


## MODULE HANDBOOK

	<b>UNIVERSITAS PADJADJARAN FACULTY OF MATHEMATICS AND NATURAL SCIENCES BACHELOR OF BIOLOGY PROGRAMME</b>	<b>COURSE CODE : D10D-5002</b>
<b>Module designation</b>	Biomangement	
<b>Semester in which the module is taught</b>	5	
<b>Persons responsible for the module</b>	1. Prof. Erri N. Megantara 2. Prof. Sunardi 3. Dr. Teguh Husodo	
<b>Medium of instruction</b>	Indonesian	
<b>Relation to curriculum</b>	Compulsory Course	
<b>Teaching methods</b>	Lectures, Discussions, and Problem base learning	
<b>Workload</b>	Total workload : 5440 minute = 90.67 hour Lecture, discussion, and problem base learning : 2 x 50 minute x 16 week = 1600 minute = 26.67 hour Exercises : 2 x 60 minute x 16 week = 1920 minute = 32 hour Self-study : 2 x 60 minute x 16 week = 1920 minute = 32 hour	
<b>Credit points</b>	2.00 (3.62 ECTS)	
<b>Required and recommended prerequisites for joining the module</b>	General ecology	
<b>Module objectives/intended learning outcomes</b>	1. Students can understand the urgency of biological use 2. Students can understand the meaning of environment and nature 3. Students can understand the value of the environment (ecosystem, social and cultural) and know how to respect the environment 4. Students can understand ethical/moral aspects of environmental management 5. Students can understand the concept of sustainable development 6. Students can understand the concept of renewable energy 7. Students can understand the concepts of biodiversity and deep ecology 8. Students can understand various case studies of environmental pollution 9. Students can understand various cases of biodiversity conservation	
<b>Contents</b>	This course studies the relationship between the natural environment and living things, the relationship between humans and the environment, the importance of the environment, environmental management and sustainable development, renewable energy, environmental pollution, and biodiversity conservation.	
<b>Examination forms</b>	Quiz, Midterm exam, Assignment, and Final exam	
<b>Study and examination requirements</b>	The minimum attendance in lectures is 80%. Final grades are evaluated based on quiz (20%), midterm exam (30%), assignment (20%), and final exam (30%)	
<b>Reading lists</b>	1. Abdoellah, O. 2016. Pembangunan berkelanjutan di Indonesia : di persimpangan jalan. Gramedia Pustaka Utama. Jakarta 2. Asdak, C. 2018. Kajian Lingkungan Hidup Strategis: Jalan Menuju Pembangunan Berkelanjutan: Edisi Revisi. UGM Press. Yogyakarta 3. Rinanti, A. 2017. Konsep ekologi dalam pembangunan berkelanjutan. Mobius : Yogyakarta 4. Indrawan, M. Primack, R.B., Supriatna, J. 2016. Konservasi Biologi. Penerbit Obor 5. Supriharyono. Konservasi Ekosistem Sumberdaya Hayati. Pustaka Pelajar 6. Hermawan, T.T., Rahayu. L dkk. 2019. Pengelolaan Kawasan Konservasi. UGM Press. Yogyakarta 7. Khitoliya, R.K. 2006. Environmental Pollution. S Chand & Company 8. The Sustainable Team. 2020. A Journey Through The SDGs: An E- book created for students by students.	