

# MODUL NATURAL RESOURCES AND ENVIRONMENT CONSERVATION



MASTER PROGRAM OF ENVIRONMENTAL SCIENCE  
SCHOOL OF POSTGRADUATED STUDIES  
DIPONEGORO UNIVERSITY

## Modul Description:

Modul Name	Conservation of Natural Resources and Environment
Modul level, if applicable	
Code, if applicable	P-CIL-8-205
Subtitles, if any	
Course, if applicable	
Semester(s) in which the Modul is taught	Semester 2
Modul responsible	Dr. Fuad Muhammad, SSi, MSi
Teaching Lecturer	1. Dr. Fuad Muhammad, SSi, MSi 2. Dr.Hartuti Purnaweni, MPA 3. Dr. JafronWasiq Hidayat, M.Sc
Language	<i>Indonesian and English</i>
Relationship with curriculum	
Type of teaching, hours of contact	<i>Lectures: 1 x 180 minutes x 16 meetings = 48 hours/week Q&amp;A: 1 x 30 minutes x 16 meetings = 8 hours/week Discussion: 1 x 30 minutes x 16 meetings = 8 hours/week Presentation: 1 x 30 minutes x 16 meetings = 8 hours/week Individual assignment: 60 minutes/day = 5 hours/week Total work for 1 semester = 150 hours = 6 ECTS</i>
Workload	<i>(Estimated) workload, divided into contact hours (lectures, exercises, laboratory sessions, etc.) and personal study, including test preparation, specified in hours,<sup>1</sup>and overall.</i>
credit points	<i>3 credits/ 6 ECTS</i>
Requirements according to the exam regulations	<i>Lecture attendance of at least 75%</i>
Recommended prerequisites	<i>For example, competence in...</i>
Modulthe desired learning objectives/outcomes	Students can understand and explain the conservation of natural resources and the environment, master the basic concepts of integrated conservation with ecological diversity, plant diversity, and animal diversity carefully, critically and systematically, be able to find and analyze problems in the field of natural resource conservation and design, investigate through a scientific approach to obtain accurate and accountable data and analyze data to formulate creative and innovative solutions to problems in the field of conservation and the environment.

Fill	<p>Conservation of Natural Resources and Environment  This course aims to equip students with knowledge, understanding and application of nature and environmental conservation and equip students to go into the field to learn to identify problems and their solutions.</p>
Study and exam requirements and forms	<ul style="list-style-type: none"> <li>• <i>Open the book and close the book</i></li> <li>• <i>Multiple choice, case studies, interviews</i></li> </ul>
Media used	<i>Powerpoint, youtube, website</i>
Read reference	<ul style="list-style-type: none"> <li>● Dyke, FV, and Lamb, RL 2020. Conservation Biology: Foundations, Concepts, Applications 3rd ed. Spinger Publishing.</li> <li>● Jhariya, M., et al. 2021. Conservation of Natural Resources and Progress for Sustainability. United States of America: Elsevier Publishing.</li> <li>● Kareiva, P., and Marvier, M. 2017. Conservation Science: Balancing Human and Natural Needs Both. WH Freeman publications</li> <li>● Sangeetha, J., et al. 2021. Characterization and Utilization of Biodiversity and Conservation of Plants, Microbes and Natural Resources for Sustainable Development and Ecosystem Management. Apple Academic Press.</li> </ul>