Management System ISO 9001:2015
TÜVRheinland CERTIFIED
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Module Name:	*Konservasi Sumber Daya Alam dan Lingkungan* Conservation of Natural Resources and Environment
Module Level:	Bachelor degree/Undergraduate Programme
Course Code:	8420102078
Abbreviation, if applicable:	KSDAL
Courses included in the module, if applicable:	Not applicable
Semester/term	IV
Module coordinator(s):	Ahmad Qpsyim, S.Si.M.Pd
Lecturer(s):	Dra. Wisanti, M.S. Dr. Sunu Kuntjoro, M.Si. Ahmad Qosyim, S.Si., M.Pd
Language:	*Bahasa Indonesia* (Indonesian Language)
Classification within the curriculum:	Compulsory / ~~Elective~~
Teaching format/class hours per week during the semester:	3 contact hours of lectures (Indonesia credit semester or *sks**)
Workload:	2 x 50 minutes lectures, 3 x 60 minutes structured activity, 2 x 60 minutes individual activity, 14 weeks per semester, 119 total hours per semester ~ 3.18 ECTS**
Credit point:	2 *sks* (3.18 ECTS)
Requirements:	General Biology KMH
Learning goals/competencies:	**Course Learning Outcomes (CLOs):** After taking this course, students will be able to: 1. Have mastery of conservation principles, natural resources, and the environment 2. Mastering the concept of KSDAL application and relevant technology in the management of natural resources and the environment 3. Able to solve problems in the community in an effort to apply knowledge of KSDAL 4. Able to realize independent character, and care for the environment through KSDAL lectures to develop ecopreneurship Sub CLO 1. Propose creative ideas in solving environmental problems in general, by understanding the scope of conservation which includes: background, definition, goals, benefits and efforts to conserve natural resources and the environment (SDAL) 2. Propose creative ideas in solving environmental problems in general, by understanding efforts to conserve natural resources and the environment (SDAL)

	3. Applying the principles of environmental ethics in life, by understanding environmental ethics which include: Definition, Paradigm, and Environmental Ethical Principles. 4. Develop ideas that are effective in overcoming natural resources and environmental problems. 5. Developing systematic ideas to preserve local wisdom of the community 6. Develop ideas that are effective in accordance with the principles of natural resource management and the environment 7. Understand the principles of conservation globally and locally. 8. Take an active role in the Unesa eco campus movement 9. Take an active role in efforts to overcome the environment in the area of origin through conservation activities. 1. Mengusulkan gagasan kreatif dalam memecahkan masalah lingkungan secara umum, dg memahami Ruang lingkup konservasi yang meliputi: Latar belakang, Pengertian, tujuan, manfaat dan upaya-upaya konservasi sumber daya alam dan lingkungan (SDAL) 2. Mengusulkan gagasan kreatif dalam memecahkan masalah lingkungan secara umum, dengan memahami Upaya-upaya konservasi sumber daya alam dan lingkungan (SDAL) 3. Menerapkan prinsip-prinsip etika lingkungan dalam kehidupan, dengan memahami Etika lingkungan yang meliputi: Pengertian, Paradigma, dan Prinsip-prinsip Etika Lingkungan. 4. Mengembang-kan gagasan yang efektif untuk mengatasi permasalahan SDA dan lingkungan. 5. Mengembang-kan gagasan yang sistematis untuk melestarikan kearifan lokal masyarakat 6. Mengembang-kan gagasan yang efektif sesuai dengan prinsip pengelolaan SDA dan lingkungan 7. Memahami prinsip-prinsip konservasi secara global dan lokal. 8. Berperan aktif dalam gerakan *eco campus* Unesa 9. Berperan aktif dalam usaha mengatasi lingkungan di daerah asal melalui kegiatan konservasi.
Content:	Discusses: 1) The 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

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<tr><td></td><td>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) Awareness of conservation which includes awareness of the importance of conserving natural resources and the environment, an eco campus and a conservation campus. Lecture activities are carried out in a student center with discussions, observations, project assignments, and presentations by developing ecopreneurship characteristics.

Membahas tentang: 1) Ruang lingkup konservasi yang meliputi: Pengertian, tujuan, manfaat dan upaya-upaya konservasi sumber daya alam dan lingkungan (SDAL); 2) Etika lingkungan yang meliputi: Pengertian, Paradigma, dan Prinsip-prinsip Etika Lingkungan; 3) Sumber daya alam yang meliputi: Pengertian, jenis-jenis dan manfaat Sumber Daya Alam; 4) Kearifan lokal yang meliputi: Pengertian, pendekatan, tantangan dan kearifan lokal dalam kehidupan masyarakat di masa yang akan datang; 5) Pengelolaan dan permasalahan sumber daya alam dan lingkungan yang meliputi: isu-isu, permasalahan dan pengelolaan sumber daya alam dan lingkungan; 6) Sadar konservasi yang meliputi, kesadaran pentingnya konservasi sumber daya alam dan lingkungan, eco campus dan kampus konservasi. Kegiatan perkuliahan dilakukan secara student center dengan diskusi, observasi, tugas proyek, dan presentasi dengan mengembangkan karakteristik ecopreneurship.</td></tr>
<tr><td>Attribute Soft skill:</td><td>Discipline, collaboration, responsibility, and argumentation in the natural classroom setting</td></tr>
<tr><td>Study/exam achievements:</td><td>Students are considered to be competent and pass if at least get 40% of the maximum final grade. The final grade (NA) is calculated based on the following weight:

<table>
<tr><th>Assessment Components</th><th>Percentage Contribution</th></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>
<tr><td>Total</td><td>100%</td></tr>
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<tr><td>Learning Methods</td><td>Constructivism, student-centred approach, project-based learning, lecturing, discussion, and presentation (structured activities), and flip learning</td></tr>
<tr><td>Form of Media:</td><td>LCD, PowerPoint slides, worksheets,</td></tr>
<tr><td>Literature (primary references):</td><td>1. Cluras, D. D. and Reganold, J.P. 2010. Natural Resources Conservation Future. Washington:</td></tr>
</table>

	Washington State University. 2. Hamzah, S. 2010. *Pendidikan Lingkungan. Sekelumit Wawasan Pengantar*. Bandung: PT RefikaAditama. 3. Indrawan, M; Primack, R.B; Supriatna, J. 2007. *Biologi Konservasi*. Jakarta: Yayasan Obor Indonesia. 4. Iskandar, Z.I. 2012. *Psikologi Lingkungan. Teori dan Konsep*. Bandung: PT Refika Aditama. 5. Keraf, A.S. 2010. *Etika Lingkungan Hidup*. Jakarta: Penerbit BukuKompas. 6. Marfai, M.A. 2013. *Pengantar Etika Lingkungan dan Karifan Lokal*. Yogyakarta: Gadjah Mada University Press. 7. Mitchell, B; Setiawan, B; Rahmi, D.H. *Pengelolaan Sumber daya dan Lingkungan. Yogyakarta*: Gadjah Mada University Press. 8. Suparmoko, M. 2013. *Ekonomi Sumber Daya Alam dan Lingkungan. Suatu Pendekatan Teoritis*. Yogyakarta: BPF. 9. Van Dyke, F. 1993. *Conservation Biology*. Boston: University of Arkansas, Inc.
Notes:	***1 *sks* in learning process = three contact hours that 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 sks = 1,59 ECTS**