

# MODUL ENVIRONMENTAL IMPACT ANALYSIS



MASTER PROGRAM OF ENVIRONMENTAL SCIENCE  
SCHOOL OF POSTGRADUATE STUDIES  
DIPONEGORO UNIVERSITY

**Module Description:**

Module Name	Environmental Impact Analysis
Module level, if applicable	
Code, if applicable	P-CIL-8-202
Subtitles, if any	
Course, if applicable	
Semester(s) in which the module is taught	Semester 2
Module responsible	Dwi P. Sasongko, M.Sc.
Teaching Lecturer	1. Dwi P. Sasongko, M.Sc. 2. Prof. Sudharto P. Hadi, MES, Ph. D
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>

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<p>Modulethe desired learning objectives/outcomes</p>	<ul style="list-style-type: none"> <li>• Students are able to explain in their own words the various meanings of EIA, Andam, RKL-RPL and various terms related to EIA.</li> <li>• Students are able to explain in their own words why Andam Studies is needed and who should do Andam.</li> <li>• Students are able to explain in their own words about the use/role of Andam.</li> <li>• Able to explain the Basic Concept of Andam and the procedures for its implementation in accordance with the applicable laws and regulations</li> <li>• Able to explain changes to Environmental Permits, Amendment Mechanisms and Procedures for Changing Environmental Permits</li> <li>• Able to predict and evaluate significant impacts (physical, chemical, biological, socio-economic and socio-cultural environmental impacts).</li> <li>• Able to prepare management and monitoring environmental impact plan (RKL-RPL) resulting from certain planned activities.</li> </ul>
<p>Fill</p>	<p>The EIA course discusses the basic concepts and objectives of EIA, management of EIA and related regulations, implementation of EIA, preparation of EIA documents and related methodologies, as well as assessment of EIA document.</p>
<p>Study and exam requirements and forms</p>	<ul style="list-style-type: none"> <li>• <i>Open the book and close the book</i></li> <li>• <i>Multiple choice, case studies, interviews, practicals</i></li> </ul>
<p>Media used</p>	<p><i>Powerpoint, youtube, website</i></p>

Read reference	<ol style="list-style-type: none"><li>1. Canter, LW 1996. "Environmental Impact Assessment", 2nd Edition. McGraw-Hill, New York.</li><li>2. Soemarwotto, O. 2005. Environmental Impact Analysis. Gadjah Mada University Press, Yogyakarta.</li><li>3. Suratmo, GF 1998. Environmental Impact Analysis, 8th Edition, Gadjah Mada University Press, Yogyakarta</li><li>4. Ministry of Environment and Forestry. 2016. Sets Environmental Regulations.</li><li>5. Glasson, J, and Therivel, R. 2019. Introduction to Environmental Impact Analysis. Routledge.</li></ol>
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