

Module Handbook

Modul Name	Animal Reproduction (Practical Work)
Modul Level	Bachelor
Abbreviation, if applicable:	BIF321
Sub---heading, if applicable:	-
Courses included in the module, if applicable:	-
Semester	Odd (5 th and 7 th)
Module Coordinator	Dr. Alfiah Hayati
Lectures	M. Hilman Fuadil A. S.Si., M.Si.
Language	Bahasa Indonesia
Classification within the curriculum:	Compulsory Course / Elective Studies
Teaching format/ class hours per week during semester	300 minutes/ week
Workload per semester	100 min lecture + 100 min structural assignment + 100 min self-assignment x 13 weeks; total 3900 min = 65 hours 65/25 = 2.6 ECTS
Credit point	1
Requirements	Vertebrate Comparative Anatomy (Practical Work)
Learning goals/competencies	<p>General Competence (Skill) Students are able to understand various test for cells, tissues, animal reproductive organs (male and female) and to compile their reports properly.</p> <p>Specific Competence</p> <ol style="list-style-type: none"> 1. Explaining the definition of animal reproduction practical work 2. Comparing the anatomy structure of reproduction organs of several animal taxon. 3. Showing the estrus cycle 4. Elaborating sexual cycle (menstruation and spermatogenesis) 5. Practicing Ovariectomy 6. Practicing Superovulation 7. Showing the condition of reproduction organs during placentation and pregnancy 8. Showing lactation period 9. Showing the morphology spermatozoa from several vertebrates' taxon (class) 10. Comparing the quality of spermatozoa from several male's reproduction organs using different methods 11. Discussing the result of examining menstruation cycle
Content	Examination of anatomy and histology tissue including males and female's reproductive organ; estrous cycle, superovulation, placentation, pregnancy and sperm quality; isolation of protein gametes, gynecology.
Soft skill Attribute	discipline and team work
Study/ exam achievements	Students are considered to be competent and pass if at least get 40% of maximum. Final score (NA) is calculated as follow: Mid Exam (30%) + Final Exam (30%) + Paper project (20%) + Pretest (15%)+ Soft skill (5%) Final index is defined as follow: A : 75 - 100

	AB : 70 - 74.99 B : 65 - 69.99 BC : 60 - 64.99 C : 55 - 59.99 D : 40 - 54.99 E : 0 - 39.99
Form of media	Laboratory equipment
Learning Method	practical work, discussion
Literature	a. Hafez. 1993. <i>Reproduction in farm animals</i> . Lea and Febiger. b. Nalbandov, A.V. 1990. <i>Fisiologi Reproduksi pada Mamalia dan Unggas</i> . Penerbit IU, Jakarta.
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