UNIVERSITAS ISLAM NEGERI MAULANA MALIK IBRAHIM MALANG
Faculty of Science and Technology
Biology Study Program
Jl. Gajayana No. 50 Malang 65144 Telp. / Fax. (0341) 558933, website : www.matematika.uin-malang.ac.id, e-mail : matematika@uin-malang.ac.id

MODULE HANDBOOK

Module name	Animal Reproduction and Embryology
Module level, if applicable	Bachelor
Code, if applicable	1762211
Courses, if applicable	Animal Reproduction and Embryology
Semester(s) in which the module is taught	3rd (third)
Person responsible for the module	Prof. Dr.Retno Susilowati, M.Si
Lecturers	1. Prof. Dr.Retno Susilowati, M.Si. 2. Kholifah Holil, M.Si
Language	Bahasa Indonesia
Relation to curriculum	Compulsory course in the second year (3rd semester) bachelor's degree
Type of teaching, contact hours	100 minutes lectures, 50 minutes laboratory and 180 minutes structured activities per week
Workload	Workload 3 SKS 1. Face to face method (2 sks) Consists of 100 minutes lectures, 120 minutes self- study and 120 minutes structured activity per week for 16 weeks, (5440 minutes = 90,6 hours) equivalent to 3,2 ECTS 2. Laboratory activity method (1 SKS) 70 minutes structured activities per week 100 minutes laboratory for 7 weeks. Total 1.190 minutes = 19,8 hours equivalent to 0,7 ECTS The total workload is 3,9 ECTS
Credit points	3
Requirements according to the examination regulations	Students are required to fulfill 80% class attendance
Recommended prerequisites	General Biology, Cell Biology, Animal Structure and Development I
Module objectives/intended learning outcomes	After completing this course, the students should have ability to: 1. identify verses of the Koran and hadith related to the concept of reproductive anatomy and physiology in accordance with Islamic values, Pancasila, and the 1945 Constitution 2. identify the wisdom values found in each concept of reproductive anatomy and physiology in accordance with Islamic values, Pancasila, and the 1945 Constitution 3. explain the concept of anatomy and its role in influencing reproductive physiology in animals. 4. examine the relationship between the anatomy and physiology of animal reproduction with several reproductive diseases or disorders caused by changes in the anatomical and physiological structures of animal reproduction. 5. carry out practicum related to the concepts of reproductive anatomy and physiology both individually and as a team according to biology methodology and skills

	6. report the practical results of reproductive anatomy and physiology concepts that have been carried out both individually and in teams according to the methodology and biology skills
Content	Anatomy and Physiology of Male Genitals Anatomy and Physiology of Female Genitals Reproductive Hormones Reproductive Cycle Fertilization Embryogenesis, Implantation, and Placentation Pregnancy/Pregnancy Birth and Lactation
Study and examination requirements and forms of examination	The final mark will be weighted as follows: No. Assessment Methods Weight (percentage) 1 Final examination 25% 2 Mid-Term Examination 25% 3 Quiz, Homework 25% 4 Laboratory and report 25% The final grade will be determined as follows: Range / Grade [85 – 100] A [75 – 85) B+ [70 – 75) B [65 – 70) C+ [60 – 65) C [50 – 60) D
Media employed	Whiteboard, Projector, Laptop, Power point, realia
Reading List	1. al-Qur'an dan Hadist beserta tafsir pendukung terkait topik kajian 2. Douglas T. Carrell dan C. Matthew Peterson. (2018). Mammalian Reproductive Biology. Springer 3. Guyton, A. C., & Hall, J. E. (2011). Textbook of medical physiology (12th ed.). Philadelphia, PA: Saunders Elsevier 4. Hafez ESE dan Hafez B (2013). Reproduction in Farm Animals. Wiley-Blackwell

PLO and CO Mapping (The PLO is available on s.id/KodeDeskripsi at "PLO" sheet)

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
CO 1	V								
CO 2	V								
CO 3		V							
CO 4		V							
CO 5				V					
CO 6				V				V	

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