



Universitas Negeri Surabaya
Faculty of Social Sciences and Law
Geography Education Undergraduate Study Program

Document Code

SEMESTER LEARNING PLAN

Courses	CODE	Course Family	Credit Weight	SEMESTER	Compilation Date																																																	
Geography of Health	8720202036	Study Program Elective Courses	T=2 P=0 ECTS=3.18	8	July 18, 2024																																																	
AUTHORIZATION	SP Developer		Course Cluster Coordinator	Study Program Coordinator																																																		
	Dra. Ita Mardiani Zein, M.Kes.		Dr. Nugroho Hari Purnomo, S.P., M.Si.	Dr. Nugroho Hari Purnomo, S.P., M.Si.																																																		
Learning model	Case Studies																																																					
Program Learning Outcomes (PLO)	PLO study program that is charged to the course																																																					
	PLO-7	Able to make appropriate decisions to resolve regional problems in a spatial context based on an integrated geographic approach																																																				
	Program Objectives (PO)																																																					
	PO - 1	Synthesizing the concept of health from a geographic perspective																																																				
	PLO-PO Matrix																																																					
		<table border="1" style="margin: auto;"> <tr> <td style="padding: 5px;">P.O</td> <td style="padding: 5px;">PLO-7</td> </tr> <tr> <td style="padding: 5px;">PO-1</td> <td style="padding: 5px;"></td> </tr> </table>				P.O	PLO-7	PO-1																																														
	P.O	PLO-7																																																				
PO-1																																																						
PO Matrix at the end of each learning stage (Sub-PO)																																																						
	<table border="1" style="margin: auto;"> <tr> <td rowspan="2" style="padding: 5px;">P.O</td> <td colspan="16" style="padding: 5px;">Week</td> </tr> <tr> <td style="padding: 5px;">1</td><td style="padding: 5px;">2</td><td style="padding: 5px;">3</td><td style="padding: 5px;">4</td><td style="padding: 5px;">5</td><td style="padding: 5px;">6</td><td style="padding: 5px;">7</td><td style="padding: 5px;">8</td><td style="padding: 5px;">9</td><td style="padding: 5px;">10</td><td style="padding: 5px;">11</td><td style="padding: 5px;">12</td><td style="padding: 5px;">13</td><td style="padding: 5px;">14</td><td style="padding: 5px;">15</td><td style="padding: 5px;">16</td> </tr> <tr> <td style="padding: 5px;">PO-1</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>				P.O	Week																1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	PO-1																
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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16																																						
PO-1																																																						
Short Course Description	Conduct studies and provide an understanding of the concept and scope of Health Geography, the concept of health and illness, geographic factors that influence the spread of disease, spatial diffusion, spatial strategies for controlling disease, risks due to changes in ecosystem structure and function on public health, and overcoming them in a (pollution) management system and analysis model using a geographic approach. Learning is carried out for one semester using a problem-based learning approach, discussions, as well as individual and group assignments. Assessment is carried out through written tests, performance and reports.																																																					
References	Main :																																																					
	<ol style="list-style-type: none"> 1. Ryadi, Slamet. 1997. Epidemiologi. Surabaya : AKL-Depkes RI 2. Pyle, Gerald F. 1979. Applied Medical Geography. Washington DC : VH Winston & Son 3. Beaglehole, R, Bonita R, Kjellstrom, T,. 1993. Basic Epidemiology. Geneva : WHO 4. Slamet, Juli Soemirat. 1996. Kesehatan Lingkungan. Yogyakarta : UGM Upress 5. Purdom, P. Walton. 1980. Environmental Health. New York : Academic Press 6. Pudjirahardjo, Widodo J, dkk. 1993. Metode Penelitian dan Statistika Terapan. Surabaya : Airlangga Upress 7. Gatrell, Anthony C, Susan J. Elliott. 2009. Geographies of Health an Introduction. United Kingdom : Blackwell Publishing Ltd 																																																					
	Supporters:																																																					
Supporting lecturer	Drs. Bambang Hariyanto, M.Pd. Dra. Ita Mardiani Zain, M.Kes.																																																					
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	Able to understand the meaning of Health Geography	- Identify the study and essence of Health Geography - Explain the scope	<p>Criteria:</p> <p>1.1. Participation: carried out by observing student activities (weight 2)</p> <p>2.2. UTS: carried out with an assessment during the middle of the semester (weight 2)</p> <p>Forms of Assessment : Participatory Activities, Portfolio Assessment, Tests</p>	- Pulpit lecture - Question and answer - Discussion 2 X 50		<p>Material: concept</p> <p>References: Pyle, Gerald F. 1979. <i>Applied Medical Geography.</i> Washington DC : VH Winston & Son</p>	5%
2	Able to understand the concept of health and illness	- Explain the concept of health and illness	<p>Criteria:</p> <p>1.The assessment criteria are carried out by looking at aspects:</p> <p>2.1. Participation: carried out by observing student activities (weight 2)</p> <p>3.2. UTS: carried out with an assessment during the middle of the semester (weight 2)</p> <p>Forms of Assessment : Participatory Activities, Portfolio Assessment, Tests</p>	- Pulpit lecture - Question and answer - Discussion 2 X 50		<p>Material: healthy, sick</p> <p>References: Beaglehole, R, Bonita R, Kjellstrom, T,. 1993. <i>Basic Epidemiology.</i> Geneva : WHO</p>	5%
3	Able to understand the emergence of disease and the spread of disease	- Identifying the onset of disease - Identifying disease management strategies	<p>Criteria:</p> <p>1.The assessment criteria are carried out by looking at aspects:</p> <p>2.1. Participation: carried out by observing student activities (weight 2)</p> <p>3.2. UTS: carried out with an assessment during the middle of the semester (weight 2)</p> <p>Forms of Assessment : Participatory Activities, Portfolio Assessment, Tests</p>	- Pulpit lecture - Question and answer - Discussion 2 X 50		<p>Material: onset of illness</p> <p>References: Ryadi, Slamet. 1997. <i>Epidemiology.</i> Surabaya: AKL-MOH RI</p>	5%

