MODULE HANDBOOK

Course	**Environmental Science**
Module Level:	Undergraduate
Code:	BIL101
Sub-heading, applicable:	-
Courses Included if the module, applicable:	-
Semester/Term:	2nd / First Year
Module coordinator:	Prof. Dr. Agoes Soegianto, DEA
Lecturer(s):	Prof. Dr. Agoes Soegianto, DEA ; Drs. Noer Moehammadi, M.Kes and Drs. Trisnadi W.C. P., M.Si
Language:	Bahasa Indonesia
Classification within the Curriculum	Compulsory Course / ~~Elective course~~
Teaching format / class hours per week during semester:	2 hours of lecturers (50 min per hours)
Workload:	2 hours of lectures, 2 hoursof structured activity , 2 hoursof individual activity, 13 weeks per semester, total of 78 hours per semester ~ 2.6 ECTS *
Credit Points:	2
Requirement(s):	-
Learning Goals/Competencies	**General Competence (Knowledge):** 1. Students are able to explain the relationship between population growth, limited natural resources and environmental problems correctly. 2. Students are able to utilize the concepts and information from natural sciences (ecology, chemistry, geology, etc.) And social sciences (economics, legal, social, etc.) to explain how humans affect the environment and solve environmental problems being faced by human right **Specific Competence:** 1. Being able to elaborate on the concept of ecology 2. Being able to describe concepts of environmental science
Contents:	Definition of ecology, environment and environmental sciences, the relationship between population growth, natural resources and environment, the concept of ecology, population, natural resources renewable, natural resources can not be updated, water pollution, air pollution, global climate change, the depletion layer ozone, solid waste, hazardous waste and safeguarding biodiversity.
Soft Skill Attribute:	Discipline and effort
Study/Exam Achievements:	Students are considered to be competent and passed if at least get 55 Final Score is calculed as follow: 35% midterm test, 35% Final examination, 20% assignment , 10%*Softskill*

	Final grade is defined as follows: 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
Learning Methods	Ethic,group
Forms of Media:	LCD, laptop, White board
Literature(s):	1. Holdgate, M.W. 1980. *A Perspective of Environmental Pollution*. Cambridge University Press, Cambridge. 2. Kumar, H. D. 1997. *General Ecology*. Vikas Publishing House PVT Ltd. New Delhi. 3. Soegianto A, 2005 . Ilmu Lingkungan . Airlangga University Press . Surabaya
Notes:	*Total ECTS = {(total hours workload x 50 min) / 60 min } / 25 hours Each ECTS is equals with 25 hours