

	<p style="text-align: center;">UNIVERSITAS PADJADJARAN FACULTY OF MATHEMATICS AND NATURAL SCIENCES</p> <p style="text-align: center;">MASTER OF SCIENCE IN BIOLOGY</p>	<p>COURSE CODE: D20D1104</p>
Module designation	Bio-management	
Semester(s) in which the module is taught	2	
Lecturers	1. Prof.Dr.Wawan Hermawan M.S. 2. Dr. Teguh Husodo M.S. 3. Prof. Dr. Nia Rossiana M.S.	
Medium of instruction	Indonesian	
Relation to curriculum	Compulsory Master of Science in Biology	
Teaching methods	Lecture, Discussion, Cooperative Learning and Problem Based Learning	
Workload	Total workload: 5440 minutes (90,67 hours) CLASS Lecture, Discussion, Cooperative Learning and Problem Based Learning : 2 x 50'x 16 weeks = 1600 minutes (26.67 hours) Exercise : 2 x 60'x 16 weeks = 1920 minutes (32 hours) Private study : 2 x 60'x 16 weeks = 1920 minutes (32 hours)	
Credit points	2.00 SKS (3.62 ECTS)	

Required and recommended prerequisites for joining the module	-
Module objectives/intended learning outcomes	<ol style="list-style-type: none"> 1. The students will be able to develop logical, critical, systematic and creative thinking in the field of science and technology in accordance with their areas of expertise through scientific research, creation of designs or works of art and compiling scientific conceptions and the results of their studies based on scientific principles, procedures and ethics in the form of a thesis. 2. The students will be able to develop and communicate ideas, thoughts and scientific arguments responsibly and based on academic ethics, through the media to the academic community and the wider community.
Contents	Biomangement is the management of biological resources and the environment; Sustainable Development Goals, Natural resources, plants, animals, biological control management, biological control risk management, the importance of toxicity tests in waste treatment, bioremediation, biore restoration
Examination forms	Essay and written examination
Study and examination requirements	Minimum attendance at lectures is 80%. Final score is evaluated based on assignment and group case study reports (20%), Assignment (20%), mid semester exam (30%), and end semester exam (30%).
Reading lists	<ol style="list-style-type: none"> 1. Sustainable Development Goals SDGs https://www.sdg2030indonesia.org/ 2. Timothy O’Ryan 2014. Environmental Sciences for Environmental management. Taylor and Francis publishers. 3. Pedro A. Barbosa · 1998. Conservation Biological Control. Elsevier publisher