MODULE HANDBOOK

	UNIVERSITAS PADJADJARAN **FACULTY OF MATHEMATICS AND NATURAL SCIENCES BACHELOR OF BIOLOGY PROGRAMME**	**COURSE CODE** **D10D- 602010**
Module designation	Ethnobiology	
Semester(s) in which the module is taught	6	
Person(s) responsible for the module	1. Prof Johan Iskandar, M.Sc.Ph.D 2. Dr. Budi Irawan, M.Si 3. Dr Dr.rer.nat. Tri Dewi K. Pribadi, M.Si	
Medium of instruction	Indonesian	
Relation to curriculum	Elective course	
Teaching methods	Lectures, discussions, cooperative learning, project based learning, and problem based learning	
Workload	Total workload : 5440 minutes = 90.67 hours Lectures, discussions, cooperative learning, and probem based learning : 2 x 50 minutes x 16 weeks = 1600 minutes = 26.67 hours Exercises : 2 x 60 minutes x 16 weeks = 1920 minutes = 32 hours Self-study : 2 x 60 minutes x 16 weeks = 1920 minutes = 32 hours	
Credit points	2,00 (3,62 ECTS)	
Required and recommended prerequisites for joining the module	Taxonomy and Ecology	
Module objectives/intended learning outcomes	1. Knowledge and understanding of ethnobiological concepts, including ethnozoology, ethnobotany, and ethnoecology. 2. Knowledge and understanding of ethnobiological research methods and developments. 3. Able to classify strategies for solving biological resource problems by applying biological science, technology, and traditional knowledge within a sustainable ethnobiological approach. 4. Able to apply biological science within a socio-cultural context to support ethnobiological practices that provide tangible benefits to the lives of local communities. 5. Able to analyze biodiversity and the environment specifically, taking into account traditional values, cultural practices, and local knowledge.	

Contents	1. Introduction and Course Contract 2. Definition of ethnobiology, various sub-disciplines of ethnobiology, such as ethnobotany, ethnozoology, ethnoecology, and the development of ethnobiology studies 3. Ethnobiology studies, developments in ethnobotany, ethnoecology, local knowledge studies, and contributions to sustainable development 4. Methods and techniques for field data collection and data analysis 5. Methods and techniques for data collection in ethnobiology studies: qualitative and quantitative 6. Ethnobotany and Ethnopharmacology, Ethnomedicine, and Ethnoveterinary Studies 7. Ethnobotanical Research Methods 8. Emic and Etic Approaches in Ethnobotany 9. Folk Classification 10. Ethnobotanical Case Studies 11. Aquatic Ethnoecology 12. Aquatic Ethnoecology Case Studies
Examination forms	Quiz, midterm exam, assignment, and final exam
Study and examination requirements	The minimum attendance in lectures is 80%. Final grades are evaluated based on quiz (10%), midterm exam (15%), assignment (10%), final exam (15%), project and participation (50%)
Reading lists	1. Creswel JW. 2013. Research Design, Qualitatif Quantitatif and Mixed Methods Approaches. Los Angleles: Sage. 2. Cotton CM.1997. Ethnobotany: Principle and Application.New York: John Wiley and Son Ltd 3. Cunningham AB 2001: Applied Ethnobotany: People, Wild Plant Use and Conservation., Earthscan Publication Ltd., London. 4. Iskandar J. 2012. Etnobiologi dan Pembangunan Berkelanjutan. AIPI Bandung, Puslitbang KPK LPPM Unpad. Bandung. 5. Iskandar J. 2018. Etnobiologi, Etnoekologi, dan Pembangunan Berkelanjutan. Yogyakarta: Plantaxia. 6. Iskandar J dan Iskandar BS. 2011. Agroekosistem Orang Sunda. Bandung: PT Kiblat Buku Utama. 7. Fu, Y., Bussmann, R. W., Panyadee, P., Ranjitkar, S., Weckerle, C. S., Arunachalam, K. (2025). Ethnobiology and Development in Asia. Springer Cham. 8. Pochettino, M. L., Capparelli, A., Stampella, P. C., Andreoni, D. (2024). Nature(s) in Construction. Springer Cham.