

Module Handbook

Modul Name	Plant Anatomy (Practical Work)
Modul Level	Bachelor
Abbreviation, if applicable:	BIB204
Sub-heading, if applicable:	-
Courses included in the module, if applicable:	-
Semester	Odd (3 rd semester)
Module Coordinator(s)	Dr. Junairiah, M.Kes.
Lecturer(s)	Prof. Hery Purnobasuki, M.Si., Ph.D. Dr. Hamidah, M.Kes Dr. Junairiah, M.Kes Dwi Kusuma Wahyuni, 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
Requirement	-
Learning goals/competencies	<p>General competence (skill): Students are able to describe and to draw the structure of plants based on anatomical structure, and to compare the diverse of plant structure based on anatomical structure correctly.</p> <p>Specific competence:</p> <ol style="list-style-type: none"> 1. ability to describe and to draw plants structure base on anatomical structure 2. ability to describe and to draw the form of cell and the inclusion cell 3. ability to describe and to draw the type of modification of leave epidermis 4. ability to describe and to draw the type pith 5. ability to describe and to draw the type of vascular bundle and Steel
Content	Structure and parts of cells, stem anatomical structure dikotil, monocot stem, stem gymnospermeae, dikotil root anatomical structure, monocot root, root gymnospermeae, dikotil leaf anatomical structure, monocot leaf, leaf gymnospermeae.
Soft skill Attribute	Dicipline, working together, good comunication and leadership
Study/ exam achievements	Students are considered to be competent and pass if at least get 40 of maximum mark of the final score. Working report (35%), pretest (15%), final exam (40%), and soffskill (10%) Final index is defined as follow: A : 75-100 AB : 70-74,99 B : 65-69,99 BC : 60-64,99 C : 55-59,99 D : 40-54.99 E : 0-39.99

Forms of Media	Laboratory Equipment
Learning Methods	Practical Work
Literature	<ul style="list-style-type: none"> a. Estiti B.H., 1995, Anatomi Tumbuhan Berbiji, ITB Press., Bandung. b. Pandey S.N., Pandey S.N., Chadha A., 1993, A Text Book of Botany. Plant Anatomy and Economic Botany, Vikas publishing house Pvt. Ltd., New Delhi.
Note	Requirement of Plant Taxonomy, Plant Embryology, Plant Physiology and Biosystematics