

## MODULE HANDBOOK

	<b>UNIVERSITAS PADJADJARAN FACULTY OF MATHEMATICS AND NATURAL SCIENCES BACHELOR OF BIOLOGY PROGRAMME</b>	<b>COURSE CODE D10D-601011</b>
<b>Module designation</b>	Animal Reproduction	
<b>Semester(s) in which the module is taught</b>	6	
<b>Person(s) responsible for the module</b>	1. Dr. Desak Made Malini, M.Si 2. Dr. Yasmi P. Kuntana, MP 3. Dr. Madihah, M.Si	
<b>Medium of instruction</b>	Indonesian	
<b>Relation to curriculum</b>	Elective course	
<b>Teaching methods</b>	Lectures, discussions, cooperative learning, and inquiry learning	
<b>Workload</b>	Total workload : 5440 minutes = 90.67 hours  Lectures, discussions, cooperative learning, and inquiry learning : 2 x 50 minutes x 16 weeks = 1600 minutes = 26.67 hours  Exercises : 2 x 60 minutes x 16 weeks = 1920 minutes = 32 hours Self-study : 2 x 60 minutes x 16 weeks = 1920 minutes = 32 hours	
<b>Credit points</b>	2,00 (3,62 ECTS)	
<b>Required and recommended prerequisites for joining the module</b>	Animal Structure and Physiology	
<b>Module objectives/intended learning outcomes</b>	1. Know and understand the scientific scope of Animal Reproduction 2. Be able to explain the reproductive anatomy of male and female animals and the process of gametogenesis 3. Be able to explain the structure and function of the pituitary gland and its relationship with reproductive hormones, animal mating cycles & seasons 4. Be able to explain the Embryogenesis process 5. Be able to explain special reproductive patterns in mammals 6. Able to explain the mechanisms of implantation, pregnancy and parturition 7. Able to explain fertility, fecundity, sterility 8. Able to explain and understand Animal Reproduction Technology	
<b>Contents</b>	The Animal Reproduction course studies about the scientific scope of Animal Reproduction. After taking this course, students are able to explain the reproductive anatomy of male and female animals and the process of gametogenesis.	
<b>Examination forms</b>	Quiz, midterm exam, assignment, and final exam	
<b>Study and examination requirements</b>	The minimum attendance in lectures is 80%. Final grades are evaluated based on Quizzes (25%), Assignments (25%), midterm exam (25%), and final exam (25%).	
<b>Reading lists</b>	1. Gilbert, S.F. 2000. Developmental Biology, 6th ed. Sunderland: Sinauer Associates, Inc. 2. Johnson, M. & B. Everitt. 1988. Essential Reproduction, 3rd ed. Oxford: Blackwell Scientific Publications 3. Sadler, T.W. 1990. Langmans medical Embriology. 6 th ed. Baltimore Mariland: Williams & Wilkins 4. Carlson, B. M. 1996. Patten's foundations of embryology, 6th ed. New York: McGraw-Hill, Inc 5. Martini F. 1989. Fundamentals of Anatomy and Physiology. Prentice Hall International Edition. 6. Turner, C.D. & Joseph T.B. 1976. Endokrinologi Umum. Airlangga University Press	