

UNIVERSITAS NEGERI YOGYAKARTA FACULTY OF MATHEMATICS AND SCIENCE DEPARTMENT OF BIOLOGY EDUCATION Colombo 1 Street Yogyakarta 55281 Phone: (0274)565411 Ext. 217, (0274)565411(Administration Office),fax (0274)548203 Website:fmipa.uny.ac.id, E-mail :humas_fmipa@uny.ac.id

Bachelor of Science in Biology

MODULE HANDBOOK

Module name:	Biotropic					
Module level, if applicable:	Undergraduate					
Code:	BI06231					
Sub-heading, if applicable:	-					
Classes, if applicable:	-					
Semester:	Even					
Module coordinator:	Dr. Ir. Suhartini, MS					
Lecturer(s):	Dr. Ir. Suhartini, MS.					
Language:	Indonesian					
Classification within the	Elective Course					
curriculum:						
Teaching format / class hours	100 minutes lectures, 120 minutes structured activities, and 120					
per week during the semester:	minutes individual studyper week					
	Total workload is 91 hours per semester which consists of 100					
Work load:	minutes lectures, 120 minutes structured activities, and 120					
	minutes individual study per week for 16 weeks.					
Credit points:	2 SKS (3 ECTS)					
Prerequisites course(s):	Ecology					
	4. Comprehensively mastering Biology (core biology) to solve					
	problems in the field of Biology (problem-solving) and to					
	underlie the concepts of related sciences					
	6. Being adaptive, creative, innovative in applying the concepts of					
Program Learning Outcomes:	Biology and other related fields					
	9. Being able to work and create jobs/being an entrepreneur in the					
	field of Biology					
	11. Possessing scientific skills to support the ability to speak in local,					
	national, and international forums					
	After taking this course, the students have ability to:					
	CO1. Mastering the scope and basic concepts of tropical biology,					
Course Outcomes	boundaries and understanding of tropical forests					
	CO2 know the characteristics and characteristics of tropical					
	forests, ecosystems and biotic communities of tropical forests,					
	the structure and function of tropical forest ecosystems in terms					
	of the flora, fauna and microbiota of tropical forests					
	CO3. The dynamics of tropical forest ecosystems, the development					
	and succession of tropical forest biotic communities					
	CO4. Perform vegetation analysis, and classification of tropical					

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microbiota. Analysis of vegetation, classification and classification							
systems of tropical forests, problems of tropical forests and their							
use, exploitation in tropical forests, management and preservation							
of tropical forests as life support.							
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СО	Assessment	Assessment	Weight				
	Object	Technique					
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C010	attitudes ,	rubrics and					
	skills	manuais					
	SKIIIS	Total	100%				
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Yayasan Obor Indonesia							
B. Oavim, I. 2005. Ekologi Hutan Tropis. Ed. Kedua. Jakarta:							
Universitas Terbuka							
C. Vickery, M.L.1984. Ecology of Tropical Plants. New York:							
John Wiley & Sons							
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PLO and CO mapping

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11
CO1				V							
CO2				V							
CO3				V							
CO4				V		V					
CO5				V							
CO6				V		V			v		
CO7				V							

CO8		V	V		V	
CO9		V	V			
CO10						V