

## 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-601019</b>
<b>Module designation</b>	Botanical Economics	
<b>Semester(s) in which the module is taught</b>	6	
<b>Person(s) responsible for the module</b>	1. Dr. Budi Irawan, M.Si 2. Joko Kusmoro, Drs. MP.	
<b>Medium of instruction</b>	Indonesian	
<b>Relation to curriculum</b>	Elective course	
<b>Teaching methods</b>	Lectures, discussions, cooperative learning, and inquiry learning	
<b>Workload</b>	Total workload : 5440 minutes = 90.67 hours  Lectures, discussions, cooperative learning, and inquiry learning : 2 x 50 minutes x 16 weeks = 1600 minutes = 26.67 hours  Exercises : 2 x 60 minutes x 16 weeks = 1920 minutes = 32 hours Self-study : 2 x 60 minutes x 16 weeks = 1920 minutes = 32 hours	
<b>Credit points</b>	2,00 (3,62 ECTS)	
<b>Required and recommended prerequisites for joining the module</b>	Higher Plant Biosystematics	
<b>Module objectives/intended learning outcomes</b>	1. Know and understand the basics of Botany to improve the welfare of society 2. Know and understand how to apply Plant knowledge, to apply results to market opportunities and the development of economic botany	
<b>Contents</b>	Economic Botany course, studies aspects of plant potential (High and low level) which includes all plant organs vegetative organs (roots, stems and leaves) and generative organs (flowers, fruits and seeds) as well as the development and modification of plant organs. This course also studies spice plants, ornamental plants, industry, food, fruits, vegetables etc. including terrarium making, hydroponics, ikebana, bonsai, kokedama BIG, permaculture and other economic botany applications.	
<b>Examination forms</b>	Quiz, midterm exam, assignment, and final exam	
<b>Study and examination requirements</b>	The minimum attendance in lectures is 80%. The final grade is evaluated based on assignments (30%), quizzes (15%), midterm exam (25%), and final exam (30%).	
<b>Reading lists</b>	1. Artikel Penelitian biodiversitas hayat Indonesia, Tex book Economic Botany karangan Beryl Britnall dkk 2. Stearn WT. 1998. Botanical Latin. Timber Press, Inc. Portland Oregon 3. Baumgardt JP. 1994. How to Identify Flowering Plant Family. Timber Press, Inc. Portland Oregon	