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Module designation	Animal Cultivation
Module level, if applicable	Undergraduate
Code, if applicable	NBIOUM6312
Subtitle, if applicable	-
Courses, if applicable	-
Semester(s) in which the module is taught	Even semester
Person responsible for the module	Prof.Dr.Ir. Suhadi, M.Si.
Lecturer	Prof.Dr.Ir. Suhadi, M.Si.
Language	Bahasa Indonesia
Relation to curriculum	Undergraduate degree program, elective, 6th semester.
Type of teaching, contact hours	Undergraduate degree program: cooperative learning, presentation, laboratory work, 2 x 50 = 100 minutes and 1 x 170 minutes
Workload	1. Lectures: 2 x 50 = 100 minutes (1.67 hours) per week. 2. Exercises and Assignments: 2 x 60 = 120 minutes (2 hours) per week. 3. Laboratory work: 1 x 170 minutes (2.83 hours) per week. 4. Private study: 2 x 60 = 180 minutes (2 hours) per week.
Credit points	3 credit points (~5 ECTS-eq)
Requirements according to the examination regulations	A student must have attended at least 80% of the lectures to be eligible for the final examination.
Recommended prerequisites	-
Module objectives/intended learning outcomes	Students are able to: (LO4) Apply basic concepts, principles and procedures of biology to design investigations as an effort to solve problems in the health, food and environment sectors using technological applications
Course learning outcomes	1. Understanding maintenance techniques, disease control, harvesting and breeding 2. Developing sensitivity and ability to solve problems through animal farming

	3. Analyzing and utilizing the results of animal breeding and thinking about whether to continue their cultivation	
Content	This course covers the following main topic: ● Maintenance techniques, disease control, harvesting and breeding of rabbits, hamsters, mice, guinea pigs, free-range chickens, broilers, laying hens, quail, ducks, catfish, goldfish, cows, goats, canaries, and parakeets .	
Learning activity	Week 1	- Class discussion: writing about the definition of animal husbandry - Identifying tips for success in animal cultivation
	Week 2	Class discussion: identify advantages and prospects in animal cultivation
	Week 3	Class discussion: finding tips that have the potential to be developed in chicken cultivation
	Week 4	Class discussion: finding tips that have the potential to be developed in chicken cultivation
	Week 5	Class presentation: analyzing the constraints in rabbit cultivation
	Week 6	Class presentation: analyzing the constraints in the cultivation of mice and hamsters
	Week 7	Class presentation: exploring business information and prospects from guinea pig cultivation
	Week 8	Class presentation: explaining the kinds of guinea pigs/types of guinea pigs
	Week 9	Class presentation: analyzing the constraints in quail cultivation
	Week 10	Class presentation: analyzing the constraints in catfish cultivation
	Week 11	Class presentation: analyzing the constraints in koi fish cultivation
	Week 12	Class presentation: analyzing the constraints in cattle cultivation
	Week 13	Class presentation: analyzing the constraints in goat cultivation
	Week 14	Class presentation: analyzing the constraints in canary cultivation
	Week 15	Class presentation: analyzing the constraints in parakeet cultivation
	Week 16	Project task: making (Student Creativity Program) PKM to express ideas in written form
Study and examination requirements and forms of examination	Test: 30% Assignment and performance: 40% PKM proposal: 30%	
Media employed	LCD, power point, white board, video and moodle (Sipejar)	
Reading list	1. Aksi Agraris Kanisius. 1992. *Beternak Sapi Perah*. Yogyakarta: Kanisius. 2. Amalia, Risa. 2012. *Mas Koki.* http://ikan-mas-koki.blogspot.com/	

	3. Bharoto K.D. 1992. *Cara Beternak Itik*. Semarang. Aneka Ilmu. 4. Kinantan, K. A. 2012. *Bisnis Hamster dari Menggemaskan hingga Prospektif*. Yogyakarta. 5. Rasyaf, M. 2003. *Beternak Ayam Petelur*. Jakarta: Penebar Swadaya. 6. Rukmana, Rahmat. 1991. *Budidaya Ikan Lele, Untungnya Bagai Menabung Emas* dalam Sinar Tani 7. Sarwono, B. 1991. *Beternak Kambing Unggul*. Jakarta. Penebar Swadaya. 8. Sarwono, B. 1991. *Beternak Kelinci Unggul*. Jakarta. Penebar Swadaya. 9. Smith, JB. dan Mangkoewidjojo S. 1988. *Pemeliharaan Pembiakan dan Penggunaan Hewan Percobaan di Daerah Tropis*. Jakarta : UI-Press. 10. Sudarmono. 2003. *Pembibitan Ayam Ras.* Jakarta: Penebar Swadaya. 11. Turut, R. 2006. Mencetak Kenari Unggul. Penebar Swadaya, Jakarta.
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