

Module Handbook

Modul Name	Plant Morphology (Practical Work)
Modul Level	Bachelor
Abbreviation, if applicable:	BIB102
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. Dwi Kususma Wahyuni, S.Si, M.Si.
Languange	Bahasa Indonesia
ClassificationWithin The Curriculum	Compulsory Course / Elective Studies
Teaching format/ classhours per weekduring 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 the organs, to explain the diverse of plant structure morphology, to make drawings and to compare the vascular plant organs (tracheophyta) based on morphology correctly.</p> <p>Specific competence:</p> <ol style="list-style-type: none"> 1. ability to describe the organs of plant based on morphological structure 2. ability to draw the organs of plant based on morphological structure 3. ability to make diagram and formula of flower 4. ability to make diagram and scheme of stem (Philotaxis) 5. ability to compare the vascular plant organs (trakeofita) based on morphology correctly.
Content	Morphology of leaves, stems, roots, and the their modification, flowers, fruits and seeds on vascular plant (tracheophyta).
Soft skill Attribute	Dicipline, comunication skill, working together
Study/ exam achievements	Students are considered to be competent and pass if at least get 40 of maximum mark of the final score. Final score (NA) is calculated as follow: 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 and specimen
Learning Methods	Practical Work
Literature	<ul 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