

Module Handbook

Modul Name	Plant Morphology
Modul Level	Bachelor
Abbreviation, if applicable:	BIB101
Sub-heading, if applicable	-
Courses included in the module, if applicable	-
Semester	Even (2 nd semester)
ModuleCoordinator	Dr. Hamidah, M.Kes.
Lecturer (s)	Dr. Hamidah, M.Kes. Dr. Junairiah, M.Kes.
Language	Bahasa Indonesia
Classification Within The Curriculum	Compulsory Course / Elective Studies
Teaching format/ classhours 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
Requirement	-
Learning goals/ competencies	<p>General Competence (knowledge): Students are able describe the organs of plants based on morphological structures, plant-based biodiversity, explain of macro structure, and compare the vascular plant (tracheophyta) correctly according to the identification key</p> <p>Specific Competence:</p> <ol style="list-style-type: none"> 1. ability to explain plant organ of chormus 2. ability to explain phylotaxis 3. ability to explain the trachaephyta reproduction organ 4. ability to describe and compare of inflorescentia 5. ability to make flower diagram and formula 6. ability to explain andcompare of fruit and Seed
Content	Morphology of leaves organ, flowers, roots, stems, fruits, and seeds on vascular plant (tracheophyta), phylotaxis and flower formula and diagram.
Soft skill Attribute	Dicipline and Comunication Skill
Study/ exam achievements	<p>Students are considered to be competent and pass if at least get 40 of maximum mark of the exams (UTS dan UAS), structured activity (group discussion). Final score (NA) is calculated as follow: paper project (15%), quis (15%), mid exam (30%), final exam (30%), and softskill (10%).</p> <p>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</p>
Media	LCD and plant organ
LearningMethod	Class and discussion

Literature	<ol style="list-style-type: none">a. Simpson, M. 2011, Plant Systematic, 1st Ed, Elsevier Academic Press, New York.b. Gembong, T.S., 2003, Morfologi Tumbuhan, Gadjah Mada University Press, Yogyakarta.
Note	Requirement of Plant Anatomy, Plant Taxonomy and Biosystematic