

Module Handbook

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| Module designation | Histology (course code MPB 2110) |
| Semester(s) in which the module is taught | 3 |
| 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: every Tuesday, 01:00 - 02:40 PM (Class: A) and Thursday, 10:10-11:50 AM (Class: B)</i></p> <p><i>laboratory session: Thursday, 12:30 - 04:00 PM</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>Animal Anatomy (MPB 1205)</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.

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| 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 histology principles. Students will be acquainted with the microanatomical structure of epithelial tissue, connective tissue, muscular system, nervous system, circulatory system and lymphoid system, endocrine system, digestive system, respiratory system, uropoetic system, genital system, and integumentary system</i></p> |
| Examination forms | <p><i>Written test and lab 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>Bacha, W. J., Bacha, L. M. 2000. Color atlas of Veterinary Histology, Second Edition. Lippincott Williams & Wilkins. USA</i> 2. <i>Eroschenko, V.P. 2012. Atlas of Histology DiFiore. Lippincott Wolter Kluwer</i> 3. <i>Genten, F., Terwinghe, E., Danguy, A. 2009. Atlas of Fish Histology. Science Publishers. USA</i> 4. <i>Junquiera, L.C and J. Carneiro. 2007. Histologi Dasar: Teks dan Atlas. Edisi 3. Penerbit Buku Kedokteran EGC</i> 5. <i>Ross M.H. & Pawlina W. 2011. Histology A Text and Atlas. Edisi keenam. Lippincott Williams & Wilkins</i> 6. <i>Hassani M. Histological and Histochemical Examination of Mucous Cells in Esophagus and Stomach of Rattus norvegicus. Iran J War Public Health 2021; 13 (4) :289-304</i> URL: http://ijwph.ir/article-1-1092-en.html |

