


## MODULE HANDBOOK

	<b>UNIVERSITAS PADJADJARAN</b> <b>FACULTY OF MATHEMATICS AND NATURAL SCIENCES</b> <b>BACHELOR OF BIOLOGY PROGRAMME</b>	<b>COURSE CODE:</b> <b>D10D-2003</b>
<b>Module designation</b>	Plants Structure and Development 1 Practicum	
<b>Semester in which the module is taught</b>	2	
<b>Persons responsible for the module</b>	1. Dr. Budi Irawan, M.Si 2. Joko Kusmoro, MP 3. Betty Mayawatie, MSi 4. Dr. Suryana, S.Si., MP.	
<b>Medium of instruction</b>	Indonesian	
<b>Relation to curriculum</b>	Compulsory course	
<b>Teaching methods</b>	Practice	
<b>Workload</b>	Total workload : 2720 minutes = 45.33 hours  Practice : 1 x 170 minutes x 16 weeks = 2720 minutes = 45.33 hours Exercises :- Self-study :-	
<b>Credit points</b>	1.00 (1.81 ECTS)	
<b>Required and recommended prerequisites for joining the module</b>	Basic biology	
<b>Module objectives/intended learning outcomes</b>	1. Know and understand the basics of terminology of vegetative organs and generative organs of both higher and lower plants 2. Know and understand how to compile plant defenses and botanical illustrations	
<b>Contents</b>	Plant Structure and Development Practicum 1 course, studies aspects of the external structure of plants (morphology) which includes vegetative organs (roots, stems, and leaves) and generative organs (flowers, fruits, and seeds) as well as the development and modification of plants organs and vegetative and generative organs of lower plants. This course also studies the terminology of plant description and the basis for making botanical illustrations.	
<b>Examination forms</b>	Quiz, Midterm exam, Assignment, and Final exam	
<b>Study and examination requirements</b>	The minimum attendance in lectures is 80%. Final grades are evaluated based on quiz (10%), midterm exam (25%), assignment (40%), and final exam (25%)	
<b>Reading lists</b>	1. Tjitrosoepomo G. 1994. Morfologi Tumbuhan. Yogyakarta. Gadjah Mada University Press. 2. Clarke I and Lee H. 1994. Name that Flower, The Identification of Flowering Plants. Melbourne University Press 3. Harris JG and Harris MW, Plant Identification Terminology, an illustrated Glossary. Utah: Spring Lake Publishing 4. Hidayat EB. 1992. Morfologi dan Perkembangan Tumbuhan. FMIPA ITB 5. Bell AD. 1991. Plant Form, an Illustrated Guide to Flowering Plant Morphology. Oxford University Press. 6. Rosanti D. 2013. Morfologi Tumbuhan. Jakarta: Penerbit Erlangga 7. Stearn WT. 1998. Botanical Latin. Timber Press, Inc. Portland Oregon 8. Baumgardt JP. 1994. How to Identify Flowering Plant Family. Timber Press, Inc. Portland Oregon	