


## MODULE HANDBOOK

	<b>UNIVERSITAS PADJADJARAN FACULTY OF MATHEMATICS AND NATURAL SCIENCES BACHELOR OF BIOLOGY PROGRAMME</b>	<b>COURSE CODE: D10D-60106</b>
<b>Module designation</b>	Entomology	
<b>Semester(s) in which the module is taught</b>	6	
<b>Person(s) responsible for the module</b>	1. Prof. Dr. Wawan Hermawan, MS 2. Drs. Hikmat Kasmara, MS 3. Dr. Melanie, S.Si., M.Si	
<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>	Animal Taxonomy	
<b>Module objectives/intended learning outcomes</b>	1. Able to master the knowledge of the scope of entomology including the role of insects in life and their interaction with humans and plants as well as their role for the balance of the ecosystem and its economic values 2. Able to explore and review literacy sources, document, store study data and be able to complete assignments in groups and independently.	
<b>Contents</b>	Dangerous and poisonous plants course, studies aspects of plant potential (higher and lower levels) which also includes all vegetative organs (roots, stems and leaves) and generative organs (flowers, fruits and seeds). This course also studies, on the types, tribal groups (Fam) of plants, as well as chemical content, including, food groups, fruits, vegetables that are poisonous including plants, narcotics, traditional tribal poisonous sharp weapons.	
<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 by pre test (5%), post test (5%), quiz (15%), assignment (20%), midterm exams (25%), and final exams (30%).	
<b>Reading lists</b>	1. Chapman, R.F.(2013), The Insects Structure and Function 5th Edition. Cambridge University Press. 2. Gillott, C. (2005), Entomology. 3th Ed. Springer. Dordrecht 3. Pedigo, L. (1999), Entomology and Pest Management, MacMillan Pub. Co. 4. Wigglesworth, V.B. (1984), Insect Physiology 8th Edition, Chapman and Hall, 109–110. 5. Daly, H.V., Doyen, J.T., Purcel, A.H., (1997). Introduction to Insect 6. Elzinga, R.J. (1997), Fundamentals of Entomology. 4th Ed. Prentice Hall, New Jersey	

