

MODUL NATURAL RESOURCES AND ENVIRONMENTANT CONSERVATION



MASTER PROGRAM OF ENVIRONMENTAL SCIENCE
SCHOOL OF POSTGRADUATE STUDIES
DIPONEGORO UNIVERSITY

A Module Descriptions:

Module design	Natural Resources and Environment Conservation
Module level, if applicable	
Code, if applicable	P-CIL-8-205
Subtitles, if applicable	
Courses, if applicable	
Semester(s) in which the module is taught	2 nd Semester
Person responsible for the module	Dr. Fuad Muhammad, SSi, MSi
Lecturer	1. Dr. Fuad Muhammad, SSi, MSi 2. Dr. Hartuti Purnaweni, MPA 3. Dr. Jafron Wasiq Hidayat, M.Sc
Language	<i>Indonesian and English</i>
Relations to curriculum	
Type of teaching, contact hours	<i>Lecture: 180 minutes Q&A: 30 minutes Discussion: 30 minutes Presentation: 30 minutes Individual Assignment: 60 minutes</i>
Workload	<i>(Estimated) workload, divided into contact hours (lecture, exercise, laboratory session, etc.) and private study, including examination preparation, specified in hours,¹ and in total.</i>
Credit points	<i>3 credit points / 6 ECTS</i>
Requirements according to the examination regulations	<i>Minimum attendance of lectures 75%</i>
Recommended prerequisites	<i>eg existing competences in...</i>
Module objectives/intended learning outcomes	Students can understand and explain about the conservation of natural resources and the environment, mastering the basic concepts of integrated conservation with ecology, diversity plants, and animal diversity carefully, critically and systematically, able to find and analyze problems in the field of natural resource conservation and design, investigation through a scientific approach in order to obtain accurate and accountable data and analyze data to formulate solutions to problems in the field of conservation and the environment creatively, and innovatively.

Content	Natural Resources and Environment Conservation course aims to equip students with knowledge, understanding and application of natural and environmental conservation as well as equip students to enter the field to learn to identify problems and their solutions.
Study and examination requirements and forms of examination	• <i>Open book and close book</i> • <i>Multiple choice, case studies, interviews</i>
Media employed	<i>Powerpoint, youtube, website</i>
Reading list	● Dyke, F. V., and Lamb, R. L. 2020. Conservation Biology: Foundations, Concepts, Applications 3rd ed. Springer Publishing. ● Jhariya, M., et all. 2021. Natural Resources Conservation and Advances for Sustainability. United State: Elsevier Publishing. ● Kareiva, P., and Marvier, M. 2017. Conservation Science: Balancing the Needs of People and Nature Second. W. H. Freeman Publishing ● Sangeetha, J., et all. 2021. Biodiversity and Conservation Characterization and Utilization of Plants, Microbes and Natural Resources for Sustainable Development and Ecosystem Management. Apple Academic Press.