



Course Module
Departement of Animal Science
Faculty of Animal Science
Universitas Brawijaya

Module Name	Miscellaneous Animal Technology
Module Level	Undergraduate Study Program of Animal Science
Code	PEP60012
Subtitle	-
Courses	Miscellaneous Animal Technology
Semester (s)	6
Person responsible for the module	-
Lecturer	1. Dr. Ir. Sri Minarti, MP, IPM, Asean Eng 2. Prof. Dr. Ir. Moch. Junus, MS 3. Ir. Nur Cholis, M.Si, IPM, Asean Eng
Language	Combination (Indonesian language and English)
Relation to curriculum	Study Program: Animal Science Specialization: Animal Production Type: Compulsory /Non-Compulsory
Type of Teaching contact hours	Contact hours and class size separately for each teaching method: lecture, lesson, project, practical etc.
Workload	Courses: 90,67 hours/semester Practical: 1,70 hours/semester
Credit Weight	3 credits or 5.1 (ECTS)
Requirements according to the examination regulations	-
Recommended prerequisites	-
Requirements for Passing the Course	-
Prerequisite Course	Various Animal Production Science
Learning Outcomes	Learning Outcomes: 1. Capability to develop knowledge and comprehensive mindset based on Animal science and industry (LO 4) 2. Capability to analyse the development and implementation of technology through humanities, ethical and scientific value as to provide appropriate solutions and ideas (LO 5) 3. Capability to implement technology in Animal Science to increase productivity, efficiency, quality and sustainability based on breeding, nutrition, processing, management as well as to organize an entrepreneurship concept and a sustainable production system (lo 13)

	<p>Course Learning Outcomes:</p> <ol style="list-style-type: none"> 1. Students are able to develop technology in various animal production systems 2. Students are able to apply technology in various animal production systems 3. Able to evaluate the role of technology in various animal production systems <p>Objectives: The course discusses technology in the development of various animal commodities including design, application, and evaluation which are given in the form of offline learning, discussions, practicum, assignments, or presentations</p> <p>Knowledge: Able to determine technology in various animal production systems</p> <p>Skills: cognitive- Able to apply technology in various animal production systems. Phsycomotoric-Students are Able to evaluate the role of technology in various animal production systems</p> <p>Competences: Able to design Animal Production System Development Technology of Rabbits, Production System Development Technology of Honey Bees, Production System Development Technology of Silkworms</p>
Learning Content	<p>Learning content include:</p> <ol style="list-style-type: none"> 1. Animal Production System Development Technology of Rabbits 2. Production System Development Technology of Honey Bees 3. Production System Development Technology of Silkworms
Study and examination requirements and forms of examination	<ul style="list-style-type: none"> - Attendance >80% - The final score of all the components of the PBM evaluation >44 <p>The final score component:</p> <ul style="list-style-type: none"> - 30% Midterm Exam - 30% Final Exam - 20% Practicu - 10% Structured Assignments - 10% Quiz <p>A : 80 < Final Score ≤ 100 B+ : 75 < Final Score ≤ 80 B : 69 < Final Score ≤ 75 C+ : 60 < Final Score ≤ 69 C : 55 < Final Score ≤ 60 D : 50 < Final Score ≤ 55 D+ : 44 < Final Score ≤ 50</p>

Test Terms and Forms	Examination requirements: A minimum of 80% attendance to attend Final Exam Forms of the test: Multiple Choices and Essays
Learning Media	Projector and screens, Zoom application, Google Classroom, e-book, WA Group
References	<ol style="list-style-type: none"> 1. USAID, 2014. A Complete Handbook on Backyard and Commercial Rabbit Production. The Keystone Policy Centre on Behalf of The Honey Bee Health Coalition. 2. Canadian Honey Council, 2019. Best Management Practices for Hive Health “A Guide for Beekeeper”. The Keystone Policy Centre on Behalf of The Honey Bee Health Coalition. 3. Imtiyaz Rasool Parrey, Yasir Arafat Lone, 2018. Impact of temperature on crop and higher silk production: silkworm (<i>Bombyx mori</i> L.). MOJ Food Processing & Technology, Volume 6 Issue 2. 4. Sekarappa BM, Gururaj CS. Management of silkworm rearing during summer. Indian Silk. 2008; 27(12):16.