


MODULE HANDBOOK

	UNIVERSITAS PADJADJARAN FACULTY OF MATHEMATICS AND NATURAL SCIENCES BACHELOR OF BIOLOGY PROGRAMME	COURSE CODE: D10D-601013
Module designation	Plant Reproduction	
Semester in which the module is taught	5	
Person(s) responsible for the module	<ol style="list-style-type: none"> 1. Dr. M. Nurzaman 2. Dr. Tia Setiawati 3. Rusdi, Ph.D 	
Medium of instruction	Indonesian	
Relation to curriculum	Elective course	
Teaching methods	Lectures, discussions, cooperative learning, and inquiry learning	
Workload	<p>Total workload : 5440 minutes = 90.67 hours</p> <p>Lectures, discussions, cooperative learning, and inquiry learning : 2 x 50 minutes x 16 weeks = 1600 minutes = 26.67 hours</p> <p>Exercises : 2 x 60 minutes x 16 weeks = 1920 minutes = 32 hours</p> <p>Self-study : 2 x 60 minutes x 16 weeks = 1920 minutes = 32 hours</p>	
Credit points	2,00 (3,62 ECTS)	
Required and recommended prerequisites for joining the module	Plant Physiology Plant Structure and Development	
Module objectives/intended learning outcomes	<ol style="list-style-type: none"> 1. Students are able to explain the types of plant reproduction. 2. Students are able to analyze technology in plant reproduction 3. Students can apply the concept of plant reproduction in an effort to develop plant cultivation. 	
Contents	This course comprehensively discusses the basic principles of plant reproduction which include Asexual Propagation, Propagation by Cuttings, Propagation by Layering, Processes of Budding, Grafting and Budding, Propagation by Specialized Stems and Roots, Cellular Life Cycle, Growth in Plants, Hormones in Growth.	
Examination forms	Quiz, midterm exam, assignment, and final exam	
Study and examination requirements	The minimum attendance in lectures is 80%. Final grades are evaluated based on Quizzes (25%), Assignments (25%), midterm exam (25%), and final exam (25%).	
Reading lists	<ol style="list-style-type: none"> 1. SR. Mishra. 2005. Plant Reproduction. Discovery Publishing House. New Delhi 2. Shubhrata R. Mishra. 2009. Understanding Plant Reproduction. Discovery Publishing House. New Delhi 	