

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:	Environmental Conservation					
Module level, if applicable:	Undergraduate					
Code:	BIM6278					
Sub-heading,if applicable:	-					
Classes,if applicable:	-					
Semester:	Odd					
Module coordinator:	Dr. Ir. Suhartini, MS					
Lecturer(s):	Dr. Ir. Suhartini, MS. & Dr. Tien Aminatun					
Language:	Bahasa Indonesia					
Classification within the curriculum:	Elective Course					
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 and Environmental Science					
Perogram Learning Outcomes:	 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 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 					
Course Outcomes	After taking this course, the students have ability to: CO1. Mastering about the principles of conservation and conservation goals CO2. Master how to conserve soil and water CO3. Master how to conserve energy CO4. Master the way to conserve biological resources at the species, population and community level CO5. Apply environmental conservation principles on a daily basis CO6. Analyze the factors that need to be considered in conservation					

	CO7. Explain various conservation policies and practices in Indonesia CO8. Elaborate the relationship between conservation and sustainable development CO9. Communicating the results of individual and group assignments Environmental Conservation studies the notion of environmental conservation, principles of conservation, conservation goals, soil							
Content:	and water conservation, energy conservation, conservation of biological resources (species, population and community level), conservation policies and practices in Indonesia, conservation and sustainable development The final mark will be weight as follow:							
	No	СО	Assessment Object	Assessment Technique	Weight			
Study/examachievements:	1	CO1 to CO11	Observed attitudes , knolwedge, and skills	Survey, test, rubrics and manuals	100%			
				Total	100%			
Forms of media:	Real objects, model, multimedia							
Reference:	 A. Arsyad, S., 1989, Konservasi Tanah dan Air, Bogor: Penerbit IPB. B. Badan Standarisasi Nasional. 2011. Konservasi Energi Sistem Tata Udara Pada Bangunan Gedung (SNI 6197:2011). Jakarta (ID): Badan Standarisasi Nasional C. Indrawan, M., Primack, R.B., dan Supriatna, J., 2007, Biologi Konservasi. Jakarta: Yayasan Obor Indonesia. D. Jatna Supriatna, 2008, Melestarikan Alam Indonesia. Jakarta: Yayasan Obor Indonesia E. Riyanto, B dan Samedi, 2004. Dinamika Kebijakan Konservasi Hayati Di Indonesia. Lembaga Pengkajian Hukum Kehutanan dan Lingkungan. Bogor. F. Undang-Undang No. 5 Tahun 1990 Tentang Konservasi Sumberdaya Alam Hayati dan Ekosistemnya. 							

PLO and CO mapping

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11
CO1				V							
CO2				V		V					
CO3				V		V					
CO4				V		V					
CO5				V		V					
CO6				V		V					
CO7				V							
CO8				V		V			V		
CO9											٧