



**USK**  
UNIVERSITAS  
SYIAH KUALA

# **FACULTY OF AGRICULTURE**

## **Department of Animal Science**

### UNDERGRADUATE PROGRAM

Module designation	Zoology Practice
Semester(s) in which the module is taught	1 <sup>st</sup> Semester
Person responsible for the module	Ir. Cut Intan Novita, M.Si
Language	Indonesian/English
Relation to curriculum	Compulsory module
Teaching methods	Demonstration and practice
Workload	170 minutes of lectures and discussion per week
Credit points	1 (Lab works) = 1,6 ECTS
Required and recommended prerequisites for joining the Module	-
Module objectives/intended learning outcomes	<ul style="list-style-type: none"> <li>• Students Understand the scope of Zoology practicums, the procedures for practicums, and the regulations for implementing Zoology practicums.</li> <li>• 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.</li> <li>• Students know and understand the classification, physiology and anatomy of Chondrichthyes, Osteichthyes, amphibians, aves, reptiles, mammals (ruminants)</li> <li>• Students have knowledge, understanding and are able to explain the classification, physiology and anatomy of Chondrichthyes, Osteichthyes, amphibians, aves, reptiles, mammals (ruminants).</li> </ul>
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 together in a team and be active in class discussion.
Study and examination requirements	<ul style="list-style-type: none"> <li>• Activities/Practicum (20%)</li> <li>• Reports (20%)</li> <li>• Exam (30%)</li> <li>• Attitude (20%)</li> </ul>



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	<ul style="list-style-type: none"><li>• Presence (10%)</li></ul>
Reading list	<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> <p>Maya, S. dan Nurhidayah. 2020. Zoologi Invertebrata. Widina Bhakti Persada. Bandung: Jawa Barat.</p>