	Universitas Negeri Surabaya Faculty of Social and Legal Sciences Geography Education Undergraduate Study Program	Document Code

SEMESTER LEARNING PLAN

Courses	CODE	Course Family	Credit Weight	SEMESTER	Compilation Date
ENVIRONMENTAL GEOGRAPHY	8720202210	Integrated Geography	T=1 P=1 ECTS=3.18	5	July 17, 2024

AUTHORIZATION	SP Developer	Course Cluster Coordinator	Study Program Coordinator
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Learning model: Case Studies

Program Learning Outcomes (PLO)

PLO study program that is charged to the course

Program Objectives (PO)

PO - 1	Synthesize environmental concepts from a geographic perspective

PLO-PO Matrix

P.O
PO-1

PO Matrix at the end of each learning stage (Sub-PO)

P.O	Week															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
PO-1																

Short Course Description: This course discusses resource concepts related to natural, human and environmental resource management policies, the influence of resource use on the environment, and determining appropriate policies in utilizing natural resources and the social environment.

References

Main :

1. . Referensi :
2. a. Castree, N, et. al. 2009, 2000. A companion to environmental geography. A John Wiley & sons, Lt., publication
3. b. Enger, E. and Smith, B. 2010. 13 th Environmental science a study of interrelationships, Mc Graw Hill.
4. c. Hester, RE and Harrison, RM. 2010. Ecosystem services. RSC publishing.
5. d. Campbell, S. and Norman, J. 1998. An introduction to environmental biophysics 2 nd. Springer.
6. e. Szabo, J., et al. 2006. Antropogenic geomorphology, a guide to man-made landforms. Springer.
7. f. Newman, E. 2006. Applied ecology and environmental management. Blackwell publishing;
8. g. Ralph, D. 2008. Assessing climate change. Springer Praxis publishing.
9. h. Skidmore, E. 2002. Environmental modelling with GIS and Remote Sensing. Taylor and Francis.
10. i. National reseacrh council. 2008. Ecological impact of climate change. The national academies press
11. j. Pepper, I., et al. 2006. Environmental & pollution science. Elsiever

Supporters:

Supporting lecturer: Prof. Dr. Ketut Prasetyo, M.S.
Dr. Muzayanah, S.T., M.T.
Nurul Makhmudiyah, S.Si., M.T.
Dr. Fahmi Fahrudin Fadirubun, 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	Students are able to understand the meaning of environmental geography and natural resources	Able to describe the definition of environmental geography and natural resources	**Criteria:** - Participation 20% - Tasks 30% **Form of Assessment** : Participatory Activities, Portfolio Assessment	Discussion and reflection 2 X 50		**Material:** - Definition of Environmental Geography - Benefits of Studying Environmental Geography **Literature:** *a. Castree, N, et. al. 2009, 2000. A companion to environmental geography. A John Wiley & sons, Lt., publication*	5%
2	Students are able to understand environmental ethics	1. Explaining Environmental Ethics Indicators 2. Explain the implementation of environmental ethics in everyday life	**Criteria:** 1.- 20% participation 2.- 30% Duty **Forms of Assessment** : Participatory Activities, Portfolio Assessment, Tests	Discussion and reflection 2 X 50		**Material:** - Environmental ethics - Implementation of environmental ethics **References:** *a. Castree, N, et. al. 2009, 2000. A companion to environmental geography. A John Wiley & sons, Lt., publication*	5%
3	Students are able to understand surface water problems	Able to describe surface water problems	**Criteria:** 1.- 20% participation 2.- 30% duty **Form of Assessment** : Participatory Activities, Portfolio Assessment	Discussion and reflection 2 X 50		**Material:** - Environmental components **Library:** *b. Enger, E. and Smith, B. 2010. 13 th Environmental science a study of interrelationships, Mc Graw Hill.*	5%
4	Students are able to understand environmental problems	1. Explain the definition of environmental problems 2. Be able to identify environmental problems around where you live 3. Be able to analyze the causes of environmental problems	**Criteria:** 1.- 20% participation 2.- 30% duty **Form of Assessment** : Participatory Activities, Practice/Performance	Discussion and reflection 2 X 50		**Material:** Environmental Problems **References:** *b. Enger, E. and Smith, B. 2010. 13 th Environmental science a study of interrelationships, Mc Graw Hill.*	5%
5	Students are able to understand environmental problems	1. Explain the definition of environmental problems 2. Be able to identify environmental problems around where you live 3. Be able to analyze the causes of environmental problems	**Criteria:** 1.- 20% participation 2.- 30% duty **Forms of Assessment** : Participatory Activities, Practical Assessment, Practical / Performance	Discussion and reflection 2 X 50		**Material:** Environmental Problems **References:** *b. Enger, E. and Smith, B. 2010. 13 th Environmental science a study of interrelationships, Mc Graw Hill.*	5%
6	Students are able to provide alternative solutions to environmental problems	Able to provide alternative solutions to environmental problems	**Criteria:** 1.- 20% participation 2.- 30% duty **Form of Assessment** : Participatory Activities	Discussion and reflection 2 X 50		**Material:** - Environmental problems - Solutions to environmental problems **References:** *b. Enger, E. and Smith, B. 2010. 13 th Environmental science a study of interrelationships, Mc Graw Hill.*	10%

