

	Universitas Negeri Surabaya Faculty of Mathematics and Natural Sciences Natural Sciences Education Undergraduate Study Program						Document Code																																
SEMESTER LEARNING PLAN																																							
Courses	CODE	Course Family	Credit Weight			SEMESTER	Compilation Date																																
Natural Resources and Environmental Conservation	8420102076		T=2	P=0	ECTS=3.18	4	April 26, 2023																																
AUTHORIZATION	SP Developer		Course Cluster Coordinator			Study Program Coordinator																																	
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Learning model	Project Based Learning																																						
Program Learning Outcomes (PLO)	PLO study program which is charged to the course																																						
	Program Objectives (PO)																																						
	PLO-PO Matrix																																						
		<div style="border: 1px solid black; padding: 5px; display: inline-block;">P.O</div>																																					
	PO Matrix at the end of each learning stage (Sub-PO)																																						
	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td rowspan="2" style="width: 30px;">P.O</td> <td colspan="16">Week</td> </tr> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td> </tr> </table>						P.O	Week																1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16																							
Short Course Description	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 Principles of Environmental Ethics 3) Resources nature which includes: Definition, types and benefits of Natural Resources 4) Local wisdom which includes: Definition, approach, challenges and local wisdom in community life in the future 5) Management and problems of natural resources and the environment which includes: issues, problems and management of natural resources and the environment 6) Conservation awareness which includes awareness of the importance of conservation of natural resources and the environment, eco campus and conservation campus. Lecture activities are carried out through discussions, observations, project assignments, and presentations.																																						
References	Main :																																						

1. Cluras, D. D. and Reganold, J.P. 2010. Natural Resources Conservation Future. Washington: 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.

Supporters:

1. Suparmoko, M. 2013. Ekonomi Sumber Daya Alam dan Lingkungan. Suatu Pendekatan Teoritis. Yogyakarta: BPF.

Supporting lecturer

Dr. Dyah Astriani, S.Pd., M.Pd.
 Dr. Hasan Subekti, S.Pd., M.Pd.
 Ahmad Qosyim, S.Si., M.Pd.
 Dr. Sapti Puspitarini, S.Si., M.Si.
 Fikky Dian Roqobih, S.Pd., M.Pd.

Week-	Final abilities of each learning stage (Sub-PO)	Evaluation		Help Learning, Learning methods, Student Assignments, [Estimated time]		Learning materials [References]	Assessment Weight (%)
		Indicator	Criteria & Form	Offline (offline)	Online (online)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1							0%
2							0%
3							0%
4							0%
5							0%
6							0%
7							0%
8							0%
9							0%
10							0%
11							0%
12							0%
13							0%
14							0%
15							0%
16							0%

No	Evaluation	Percentage
		0%

Notes

1. **Learning Outcomes of Study Program Graduates (PLO - Study Program)** are the abilities possessed by each Study Program graduate which are the internalization of attitudes, mastery of knowledge and skills according to the level of their study program obtained through the learning process.
2. **The PLO imposed on courses** are several learning outcomes of study program graduates (CPL-Study Program) which are used for the formation/development of a course consisting of aspects of attitude, general skills, special skills and knowledge.
3. **Program Objectives (PO)** are abilities that are specifically described from the PLO assigned to a course, and are specific to the study material or learning materials for that course.
4. **Subject Sub-PO (Sub-PO)** is a capability that is specifically described from the PO that can be measured or observed and is the final ability that is planned at each learning stage, and is specific to the learning material of the course.
5. **Indicators for assessing** abilities in the process and student learning outcomes are specific and measurable statements that identify the abilities or performance of student learning outcomes accompanied by evidence.
6. **Assessment Criteria** are benchmarks used as a measure or measure of learning achievement in assessments based on predetermined indicators. Assessment criteria are guidelines for assessors so that assessments are consistent and unbiased. Criteria can be quantitative or qualitative.
7. **Forms of assessment:** test and non-test.
8. **Forms of learning:** Lecture, Response, Tutorial, Seminar or equivalent, Practicum, Studio Practice, Workshop Practice, Field Practice, Research, Community Service and/or other equivalent forms of learning.
9. **Learning Methods:** Small Group Discussion, Role-Play & Simulation, Discovery Learning, Self-Directed Learning, Cooperative Learning, Collaborative Learning, Contextual Learning, Project Based Learning, and other equivalent methods.
10. **Learning materials** are details or descriptions of study materials which can be presented in the form of several main points and sub-topics.
11. **The assessment weight** is the percentage of assessment of each sub-PO achievement whose size is proportional to the level of difficulty of achieving that sub-PO, and the total is 100%.
12. TM=Face to face, PT=Structured assignments, BM=Independent study.