

Module Handbook

Modul Name	Environmental Management
Modul Level	Bachelor
Abbreviation, if applicable:	BIL 100
Sub--heading, if applicable:	-
Courses included in the module, if applicable:	-
Semester	Odd
Module Coordinator	Sucipto Hariyanto
Lectures	Sucipto Hariyanto Trisnadi Widya Leksono
Language	Bahasa Indonesia
Classification within the curriculum:	Compulsory Course / Elective Studies
Teaching format/ class hours per week during semester	300 minutes/ week
Workload per semester	100 min lecture + 100 min structural assignment + 100 min self-assignment x 13 weeks; total 3900 min = 65 hours 65/25 = 2.6 ECTS
Credit point	2
Requirements	-
Learning goals/competencies	<p>General Competence (Knowledge) Students are able to understand the principles and concept of the environmental management base on the ecosystem approach.</p> <p>Specific Competence</p> <ol style="list-style-type: none"> 1. Understanding the general explanation of environmental management and its scope 2. Understanding the procedure of AMDAL 3. Understanding the basic principle of AMDAL management 4. Understanding the procedure and methods of drafting KA and ANDAL 5. Understanding the method of collecting environmental component and analysis of environmental impact 6. Understanding the management and monitoring planning of the environment 7. Understanding the procedure of auditing 8. Understanding the clean production, eco-labeling, and ISO 14000 9. Understanding the management of air and water pollution 10. Understanding the management of trashes and B3 waste 11. Understanding the global climate changing and the management of disaster 12. Understanding the basic law of environmental management.
Content	Principles and concept pertaining to life environment. Environmental management: Environmental Impact analysis and evaluation, screening and scope of environment, environmental law. Description of environmental auditing: activity, impact prediction and evaluation. RKL/RPL, and EMS, clean product and ecolabel, SOP for life environmental (SOP-LH).
Soft skill Attribute	Discipline, and argumentation

Study/ exam achievements	<p>Students are considered to be competent and pass if at least get 40% of maximum. Final score (NA) is calculated as follow: Paper project (20%), mid exam (30%), final exam (40%), Soft skill (10%)</p> <p>Final index is defined as follow:</p> <p>A : 75 - 100 AB : 70 - 74.99 B : 65 - 69.99 BC : 60 - 64.99 C : 55 - 59.99 D : 40 - 54.99 E : 0 - 39.99</p>
Form of media	LCD, computer
Learning Method	Class and discussion
Literature	<ol style="list-style-type: none"> a. Anonim, 1999. <i>Peraturan, Sanksi Lingkungan Hidup di Indonesia</i>. Eko Jaya. b. Chanlett, E.T. 1979. <i>Environmental Protection</i>. McGraw Hill. c. Soemarwoto, O. 1994. <i>Ekologi, Lingkungan Hidup, dan Pembangunan</i>. Djambatan. d. Soemarwoto, O. 2001. <i>Analisis Mengenai Dampak Lingkungan</i>. UGM Press. e. Soeratmo, F.G. 2000. <i>Analisis Mengenai Dampak Lingkungan</i>. UGM Press.
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