

## MODULE HANDBOOK

Modul Name	Conservation of Natural Resources and Environment
Module Level	Bachelor
Abbreviation, if applicable	8420402173
Sub-heading, if applicable	-
Course included in the module, if applicable	-
Semester/term	2 <sup>nd</sup> /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	Bahasa Indonesia
Classification within the curriculum	Compulsory course
Teaching format/class hours per week during the semester	2 hours lectures (50 min / hour)
Workload	1 CU for bachelor degree equals to 3 workhours per week or 170 minutes (50' face to face learning, 60' structured learning, and 60' independent learning). In one semester, courses are conducted in 14 weeks (excluding mid and end-term exam). Thus, 1 CU equals to 39.67 workhours per semester. One CU equals to 1.59 ECTS.
Credit point	2 CU = 2 x 1.59 = 3.18 ECTS
Prerequisite course(s)	-
Targeted learning outcomes:	<p>CLO1 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.</p> <p>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.</p> <p>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 (Occupational Health and Safety) and laboratory management.</p>

	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.
Content:	<ol style="list-style-type: none"> <li>1. Scope of conservation which includes: Definition, objectives, benefits and efforts to conserve natural resources and the environment (SDAL);</li> <li>2. Environmental ethics, which includes: Definition, Paradigm, and Environmental Ethical Principles;</li> <li>3. Natural resources which include: Definition, types and benefits of Natural Resources;</li> <li>4. Local wisdom which includes: Definition, approach, challenges and local wisdom in people's lives in the future;</li> <li>5. Management and problems of natural resources and the environment which include: issues, problems and management of natural resources and the environment;</li> <li>6. Level of biodiversity (community / habitat, species, genetic) and its conservation efforts</li> <li>7. Conscious conservation which includes awareness of the importance of conservation of natural resources and the environment,</li> <li>8. Eco campus movement and conservation campus.</li> </ol>
Study / exam achievements:	<p>Students are considered to be competent and pass if at least get 55</p> <p>Final score is calculated as follows: 20% participation + 30% assignment + 20% middle exam (UTS) &amp; 30% final exam (UAS)</p> <p>Table index of graduation</p> <ul style="list-style-type: none"> <li>• A = 4 (85 ≤ - ≥ 100)</li> <li>• A- = 3,75 (80 ≤ - &lt; 85)</li> <li>• B+ = 3,5 (75 ≤ - &lt; 80)</li> <li>• B = 3 (70 ≤ - &lt; 75)</li> <li>• B- = 2,75 (65 ≤ - &lt; 75)</li> <li>• C+ = 2,5 (60 ≤ - &lt; 65)</li> <li>• C = 2 (55 ≤ - &lt; 60)</li> <li>• D = 1 (40 ≤ - &lt; 55)</li> <li>• E = 0 (0 ≤ - &lt; 40)</li> </ul>
Media:	Computer, LCD, White board, chemicals and equipment in laboratory for doing practicum
Learning Methods	Individuals assignment, group assignment, discussion, presentation, and practicum
Literature:	<ol style="list-style-type: none"> <li>1. Hamzah, S. 2010. <i>Pendidikan Lingkungan. Sekelumit Wawasan Pengantar</i>. Bandung: PT RefikaAditama.</li> <li>2. Indrawan, M; Primack, R.B; Supriatna, J. 2007. <i>Biologi Konservasi</i>. Jakarta: Yayasan Obor Indonesia.</li> </ol>

	<ol style="list-style-type: none"><li>3. Iskandar, Z.I. 2012. <i>Psikologi Lingkungan. Teori dan Konsep</i>. Bandung: PT Refika Aditama.</li><li>4. Keraf, A.S. 2010. <i>Etika Lingkungan Hidup</i>. Jakarta: Penerbit BukuKompas.</li><li>5. Marfai, M.A. 2013. <i>Pengantar Etika Lingkungan dan Karifan Lokal</i>. Yogyakarta: Gadjah Mada University Press</li><li>6. Cluras, D. D. and Reganold, J.P. 2010. <i>Natural Resources Conservation Future</i>. Washington: Washington State University.</li><li>7. Mitchell, B; Setiawan, B; Rahmi, D.H. <i>Pengelolaan Sumber daya dan Lingkungan</i>. Yogyakarta: Gadjah Mada University Press.</li><li>8. Suparmoko, M. 2013. <i>Ekonomi Sumber Daya Alam dan Lingkungan. Suatu Pendekatan Teoritis</i>. Yogyakarta: BPF</li></ol>
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