MINISTRY OF EDUCATION, CULTURE, RESEARCH, AND TECHNOLOGY
UNIVERSITAS NEGERI SURABAYA
FACULTY OF MATHEMATICS AND NATURAL SCIENCE
UNDERGRADUATE PROGRAM OF MATHEMATICS
Ketintang Campus, C8-C9 Buildings of FMIPA, Surabaya
Email: s1-mat@unesa.ac.id

Module Handbook

Module Name :	*Konservasi Sumber Daya Alam dan Lingkungan (KSDAL)* Conservation of Natural Resources and Environment
Module level :	Bachelor degree/Undergraduate Program
Course Code :	4420102068
Abbreviation, if applicable:	-
Courses included in the module, if applicable:	Not Applicable
Semester/Term	2nd/ first year
Module coordinator(s)	Prof. Dr. Fida Rachmadiarti, M.Kes
Lecturer(s):	Reni Ambarwati, S.Si., M.Si Dwi Anggorowati Rahayu, S.Si., M.Si Dr. Pramitha Yakub, M.Pd
Language:	Bahasa Indonesia (Indonesian Language)
Classification within the curriculum:	Compulsory/ ~~Elective~~
Teaching format/class hours per week during the semester:	2 contact hours of lectures (*sks* or credit unit*)
Workload :	2 x 50 minutes lectures, 2 x 60 minutes structured activity, and 2 x 60 minutes individual activity per week, 14 weeks per semester 79.33 total hours per semester ~ 3.18 ECTS**
Credit Unit:	2 credit unit (3.18 ECTS)
Requirements:	General Biology

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Learning goals/competencies:	**Competences (COM-2) : Generating ideas used for completing mathematical tasks and to communicate them either in writing or orally, in accordance with scientific principles.** • CLO-1: Solve problems in the community in an effort to apply knowledge of KSDAL • CLO-2: Create independent character and care for the environment through KSDAL courses to develop ecopreneurship • CLO-3: Demonstrate environmental care and behavior as an academic community **Social (SOC-1) : Working collaboratively and having social sensitivity (obligations as citizens and towards religion) and being able to bring change to a techno-ecopreneurship community.** CLO-4: Demonstrate religious and cultural values as well as academic ethics in carrying out professional duties.
Content	This course discusses about problems solving in the community in an effort to apply knowledge of KSDAL, and create independent character and care for the environment through KSDAL courses to develop ecopreneurship, Natural resources and the environment, issues of living natural resources at the local, national and global levels, conservation and management of living and non-living natural resources at the local, national, global level, environmental paradigm and ethics, urban natural resource management. Lecture activities are carried out in a student center with discussions, observations, project assignments, and presentations by developing ecopreneurship characteristics

Attribute Soft skill:	Active communication; Discipline; Collaboration; Responsibility; and Argumentation in class
Study/exam achievements:	The final grade (*NA*) is calculated based on the following ratio:

Assessment Components	Percentage of contribution
Participation	20%
Assignment	30%
Mid-semester test	20%
Final semester test	30%

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<table>
<tr><td></td><td>Grade conversion of 0-100 scale into 0-4 scale is set as below:
<table>
<tr><th>Letter</th><th>Number</th><th>Grade Interval</th></tr>
<tr><td>A</td><td>4,00</td><td>85 ≤ A ≤ 100</td></tr>
<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>
</table></td></tr>
<tr><td>Learning Methods :</td><td>Student-centered approach; project-based learning; lecturer and discussion; and presentations (structured activities)</td></tr>
<tr><td>Form of Media:</td><td>Power point slides; video; worksheets, and textbooks</td></tr>
<tr><td>Literature (primary references):</td><td>1. Cluras, D. D. and Reganold, J.P. 2010. Natural Resources Conservation Future. Washington: Washington State University
2. Indrawan, Mochamad., Primack, Richard B., Supriatna, Jatna. 2007. Conservation Biology. Jakarta: Indonesian Torch Foundation
3. Rachmadiarti, F., Faizah, U.,Kuntjoro,S.2017. Student Textbook of Natural Resources and Environmental Conservation. Surabaya: Unesa University Press
4. Faizah, U., Rachmadiarti, F., Prastiwi, Muji Sri., Kuntjoro, S. 2017.Textbook of Conservation of Natural Resources and the Environment based on Problem Based Learning to train Conservation Awareness. Surabaya: Airlangga University Press</td></tr>
<tr><td>Notes:</td><td>*1 credit unit or sks 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.</td></tr>
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	**1 credit unit or *sks* = 1.59 ECTS according to Rector Decree Of Universitas Negeri Surabaya No. 598/UN38/HK/AK/2019