	UNIVERSITAS PADJADJARAN **FACULTY OF MATHEMATICS AND NATURAL SCIENCES** **MASTER OF SCIENCE IN BIOLOGY**	**COURSE CODE: D20D2112**
Module designation	**Environmental Management Instruments**	
Semester(s) in which themodule is taught	2	
Person(s) responsible for the module	1. Prof Dr. Eri Noviar M., 2. Teguh Husodo, MSi	
Medium of instruction	English and Indonesian	
Relation to curriculum	Compulsory Master of Science in Biology	
Teaching methods	Lecture, discussion, problem based learning, cooperative learning	
Workload	Total workload: 8160 minutes (90,67 hours) **CLASS** Lecture, discussion, problem based learning, cooperative 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	1. After completing this course, the student will able to understand Environmental Management Instruments (EMIs) in Indonesia. 2. After completing this course, the students will be able to understand the principles and concepts of environmental management based on Environmental Management Instruments (EMIs) and their implementation in Indonesia. 3. After completing this course, the students will be able to apply their knowledge of environmental management based on Environmental Management Instruments (EMIs) and their implementation in Indonesia, specifically in the context of environmental protection and management plans (RPPLH) in accordance with the Sustainable Development Goals (SDGs).
Contents	The activities in this course include lectures, question-and-answer sessions, discussions, and observations related to Environmental Management Instruments. The topics covered include curriculum and syllabus; ecological fundamentals; socio-cultural and economic systems and population; local wisdom (traditional wisdom) and environmental audits; clean production; strategic environmental assessments; air and noise pollution; environmental economics; natural phenomena; writing techniques, reporting, and Environmental Impact Assessment (AMDAL) observations; national development policies, including laws, regulations, presidential decrees, and ministerial decrees; and AMDAL exercises related to case studies in the students' environment.
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	1. C.J. Barrow. 2005. Environmental management. Routledge. London and New York. 2. Klemmensen, B., Pedersen, S., Marklund, A., Ryden, L. 2007. Environmental Policy. The Baltic University Press 3. Basharat M., Suhaib A. Bandh., Sana Shafi. 2020. Environmental Management. Spriger.