	UNIVERSITAS PADJADJARAN **FACULTY OF MATHEMATICS AND NATURAL SCIENCES** **MASTER OF SCIENCE IN BIOLOGY**	**COURSE CODE: D20D1201**
Module designation	**Integrated Ecology**	
Semester(s) in which themodule is taught	1	
Person(s) responsible for the module	1. Prof. Johan Iskandar, Ph.D./reguler 2. Prof. Dr. Erri N. Megantara/fasttrack 3. Dr. Teguh Husodo/fasttrack 4. Dr.rer.nat. Tri Dewi K. Pribadi/reguler	
Medium of instruction	English and Indonesian	
Relation to curriculum	Compulsory Master of Science in Biology	
Teaching methods	Lecture, Discussion, Cooperative Learning and Problem Based Learning	
Workload	Total workload: 8160 minutes (136 hours) **CLASS** Lecture, Discussion, Cooperative Learning and Problem Based Learning: 3 x 50'x 16 weeks = 2400 minutes (40 hours) Exercise : 3 x 60'x 16 weeks = 2880 minutes (48 hours) Private study : 3 x 60'x 16 weeks = 2880 minutes (48 hours)	
Credit points	3.00 SKS (5.43 ECTS)	

Required and recommended prerequisites for joining the module	-
odule objectives/intendedlearning outcomes	1. After completing this course, the student will able to determine the appropriate methods for employing a multidisciplinary approach to address research problems in the field of ecology. 2. After completing this course, the students will be able to develop research proposals on local, regional, or global ecological issues using an integrated multidisciplinary approach to scientific problem-solving..
Contents	The Integrated Ecology course is a mandatory specialization course for first-semester students. After studying the concepts of the interrelationships between ecology and other disciplines in the materials of ethnobiology, conservation and policy, as well as quantitative-qualitative analysis, it is expected that students will be able to create an outline proposal related to their chosen research topic using a scientific multidisciplinary approach.
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. Kristyanto, K. 2016. Dinamika Kajian Ekologi Integratif, dalam Membangun Pola Pembangunan yang Berkelanjutan. Formatif Jurnal Ilmiah Pendidikan MIPA, 6 (2).