


MODULE HANDBOOK

	UNIVERSITAS PADJADJARAN FACULTY OF MATHEMATICS AND NATURAL SCIENCES BACHELOR OF BIOLOGY PROGRAMME	COURSE CODE : D10D-4009
Module designation	Aquatic Ecology Practicum	
Semester in which the module is taught	4	
Persons responsible for the module	1. Dr. Keukeu Kaniawati Rosada 2. Hikmat Kasmara, Drs, MS 3. Prof. Sunardi 4. Dr. rer. nat. Tri Dewi Kusumaningrum Pribadi	
Medium of instruction	Indonesian	
Relation to curriculum	Compulsory course	
Teaching methods	Practice	
Workload	Total workload : 2720 minute = 45.33 hour Practice Exercises : 1 x 170 minute x 16 week = 2720 minute = 45.33 hour Self-study : - : -	
Credit points	1,00 (1.81 ECTS)	
Required and recommended prerequisites for joining the module	General Ecology	
Module objectives/intended learning outcomes	1. Able to measure physical and chemical parameters of waters important for aquatic biota 2. Able to distinguish lotic and lentic aquatic ecosystems 3. Able to measure the primary productivity of an aquatic ecosystem	
Contents	The Aquatic Ecology Practicum course is a compulsory course for fourth-year students who learn how to measure physical, chemical, and biological parameters and the primary productivity of lotic and lentic ecosystems. Lentic ecosystems. After the lecture, students are expected to measure important parameters of aquatic ecosystems and see the relationship between them.	
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 quiz (20%), midterm exam (30%), assignment (20%), and final exam (30%)	
Reading lists	1. Wetzel, R.G. 2001. Limnology: Lake and River Ecosystems. Third Edition. Academic Press 2. Dash, M. C., & Dash, S. P. (2009): Fundamentals of Ecology (3rd ed.), Tata McGraw-Hill Education Private Limited, New Delhi. 3. M. Begon, R.W. Howarth & C.R. Townsend (2014): Essentials of Ecology (4th ed). 4. Sigeo, DC. 2005. Freshwater Microbiology: Biodiversity and Dynamic Interactions of Microorganisms in the Aquatic Environment. Manchester: John Wiley & Son, Ltd.	