

## MODULE HANDBOOK

	<b>UNIVERSITAS PADJADJARAN</b> <b>FACULTY OF MATHEMATICS AND NATURAL SCIENCES</b> <b>BACHELOR OF BIOLOGY PROGRAMME</b>	<b>COURSE CODE:</b> <b>D10D-2005</b>
<b>Module designation</b>	Animals Structure and Physiology 1 Practicum	
<b>Semester in which the module is taught</b>	2	
<b>Persons responsible for the module</b>	1. Dr. Kartiawati Alipin 2. Dra. Nining Ratningsih MIL 3. Dr. Desak Made Malini 4. Dr. Yasmi P. Kuntana 5. Dr. Madihah, S.Si., M.Si	
<b>Medium of instruction</b>	Indonesian	
<b>Relation to curriculum</b>	Compulsory course	
<b>Teaching methods</b>	Practice	
<b>Workload</b>	Total workload : 2720 minutes = 45.33 hour  Practice : 1 x 170 minutes x 16 week = 2720 hour = 45.33 hour Exercises :- Self-study :-	
<b>Credit points</b>	1.00 (1.81 ECTS)	
<b>Required and recommended prerequisites for joining the module</b>	Basic biology	
<b>Module objectives/intended learning outcomes</b>	1. Animal body organization and general functions of organ systems 2. Practicum Animal cell structure and Function 3. Practicum Structure, classification and Function of Epithelial and connective tissues 4. Practicum Structure, classification, and Physiologic of the integumentary system 5. Practicum Structure, classification and Physiology of the nervous system 6. Practicum Structure, classification, and Physiology of the sensory system 7. Practicum Structure, classification, and Physiology of the muscular system 8. Practicum Structure, classification, and Physiology of the skeletal system	
<b>Contents</b>	This course studies the anatomical and histological structure and function of the animal body system, which consists of an introduction: animal body organization, directions, and fields in anatomy; animal cells; basic tissues (epithelial and connective); integumentary system; nervous system and senses; and muscular and skeletal systems.	
<b>Examination forms</b>	Quiz, Midterm exam, Assignment, and Final exam	
<b>Study and examination requirements</b>	The minimum attendance in lectures is 100%. Final grades are evaluated based on quiz (20%), midterm exam (30%), assignment (20%), and final exam (30%)	
<b>Reading lists</b>	1. Gartner L.P. and Hiatt J.L. 2006. Color Textbook of Histology, 3rd ed. Saunders Elsevier: Philadelphia. 2. Drake, R.L, Vogl, W and Mitchell, A.W.M. 2007. Gray's Anatomy for Students. Saunders Elsevier: Philadelphia. 3. Harver, H.A., V.W. Rodwell & P.A. Mayes. 1997. Review of Physiology Chemistry. Lange Medical Publishing. Los Altos California. 4. Vander, A.J., H.S. James & D.S. Luciano. 1994. Human Physiology. McGraw-Hill Inc. New York. St Louis. San Francisco. 5. Tortora, G.G. & N.P. Anagnostakos. 1984. Principles of Anatomy and Physiology, 4th ed. Harper & Row Publishers: New York	