7	Students are able to provide alternative solutions to environmental problems	Able to provide alternative solutions to environmental problems	**Criteria:** 1.- 20% participation 2.- 30% duty **Form of Assessment** : Participatory Activities, Portfolio Assessment	Discussion and reflection 2 X 50		**Material:** - Environmental problems - Solutions to environmental problems **References:** *b. Enger, E. and Smith, B. 2010. 13 th Environmental science a study of interrelationships, Mc Graw Hill.*	10%
8	UTS	Accuracy of analysis	**Criteria:** portfolio **Form of Assessment** : Test	offline	Sidia 2 x 50	**Material:** geography ecology **References:** *b. Enger, E. and Smith, B. 2010. 13 th Environmental science a study of interrelationships, Mc Graw Hill.*	5%
9	Students are able to understand environmental management	1. Able to explain the definition of environmental management 2. Able to explain the applicable laws and regulations in environmental management 3. Able to explain environmental management instruments	**Criteria:** 1.- 20% participation 2.- 30% duty **Form of Assessment** : Participatory Activities	discussion and reflection 2 X 50		**Material:** - Environmental management - Legislative regulations **Reference:** *d. Campbell, S. and Norman, J. 1998. An introduction to environmental biophysics 2 nd. Springer.*	4%
10	Students are able to understand environmental management	1. Able to explain the definition of environmental management 2. Able to explain the applicable laws and regulations in environmental management 3. Able to explain environmental management instruments	**Criteria:** 1.- 20% participation 2.- 30% duty **Form of Assessment** : Participatory Activities	discussion and reflection 2 X 50		**Material:** - Environmental management - Legislative regulations **Reference:** *d. Campbell, S. and Norman, J. 1998. An introduction to environmental biophysics 2 nd. Springer.*	5%
11	Students are able to understand environmental management	Able to explain the definition of environmental management 2. Able to explain the applicable laws and regulations in environmental management 3. Able to explain environmental management instruments	**Criteria:** 1.- 20% participation 2.- 30% duty **Form of Assessment** : Participatory Activities	discussion and reflection 2 X 50		**Material:** - Environmental management instruments **References:** *d. Campbell, S. and Norman, J. 1998. An introduction to environmental biophysics 2 nd. Springer.*	5%
12	Students are able to understand environmental management	Able to explain the definition of environmental management 2. Able to explain the applicable laws and regulations in environmental management 3. Able to explain environmental management instruments	**Criteria:** 1.- 20% participation 2.- 30% duty **Form of Assessment** : Participatory Activities, Portfolio Assessment	discussion and reflection 2 X 50		**Material:** - Environmental management instruments **References:** *d. Campbell, S. and Norman, J. 1998. An introduction to environmental biophysics 2 nd. Springer.*	5%
13	Students are able to understand environmental management	Able to explain the definition of environmental management 2. Able to explain the applicable laws and regulations in environmental management 3. Able to explain environmental management instruments	**Criteria:** 1.- 20% participation 2.- 30% duty **Form of Assessment** : Participatory Activities, Portfolio Assessment	discussion and reflection 2 X 50		**Material:** - Environmental management instruments **References:** *d. Campbell, S. and Norman, J. 1998. An introduction to environmental biophysics 2 nd. Springer.*	5%

14	Students are able to understand how to calculate DDL	1. Able to explain the definition of environmental management 2. Able to explain the applicable laws and regulations in environmental management 3. Able to explain environmental management instruments	**Criteria:** 1.- 20% participation 2.- 30% duty 3.- UTS 20% 4.- UAS 30% **Form of Assessment** : Participatory Activities, Portfolio Assessment	discussion and reflection 2 X 50		**Material:** - Amdal **Library:** *d. Campbell, S. and Norman, J. 1998. An introduction to environmental biophysics 2 nd. Springer.*	10%
15	Students are able to understand how to calculate DDL	1. Able to explain the definition of environmental management 2. Able to explain the applicable laws and regulations in environmental management 3. Able to explain environmental management instruments	**Criteria:** 1.- 20% participation 2.- 30% duty 3.- UTS 20% 4.- UAS 30% **Forms of Assessment** : Participatory Activities, Project Results Assessment / Product Assessment, Portfolio Assessment	discussion and reflection 2 X 50		**Material:** - Amdal **Library:** *d. Campbell, S. and Norman, J. 1998. An introduction to environmental biophysics 2 nd. Springer.*	10%
16	UAS	Accuracy of analysis	**Criteria:** Completed > 65 **Form of Assessment** : Test		SIDIA 2 x 50	**Material:** human environment **References:** *d. Campbell, S. and Norman, J. 1998. An introduction to environmental biophysics 2 nd. Springer.*	5%

Evaluation Percentage Recap: Case Study

No	Evaluation	Percentage
1.	Participatory Activities	53.17%
2.	Project Results Assessment / Product Assessment	3.33%
3.	Portfolio Assessment	25%
4.	Practical Assessment	1.67%
5.	Practice / Performance	4.17%
6.	Test	11.67%
		99.01%

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.