

Module Handbook

Module designation	Animal Anatomy (course code MPB 1205)
Semester(s) in which the module is taught	2
Person responsible for the module	<i>Ari Hepi Yanti, M.Sc & Diah Wulandari, M.Sc</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	Compulsory course
Teaching methods	<i>lecture and lab works</i>
Workload (incl. contact hours, self-study hours)	<p><i>(Estimated) Total workload: 170 minutes x 3 unit x 16 = 8,160 minutes (136 hours)</i></p> <p><i>Contact hours (please specify whether lecture, exercise, laboratory session, etc.):</i></p> <p><i>lecture: Monday, 09:30 - 10:50 AM (Class A) and Wednesday, 09:30 - 10:50 AM (Class B)</i></p> <p><i>laboratory session: Monday, 01:00 – 04:00 PM (Class B) and Wednesday, 01:00 – 04:00 PM (Class A)</i></p> <p><i>Private study including examination preparation, specified in hours¹: 180 minutes x 16 session = 2,880 minutes (48 hours)</i></p>
Credit points	<i>3 unit</i>
Required and recommended prerequisites for joining the module	<i>General Biology (MPB 1100)</i>

¹ When calculating contact time, each contact hour is counted as a full hour because the organisation of the schedule, moving from room to room, and individual questions to lecturers after the class, all mean that about 60 minutes should be counted.

Module objectives/intended learning outcomes	<p>Knowledge:</p> <p><i>Mastering and being able to apply biological science and other scientific fields that support the development of biological science</i></p> <p>General skill:</p> <p><i>Able to work in teams and communicate actively orally and in writing in the field of biological sciences</i></p> <p>Specific skills:</p> <p><i>Mastering biological instruments and methodologies and being able to apply them in the management of tropical wetland resources.</i></p>
Content	<p><i>The subject exposes students to the basic knowledge required to understand animal anatomy principles. Students will be acquainted with the structure of Integument, Skeletal System, Muscular System, Digestive System, Respiratory System, Circulatory System, Excretory System, Genital System, Nervous System and Sense Organs, and the Endocrine System</i></p>
Examination forms	<p><i>Written test, lab report, and project report</i></p>
Study and examination requirements	<p><i>Re-registration and 75% attendance.</i></p>
Reading list	<ol style="list-style-type: none"> 1. <i>Hickman, C. P., Keen, S. L., Eisenhour, D. J., Larson, A., and l'Anson, H., 2017, Integrated Principles of Zoology, Seventeenth Edition, McGraw-Hill, New York.</i> 2. <i>Kardong, K. V., 2012, Vertebrates Comparative Anatomy, Function, Evolution, Sixth Edition, McGraw Hill, New York</i> 3. <i>Zboray, G., Kovacs, Z., Kriska, G., Molnar, K., and Plfia, Z., 2010, Atlas of Comparative Sectional Anatomy of 6 Invertebrates and 5 Vertebrates, SpringerWien, New York.</i>