	UNIVERSITAS PADJADJARAN **FACULTY OF MATHEMATICS AND NATURAL SCIENCES** **MASTER OF SCIENCE IN BIOLOGY**	**COURSE CODE: D20D2113**
Module designation	**Ethnobiology and Sustainable Development**	
Semester(s) in which themodule is taught	2	
Person(s) responsible for the module	1. Prof. Johan Iskandar, Ph.D 2. Dr. Budi Irawan M.Si	
Medium of instruction	English and Indonesian	
Relation to curriculum	Compulsory Master of Science in Biology	
Teaching methods	Lecture, discussion, inquiry learning, cooperative learning	
Workload	Total workload: 8160 minutes (90,67 hours) **CLASS** Lecture, discussion, inquiry learning, cooperative learning: 2 x 50'x 16 weeks = 1600 minutes (26.67 hours) Exercise (32 hours) : 2 x 60'x 16 weeks = 1920 minutes Private study (32 hours) : 2 x 60'x 16 weeks = 1920 minutes	
Credit points	2.00 SKS (3.62 ECTS)	

Required and recommended prerequisites for joining the module	-

Module objectives/intend edlearning outcomes	1. After completing this course, the student will able to explain the understanding of the physiological adaptation of plants to water stress, salinity, high temperature, soil pH, mineral deficiencies. 2. After completing this course, the student will able to explain the basic concept of homeostasis.

Contents	The Ethnobiology and Sustainable Development course is a mandatory specialization course for semester 2 students. After studying the concept of the linkage of ethnobiology with other sciences in ethnobiology, conservation and policy materials, as well as quantitative-qualitative analysis, students are expected to be able to compile an outline of a proposal related to the chosen research topic using multidisciplinary approach of ethnobiology.

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. Introduction to Ethnobiology. 2016. Rômulo Romeu Nóbrega Alves, Ulysses Paulino Albuquerque (Eds.). Springer International Publishing. 2. Ethnobiology. E. N. Anderson, D. Pearsall, E. Hunn, N. Turner. 2011. Wiley-Blackwell. 3. Biocultural Diversity ConservationA Global Sourcebook By Luisa Maffi, Ellen Woodley,2013. 4. Ethnobiology for the Future: Linking Cultural and Ecological Diversity" Gary Paul Nabhan dan Jan Salick. 5. Ethnobiology and Biocultural Diversity" oleh John R. Stepp, Felice S. Wyndham, dan Rebecca K. Zarger.