

Module Handbook

Modul Name	Animal Histology (Practical Work)
Modul Level	Bachelor
Abbreviation, If applicable:	BIS 223
Sub---heading, if applicable:	-
Courses included in the module, if applicable:	-
Semester	Even
Module Coordinator	Drs. Saikhu Akhmad Husen, M.Kes
Lectures	Drs. Saikhu Akhmad Husen, M.Kes Dr. Dwi Winarni, M.Si Soegiharto, S.Si, M.Si Muhammad Hilman Fuadhil Amin, 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	1
Requirements	-
Learning goals/competencies	<p>General Competence (Skill) After attending this course, student could correlate micro anatomy structure / tissue network / organ with their functions.</p> <p>Specific Competence</p> <ol style="list-style-type: none"> 1. Mentioning the difference of 4 basic tissue structures 2. Distinguishing several types of epithelial tissue according to their structures and functions. 3. Distinguishing loose connective tissue and dense connective tissue 4. Distinguishing bone tissue from several cartilage tissues according to their unique structures and functions. 5. Distinguishing several mammal's and other vertebrates' blood cells 6. Distinguishing several types of fatty tissue according to their unique structures and functions. 7. Distinguishing several types of muscle tissue in several cutting views according to their unique structures. 8. Distinguishing the difference of cerebrum, cerebellum, spinal cord, ganglion, and nerve fibers according to their unique structures. 9. Connecting the unique structures of respirational system's organs with their functions. 10. Connecting the unique structures of transportation system's organ (blood and lymphoid) with their functions. 11. Connecting the unique structure of digestive tissue's organs (mouth, esophagus, gaster, intestine, rectum, and anus) with their functions. 12. Distinguish the unique structure of several digestive glands (saliva gland, gastric gland, intestine gland, hepatic gland, and pancreatic gland). 13. Identifying the unique structure of female's reproduction system and glands and also other vertebrates'

	<p>14. Identifying the unique structure of male's reproduction system and glands and also other invertebrates'</p> <p>15. Connecting the unique structures of urinary system (kidney, ureter, urethra, and vesical urinary) with their functions.</p>
Content	Epithelial tissue, Connective tissue (actual tissue, bone, cartilage, blood, muscle tissue, neuron tissue, tissue in respiratory system, tissue in transportation system, tissue in digestive system, tissue in female reproduction system, tissue in male reproduction system, and tissue in excretory system).
Soft skill Attribute	Discipline and Cooperation
Study/ exam achievements	<p>Students are considered to be competent and pass if at least get 40% of maximum. Final score (NA) is calculated as follow: 20% (structural assignment + soft skill) + 40% mid exam + 40% final exam</p> <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	Laboratory equipment
Learning Method	Practical Work
Literature	<p>a. Junquiera, L.C. dan Carneiro, J. 1980. <i>Basic Histology</i>. Lange Medical Publication. Draver. Los Altos.</p> <p>b. Subowo. 1992. <i>Histologi Umum</i>. Binarupa Aksara. Jakarta</p>
Note	Requirement for micro technique (Practical Work) and vertebrate embryology (Practical Work)