


## MODULE HANDBOOK

	<b>UNIVERSITAS PADJADJARAN FACULTY OF MATHEMATICS AND NATURAL SCIENCES BACHELOR OF BIOLOGY PROGRAMME</b>	<b>COURSE CODE : D10D-4004</b>
<b>Module designation</b>	Practicum of Plant Physiology	
<b>Semester in which the module is taught</b>	4	
<b>Persons responsible for the module</b>	1. Dr. Mohamad Nurzaman, M.Si 2. Dr. Tia Setiawati, M.Si 3. Drs. Ruly Budiono, MS, Ph.D 4. Rusdi, Ph.D 5. Dr. Asep Zainal Mutaqin, M.T.	
<b>Medium of instruction</b>	Indonesian	
<b>Relation to curriculum</b>	Compulsory Course	
<b>Teaching methods</b>	Practice	
<b>Workload</b>	Total workload : 2720 minute = 45.33 hour Practice : 1 x 170 minute x 16 week = 2720 minute = 45.33 hour Exercises : - Self-study : -	
<b>Credit points</b>	1.00 (1.81 ECTS)	
<b>Required and recommended prerequisites for joining the module</b>	-	
<b>Module objectives/intended learning outcomes</b>	1. Able to understand the scope of plant physiology 2. Able to explain the germination power 3. Able to explain the allelopathy 4. Able to explain the dormancy 5. Able to explain the phytohormones 6. Able to explain the growth location 7. Able to explain the plant movement 8. Able to explain the transpiration 9. Able to explain the respiration 10. Able to explain the nutrition 11. Able to explain the field capacity	
<b>Contents</b>	Plant Physiology Practicum is a compulsory course that studies the understanding and scope of plant physiology, which includes physiological processes that occur in plants. This course studies germination power, allelopathy, dormancy, phytohormones, growth location, plant movement, transpiration, respiration, nutrition, field capacity.	
<b>Examination forms</b>	Quiz, Midterm exam, Assignment, and Final exam	
<b>Study and examination requirements</b>	The minimum attendance in lectures is 100%. Final grades are evaluated based on quiz (25%), midterm exam (25%), assignment (25%), and final exam (25%)	
<b>Reading lists</b>	1. Djiwoseputro, D. 1994. Pengantar Fisiologi Tumbuhan. Cetakan ketiga belas. Jakarta: PT Gramedia Pustaka Utama 2. Lakitan, B. 2010. Dasar-dasar Fisiologi Tumbuhan. Ed I cetakan 8. Jakarta: Rajawali Pers 3. Salisbury, F. B. & C. W. Ross. 1995. Fisiologi Tumbuhan. Diterjemahkan oleh D. R. Lukman & Sumaryono. Bandung: ITB 4. Taiz, L. and Z. Eduardo. 1992. Plant Physiology. New York: The Benjamin Cumming Publishing Company. Inc.	