO	Number Value	Letter Value	NO	Number Value	Letter Value
	1	≥ 95	A	7	65-69.99	B/C
	2	90-94.99	A-	8	60-64.99	C+
	3	85-89.99	A/B	9	55-59.99	C
	4	80-84.99	B+	10	50-54.99	C-
	5	75-79.99	B	11	55-34.99	D
	6	70-74.99	B-	12	<35	E
Media employed	White-board, Lcd Projector, e-learning (https://daring.uin-suka.ac.id/)					
Reading list	1. Mayr E. 2015. Principles of Systematic Zoology. McGrawhill.Inc. 2. Brotowidjoyo M.D. 1994. Zoologi Dasar. Erlangga. Jakarta. 3. Pough, F.H. & C.M. Janis. 2018. <i>Vertebrate life</i> . 10th edition. Sinauer Associates is an imprint of Oxford University Press. 4. D.T. ISKANDAR. 1998. AMPHIBIA JAWA DAN BALI 5. Jurnal yang relevan 6. Al Qur'an/Al Hadits 7. Petunjuk praktikum					

PLO and CO Mapping

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11
CO 1				√							
CO 2				√							
CO 3				√	√						
CO 3				√	√						