

Modul designation	Biomedic 2 (Tissue and organ)
Semester in which the module is taught	1st Semester of Academic/Bachelor Stage
Person responsible for the module	<ol style="list-style-type: none"> 1. Dr. Arief Budi Yulianti, Dra., MSi 2. Meta Maulida, drg., M.Kes 3. Dr. Wida Purbaningsih, dr., MKes. 4. Annisa Rahmah Furqaani, S.Si., M.Biomed. 5. Yuniarti, drg., MKes.
Language	Bilingual (Indonesia & English)
Relation to curriculum	Compulsory
Teaching methods	<ul style="list-style-type: none"> - Lecture - Tutorial - Laboratory activity
Workload	<p>Total workload : 3 weeks</p> <p>Contact hours : Lecture 2 hours/week Tutorial 3 hours/meeting (3 meeting/week) Laboratory activity 3 hours/meeting</p>
Credit points	4 ECTS (3 SKS)
Required & recommended prerequisites for joining the module	-
Module Objective	<p>At the end of course, students will be able to:</p> <ol style="list-style-type: none"> 1. Describe the process of human development (C-4) 2. Explain the general concept of pregnancy (C-2) 3. Explain the general concept of sperm analysis (C-2) 4. Explain basic network concepts (C-2) 5. Explain the basic concepts of epithelial tissue and exocrine glands (C-4) 6. Explain the basic concepts of connective tissue and ECM (C-4) 7. Explain the basic concepts of connective tissue specialised properties (C-4) 8. Explain the basic concepts of muscle tissue (C-2) 9. Explain the basic concepts of neural networks (C-2) 10. Explain anatomical terminology. (C-4) 11. Demonstrate skeleton classification. (C-3) 12. Describe the anatomy of the nervous system. (C-4) 13. Describe the physiology of the nervous system. (C-4) 14. Mention verses or hadith regarding the concepts of cells, tissues, and organs. (C-1)

Content	The study material/material presented in Biomedical 2 includes mastery of the theoretical concepts of tissues and organs, which includes a discussion from cell stages to organisation in tissues and organs.
Examination forms	Multidisciplinary Examination (MDE), SOOCA, Lab exam
Study and examination requirements	System Pass Criteria : Minimum MDE, SOOCA and Lab exam score 55.5 (C)
Reading list	<ol style="list-style-type: none"> 1. Dudek RW. Embryology. 5th Edition. Philadelphia: Lippincot William and Wilkins. 2. Moore KL and Persaud TVN. The Developing Human: Clinically Oriented Embryology. 8th Edition. Philadelphia: Elsevier Saunders 3. Sadler TW. Langman's Medical Embryology. 12th Edition. Philadelphia: Lippincot William and Wilkins 4. Moore K.L., Dalley A.F., Agur A.M.R. Moore Clinically Oriented Anatomy, 7th ed. 5. Snell R.S. Clinical Neuroanatomy. 7th ed. 6. Sobotta. Atlas anatomi manusia 7. Mecher AL. Junqueira's Basic Histology Text and Atlas, 13th Ed. New York McGraw-Hill 8. Guyton AC, Hall JE. Textbook of Medical Physiology, 11 th edition, Elsevier 9. Tortora G.J., Derrickson B., Principles of Anatomy & Physiology. 14th