4	Able to understand the development and factors that influence the onset of disease	- Identify the stages of disease development - Identify the spread of the disease - Identify the source of infection - Explain immunity - Identify the portal of entry	Criteria: 1.The assessment criteria are carried out by looking at aspects: 2.1. Participation: carried out by observing student activities (weight 2) 3.2. UTS: carried out with an assessment during the middle of the semester (weight 2) Form of Assessment : Participatory Activities, Tests	- Pulpit lecture - Question and answer - Discussion 2 X 50		Material: stages of disease development Reader: <i>Ryadi, Slamet. 1997. Epidemiology. Surabaya: AKL-MOH RI</i> Material: stages of disease development Reference: <i>Slamet, Juli Soemirat. 1996. Environmental Health. Yogyakarta : UGM Upress</i>	5%
5	Able to understand the development and factors that influence the onset of disease	- Identify the stages of disease development - Identify the spread of the disease - Identify the source of infection - Explain immunity - Identify the portal of entry	Criteria: 1.The assessment criteria are carried out by looking at aspects: 2.1. Participation: carried out by observing student activities (weight 2) 3.2. UTS: carried out with an assessment during the middle of the semester (weight 2) Form of Assessment : Participatory Activities, Tests	- Pulpit lecture - Question and answer - Discussion 2 X 50		Material: stages of disease development Reader: <i>Ryadi, Slamet. 1997. Epidemiology. Surabaya: AKL-MOH RI</i> Material: stages of disease development Reference: <i>Slamet, Juli Soemirat. 1996. Environmental Health. Yogyakarta : UGM Upress</i>	5%
6	Able to understand the dynamics of geosphere changes and their impact on disease incidence	- Explaining human reactions and responses to stimuli - Identifying environmental changes in the incidence of disease	Criteria: 1.The assessment criteria are carried out by looking at aspects: 2.1. Participation: carried out by observing student activities (weight 2) 3.2. UTS: carried out with an assessment during the middle of the semester (weight 2) Form of Assessment : Participatory Activities, Portfolio Assessment	- Pulpit lecture - Question and answer - Discussion 2 X 50		Material: response to disease Reader: <i>Slamet, Juli Soemirat. 1996. Environmental Health. Yogyakarta : UGM Upress</i> Material: response to disease References: <i>Purdom, P. Walton. 1980. Environmental Health. New York : Academic Press</i>	4%

