

Module Handbook

Modul Name	Animal Reproduction
Modul Level	Bachelor
Abbreviation, if applicable:	BIF320
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	2
Requirements	Vertebrate Comparative Anatomy
Learning goals/competencies	<p>General Competence (knowledge) Students are able to explain the principles of the reproductive system in animals (male and female) and to compare the different reproductive system in animal properly.</p> <p>Specific Competence</p> <ol style="list-style-type: none"> 1. Explaining the definition and knowledge of animal reproduction experiments (from different taxon) 2. Explaining the embryology principles of reproduction organs 3. Comparing the anatomy, function, and regulation of animal reproduction system from different taxon 4. Explaining the endocrine reproduction 5. Comparing the reproduction process 6. Explaining the artificial insemination 7. Explaining the molecular organ of female and male reproduction system 8. Explaining the principle of animal reproduction and molecular reproduction organ
Content	Introduction to related research in animal reproduction; reproduction embryology and endocrinology; male animal reproduction (anatomy and function of the male reproductive organs, spermatogenesis, technical examination of spermatozoa, sex hormones), female animal reproduction (anatomy and function of the female reproductive organs, oogenesis, ovulation, implantation, pregnancy/gestation, birth, lactation, sex hormone, menopause); molecular reproduction.
Soft skill Attribute	discipline and argumentation
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 (35%) + Final Exam (35%) + Presentation of International Journal (30%)

	<p>Final index is defined as follow:</p> <p>A : 75 - 100</p> <p>AB : 70 - 74.99</p> <p>B : 65 - 69.99</p> <p>BC : 60 - 64.99</p> <p>C : 55 - 59.99</p> <p>D : 40 - 54.99</p> <p>E : 0 - 39.99</p>
Form of media	LCD and computer
Learning Method	Class, discussion, and presentation
Literature	<p>a. Hafez. 1993. <i>Reproduction in farm animals</i>. Lea and Febiger.</p> <p>b. Nalbandov, A.V. 1990. <i>Fisiologi Reproduksi pada Mamalia dan Unggas</i>. Penerbit IU, Jakarta.</p>
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