



THE MODULE HANDBOOK
DOCTOR BIOLOGY STUDY PROGRAM
FACULTY OF BIOLOGY

SELECTED TOPIC FOR DISSERTATIONS

Ethnobotany

Course code	BIDB203005
Course level	Doctoral Program
Semester/ term	Odd/even
Course coordinator	Prof. Dr. Ratna Susandarini, M.Sc.
Lecture(s)	Prof. Dr. Ratna Susandarini, M.Sc. Prof. Rina Sri Kasiamdari S.Si., Ph.D Abdul Razaq Chasani, S.Si., M.Si., Ph.D..
Language	Indonesian/English
Classification within the Curriculum	Compulsory Specialization Courses
Teaching format/ class hours per week during the semester	This course is planned to have 14 teaching weeks and 2 weeks of examination.
Workload	1,125 hours/day 5 days/week 5,625 hours/week 16 Weeks/Semester total workload : 90 hours/3,6 ECTS
Credits	3.6 ECTS
Requirements	-
Program Learning Outcome	CPL 1.3. Upon completing this program, the graduates demonstrate an attitude of being able to internalize academic values, norms and ethics CPL 2.2. After attending this program, graduates demonstrate an understanding of substantial and leading theory in the field of biology/biological resources in order to support education for sustainable development CPL 3.2. After completing this program, the graduates will be able to contribute to the development and practice of the field of biology through scientific research based on scientific principles and ethics through interdisciplinary, multidisciplinary, or transdisciplinary approaches in solving problems in the field of biology CPL 3.3. After completing this program, the graduates will be able to manage and formulate valid and accountable research



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	data by upholding academic integrity and prioritizing anti-plagiarism
Course Learning Outcome	BIDB203005.1 By the end of this course, students will be able to master the philosophy of Ethnobotany and its relevance to food, architecture, medicine, social and cultural practices, ethnoecology, and plant conservation. BIDB203005.2 By the end of this course, students will be able to demonstrate understanding of the contributions of Biology, Agriculture, Pharmacy, Forestry, and History to ethnobotanical analysis. BIDB203005.3 By the end of this course, students will be able to determine appropriate methods of data collection and analysis in Ethnobotany according to research objectives. BIDB203005.4 By the end of this course, students will be able to plan and conduct ethnobotanical research through a multidisciplinary approach in accordance with scientific principles
Course Description	This course explores the cultural uses of organisms in traditional contexts, including their classification for food, construction, medicine, and social purposes. It examines the roles of experts in history, biology, ecology, genetics, biochemistry, agriculture, and forestry in ethnobotanical studies. The course also covers ethnobotanical field research methods and approaches to data analysis.
Assessments	The assessment for Selected Topic for Dissertations (Etnobotany) is based on six components, with the respective criteria and weights: 1. Participatory Activity (20%) 2. Project result/studi case result/PBL Result (30%) 3. Assignment (10%) 4. Quiz (5%) 5. Mid-term Exam (15%) 6. Final-term Exam (20%)
Study Media and Literature	Main 1. Gary J. Martin, 1995. Ethnobotany a manual method. Royal Botanic Garden, Kew, UK 2. C. M. Cotton, 1996. Ethnobotany: Principles and Applications. John Wiley and Sons, Ltd., Baffins Lane, Chichester, West Sussex, PO19 1UD, England Additional 1. Leslie Main Johnson & Eugene S. Hunn, 2010. Landscape Ethnoecology SBN: 9781845456139, Publication Date:



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2010-02-01, P G Sharma, 2012. Text Book of Ethnobotany,
ISBN-13 : 978-9381575208

2. José L. Martinez, Amner Muñoz-Acevedo, Mahendra Rai,
2019. Ethnobotany Application of Medicinal Plants

3. Ulysses Paulino de Albuquerque, Rômulo Romeu Nóbrega
Alves, 2016. Introduction to Ethnobiology. Springer Nature
