



FACULTY OF AGRICULTURE

DEPARTMENT OF ANIMAL SCIENCE

UNDERGRADUATE PROGRAM

MODULE HANDBOOK

Module designation	Zoology
Semester(s) in which the module is taught	1 st Semester
Person responsible for the module	Ir. Cut Intan Novita, M.Si
Language	Indonesia/English
Relation to curriculum	Compulsory module
Teaching methods	Discussion, use of audio visuals, questions and answers, group assignments, individual assignments
Workload	<ul style="list-style-type: none"> ✓ 100 minutes lecture and discussion per week ✓ 120 minutes structured tasks per week ✓ 120 minutes learn to be independent per week
Credit points	2 credits point (lesson = 2) = 3.2 ECTS
Required and recommended prerequisites for joining the Module	-
Module objectives/intended learning outcomes	<ul style="list-style-type: none"> • Students understand the scope of Zoology, are able to explain the basics of classification and the functions and purposes of classification, are able to explain how to name species using the principle of binomial nomenclature, are able to explain the meaning of taxonomy and determination. • Students know and understand the classification, physiology and anatomy of Chondrichthyes, Osteichthyes, amphibians, aves, reptiles, mammals (ruminants) • Students have knowledge, understanding and are able to explain the classification, physiology and anatomy of Chondrichthyes, Osteichthyes, amphibians, aves, reptiles, mammals (ruminants).
Content	This course helps students develop and strengthen introduction to taxonomy and zoology classification, physiology, and anatomy of chondrichthyes classification, physiology, and anatomy of osteichthyes classification and anatomy of amphibians physiology of amphibians classification of birds use of bird classification organization of bird anatomy physiology of birds physiology of reptiles function and classification of mammals (ruminants) mammalian anatomy.
Examination and assesment formats	Disciplined, able to work in a team and active in discussions class



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Study and examination requirements	<ul style="list-style-type: none">✓ 20% structured tasks/project cases✓ 20% quiz✓ 30% mid test✓ 30% final test
Reading list	<p>Hickman, C. P., Roberts, L. S., Keen, S. L., Larson, A., Eisenhour, D. J., & I'Anson, H. (2020). Integrated principles of zoology (18th ed.). New York, NY: McGraw-Hill Education.</p> <p>Komala, Siskha Noor. 2022. Biology Notes: Zoologi. Zahira Media Publisher. Indonesia</p> <p>Pawar, Kishore R. Desai, Ashok E. 2023. APPLIED ZOOLOGY-II (SY BSc Semester 4 Zoology (ZO-242) Paper 2). Nirali Prakashan.</p>