

6.5.3. Environmental Management

Module designation	Environmental Management
Module level, if applicable	-
Code, if applicable	C IL 2 3 823
Subtitle, if applicable	-
Courses, if applicable	-
Semester(s) in which the module is taught	2 nd Semester
Person responsible for the module	Prof. Drs. Sudharto Prawata Hadi, MES, Ph.D.
Lecturer	1. Prof. Drs. Sudharto Prawata Hadi, MES, Ph.D. 2. Prof. Dr. Ir. Azis Nur bambang M.S.
Language	<i>Indonesian and English</i>
Relation to curriculum	Students are able to explain the general picture, different viewson environmental problems, case examples and global environmental issues isu
Type of teaching, contact hours	<ul style="list-style-type: none"> • Regular meeting with Lecturer 16 times (40 hours with total contact hour per teaching is 2.5 hours weekly for 16 weeks). This activity consists of Lecture: 80 minutes; Q&A: 20 minutes; Discussion: 30 minutes; Presentation: 20 minutes. • Independent work on reading materials and literature review (48 hours, 3 hours weekly for 16 weeks). • Preparing paper and final personal assignment (40 hours, 2.5 hours weekly for 16 weeks). • Personal work on reflecting the course's gained knowledge to the student's research topic (22 hours, 1.35 hour weekly for 16 weeks). <p>Total contact hours in 1 semester = 150 hours</p>
Workload	<ul style="list-style-type: none"> • Face-to-face lectures in class • Structured assignments (doing homework or assignments given by lecturers) • Independent work (reading books, papers, etc.)
Laboratory Work	<i>There is no required laboratory work for this course</i>
Credit points	<i>2 SKS which is equivalent to 6 ECTS</i>
Requirements according to the examination regulations	<i>Minimum attendance of lectures 75%</i>
Recommended prerequisites	-

Module objectives/intended learning outcomes	<ul style="list-style-type: none"> • Understand the functions: management, planning, organizing, coordinating & directing, implementing and controlling • Understand the techniques: management, time and resource planning, optimization of resource allocation • Understand decision-making techniques in management information systems, especially in the field of environmental science
Content	<p>Able to understand and explain environmental problems, surroundings and global issues regarding the environment, the carrying capacity of nature in relation to the environment, and the problem of environmental pollution impacts along with solutions to reduce impacts with applicable quality standards and able to explain and implement environmentally sound development) as well as AMDAL and environmental laws and regulations in force in Indonesia.</p>
Study and examination requirements and forms of examination	<ul style="list-style-type: none"> • <i>Open book and close book</i> • <i>Multiple choice, case studies, interviews</i>
Media employed	<p>Power point, YouTube, website</p>
Reading Materials	<p>Barrow, C. (2006). Environmental Management for Sustainable Development. Routledge.</p> <p>He, L., Shen, J., & Zhang, Y. (2018). Ecological Vulnerability Assessment for Ecological Conservation and Environmental Management. Journal of Environmental Management, 206, 1115-1125.</p> <p>Muller, S., Hemming, S., & Rigney, D. (2019). Indigenous Sovereignities: Relational Ontologies and Environmental Management. Geographical Research, 57(4), 399-410.</p> <p>Raymond, C. M., Fazey, I., Reed, M. S., Stringer, L. C., Robinson, G. M., & Evely, A. C. (2010). Integrating Local and Scientific Knowledge for Environmental Management. Journal of Environmental Management, 91(8), 1766-1777.</p>