MODULE HANDBOOK

Modul Name	Conservation of Natural Resources and Environment
Module Level	Bachelor
Abbreviation, if applicable	3074212021
Sub-heading, if applicable	-
Course included in the module, if applicable	-
Semester/term	2nd/ First Year
Modul coordinator(s)	Dr. Mitarlis, S.Pd., M.Si.
Lecturer(s)	Prof. Dr. Titik Taufikurohmah, M.Si. Dr. Mitarlis, S.Pd., M.Si. Dr. Yuliani, M.Si. Reni Ambarwati, S.Si., M.Sc. Guntur Trimulyono, S.Si., M.Sc.
Language	Indonesian
Classification within the curriculum	Compulsory Course
Teaching format/class hours per week during the semester	2 hours lectures (50 min / hour)
Workload	2 x 50 minutes lectures, 2 x 60 minutes structured activity, 2 x 60 minutes individual activity, 14 weeks per semester, 79,33 total hours per semester ~ 3.18 ECTS**
Credit point	2 CU x 1.59 = 3.18 ECTS
Requirement	-
Targeted learning outcomes:	CLO 1 Students have ability to apply logical, critical, systematic and innovative thinking in the context of developing or implementing science and technology that pays attention to and applies humanities values. CLO 2 Students have ability to produce correct conclusions based on the results of identification that have been made and be able to apply skills in educating, researching, and managing in the administration of chemistry education. CLO 3 Students be able to master the theoretical concepts (knowledge) about the functions and roles of chemical education laboratories, the basics of chemical laboratory development planning, and management of chemical laboratory equipment and materials procurement as well as the principles of K3

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<tr><td></td><td>(Occupational Health and Safety) and laboratory management.

CLO 4 Students have a responsible attitude by applying an understanding of laboratory organization material in carrying out lectures and daily practicum and assignments on the field in the future.</td></tr>
<tr><td>Content:</td><td>1. Scope of conservation which includes: Definition, objectives, benefits and efforts to conserve natural resources and the environment (SDAL);
2. Environmental ethics, which includes: Definition, Paradigm, and Environmental Ethical Principles;
3. Natural resources which include: Definition, types and benefits of Natural Resources;
4. Local wisdom which includes: Definition, approach, challenges and local wisdom in people's lives in the future;
5. Management and problems of natural resources and the environment which include: issues, problems and management of natural resources and the environment;
6. Level of biodiversity (community / habitat, species, genetic) and its conservation efforts
7. Conscious conservation which includes awareness of the importance of conservation of natural resources and the environment,
8. Eco campus movement and conservation campus.</td></tr>
<tr><td>Attribute Soft skill</td><td>Active communication; Discipline; Collaboration; Responsibility; and Argumentation in class and outdoor setting</td></tr>
<tr><td>Study / exam achievements:</td><td>Students are considered to complete the course and pass if they obtain at least 40% of maximum final grade. The final grade (NA) is calculated based on the following ratio:

<table>
<tr><td>Assessment Components</td><td>Percentage of contribution</td></tr>
<tr><td>Participation</td><td>20%</td></tr>
<tr><td>Assignment</td><td>30%</td></tr>
<tr><td>Mid-semester test</td><td>20%</td></tr>
<tr><td>Final semester test</td><td>30%</td></tr>
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Grade Conversion of 0-100 scale into 0-4 scale is set as below:
<table>
<tr><td>Letter</td><td>Number</td><td>Grade interval</td></tr>
<tr><td>A</td><td>4.00</td><td>$85 \leq A \leq 100$</td></tr>
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<tr><td>A-</td><td>3.75</td><td>80 ≤ A- <85</td></tr>
<tr><td>B+</td><td>3.50</td><td>75 ≤ B+ < 80</td></tr>
<tr><td>B</td><td>3.00</td><td>70 ≤ B < 75</td></tr>
<tr><td>B-</td><td>2.75</td><td>65 ≤ B- < 70</td></tr>
<tr><td>C+</td><td>2.50</td><td>60 ≤ C+ < 65</td></tr>
<tr><td>C</td><td>2.00</td><td>55 ≤ C < 60</td></tr>
<tr><td>D</td><td>1.00</td><td>40 ≤ D < 55</td></tr>
<tr><td>E</td><td>0.00</td><td>0 ≤ E < 40</td></tr>
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</td></tr>
<tr><td>Media:</td><td>Computer, LCD, White board, chemicals and equipment in laboratory for doing practicum</td></tr>
<tr><td>Learning Methods</td><td>Lecture, individuals assignment, group assignment, discussion, presentation, and laboratory activity</td></tr>
<tr><td>Literature:</td><td>

Hamzah, S. 2010. Pendidikan Lingkungan. Sekelumit Wawasan Pengantar. Bandung: PT RefikaAditama.
Indrawan, M; Primack, R.B; Supriatna, J. 2007. Biologi Konservasi. Jakarta: Yayasan Obor Indonesia.
Iskandar, Z.I. 2012. Psikologi Lingkungan. Teori dan Konsep. Bandung: PT Refika Aditama.
Keraf, A.S. 2010. Etika Lingkungan Hidup. Jakarta: Penerbit BukuKompas.
Marfai, M.A. 2013. Pengantar Etika Lingkungan dan Karifan Lokal. Yogyakarta: Gadjah Mada University Press
Cluras, D. D. and Reganold, J.P. 2010. Natural Resources Conservation Future. Washington: Washington State University.
Mitchell, B; Setiawan, B; Rahmi, D.H. Pengelolaan Sumber daya dan Lingkungan. Yogyakarta: Gadjah Mada University Press.
Suparmoko, M. 2013. Ekonomi Sumber Daya Alam dan Lingkungan. Suatu Pendekatan Teoritis. Yogyakarta: BPF

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Notes:	*1 CU in learning process = three periods consist of: (a) scheduled instruction in a classroom or laboratory (50 minutes); (b) structured activity (60 minutes); and (c) individual activity (60 minutes) according to the Regulation of Indonesia Ministry of Research, Technology, and Higher Education No. 44 Year 2015 jo. The Regulation of Indonesia Ministry of Research, Technology, and Higher Education No. 50 Year 2018.
	**1 CU = 1,59 ECTS according to Rector Decree Of Universitas Negeri Surabaya No. 598/Un38/Hk/Ak/2019