

Module Handbook

Modul Name	Plant Anatomy
Modul Level	Bachelor
Abbreviation, if applicable	BIB201
Sub-heading, if applicable	-
Courses included in the module, if applicable:	-
Semester	Odd (3 rd semester)
Module Coordinator(s)	Prof. Hery Purnobasuki, M.Si., Ph.D
Lecturer(s)	Prof. Hery Purnobasuki, M.Si., Ph.D Dr. Edy Setiti Wida Utami., M.S
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	2
Requirements	General Biology and Plant Morphology
Learning goals/competencies	<p>General competence (knowledge): Students are able to describe the structure of plant anatomy and compare the anatomical structure of the plant correctly.</p> <p>Specific competence:</p> <ol style="list-style-type: none"> 1. ability to explain the structure of plant anatomy 2. ability to explain the cell inclusion, cell structure, tissue of stem, leaves, roots, flower, fruits and seed 3. ability to explain the type of vascular tissue and Steel
Content	Review the anatomy of plants in general, the general structure of plants, plant cells, plant tissues: root, stem, leaf, flower, fruit, and seeds, types of vascular tissue, bark, cambium, phloem, and periderm.
Soft skill Attribute	Dicipline, active, and good communication
Study/ exam achievements	<p>Students are considered to be competent and pass if at least get 40 of maximum mark of the final score.</p> <p>Final score: paper project (15%), quis (15%), mid exam (30%), final exam (30%), and soffskill (10%)</p> <p>Final index is defined as follow:</p> <p>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</p>
Forms of Media	LCD
Learning Methods	Class and discussion

Literature	<ol 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 Embryology, Plant Taxonomy and Plant Physiology