7	Able to understand the dynamics of geosphere changes and their impact on disease incidence	- Explaining human reactions and responses to stimuli - Identifying environmental changes in the incidence of disease	<p>Criteria:</p> <ol style="list-style-type: none"> 1. The assessment criteria are carried out by looking at aspects: 2.1. Participation: carried out by observing student activities (weight 2) 3.2. UTS: carried out with an assessment during the middle of the semester (weight 2) <p>Form of Assessment : Participatory Activities</p>	- Pulpit lecture - Question and answer - Discussion 2 X 50		<p>Material: response to disease Reader: <i>Slamet, Juli Soemirat. 1996. Environmental Health. Yogyakarta : UGM Upress</i></p> <p>Material: response to disease References: <i>Purdom, P. Walton. 1980. Environmental Health. New York : Academic Press</i></p>	10%
8	UTS		<p>Form of Assessment : Test</p>	2 X 50			0%
9	Able to understand changes in ecosystem structure and function on public health and ways to overcome them	- Describe air pollution, its control and management - Describe water pollution, its control and management Describe land pollution, its control and management	<p>Criteria:</p> <ol style="list-style-type: none"> 1.1. UAS: carried out every semester to measure all indicators (weight 3) 2.2. Task: carried out on each indicator (weight 3) 3. Student Final Grade: 4. Participation Score (2) x Assignment Score (3) x UTS Score (2) x UAS Score (3) divided by 10. <p>Forms of Assessment : Participatory Activities, Portfolio Assessment, Tests</p>	- Pulpit lecture - Question and answer - Discussion 2 X 50		<p>Material: ecosystems and disease Reader: <i>Slamet, July Soemirat. 1996. Environmental Health. Yogyakarta : UGM Upress</i></p> <p>Material: ecosystems and disease References: <i>Purdom, P. Walton. 1980. Environmental Health. New York : Academic Press</i></p>	10%
10	Able to understand changes in ecosystem structure and function on public health and ways to overcome them	- Describe air pollution, its control and management - Describe water pollution, its control and management Describe land pollution, its control and management	<p>Criteria:</p> <ol style="list-style-type: none"> 1.1. UAS: carried out every semester to measure all indicators (weight 3) 2.2. Task: carried out on each indicator (weight 3) 3. Student Final Grade: 4. Participation Score (2) x Assignment Score (3) x UTS Score (2) x UAS Score (3) divided by 10. <p>Form of Assessment : Participatory Activities, Tests</p>	- Pulpit lecture - Question and answer - Discussion 2 X 50		<p>Material: ecosystems and disease Reader: <i>Slamet, July Soemirat. 1996. Environmental Health. Yogyakarta : UGM Upress</i></p> <p>Material: ecosystems and disease References: <i>Purdom, P. Walton. 1980. Environmental Health. New York : Academic Press</i></p>	10%

11	Able to understand changes in ecosystem structure and function on public health and ways to overcome them	- Describe air pollution, its control and management - Describe water pollution, its control and management Describe land pollution, its control and management	Criteria: 1.1. UAS: carried out every semester to measure all indicators (weight 3) 2.2. Task: carried out on each indicator (weight 3) 3. Student Final Grade: 4. Participation Score (2) x Assignment Score (3) x UTS Score (2) x UAS Score (3) divided by 10. Form of Assessment : Participatory Activities, Tests	- Pulpit lecture - Question and answer - Discussion 2 X 50		Material: ecosystems and disease Reader: Slamet, July Soemirat. 1996. <i>Environmental Health</i> . Yogyakarta : UGM Upress Material: ecosystems and disease References: Purdom, P. Walton. 1980. <i>Environmental Health</i> . New York : Academic Press	10%
12	Able to understand analysis models using the Health Geography approach method	- Explain the concept of analytical research - Distinguish between observational and experimental research	Criteria: 1.1. UAS: carried out every semester to measure all indicators (weight 3) 2.2. Task: carried out on each indicator (weight 3) 3. Student Final Grade: 4. Participation Score (2) x Assignment Score (3) x UTS Score (2) x UAS Score (3) divided by 10. Form of Assessment : Participatory Activities, Practice/Performance	- Pulpit lecture - Question and answer - Discussion 2 X 50	-	Material: analysis Bibliography: Pudjirahardjo, Widodo J, et al. 1993. <i>Research Methods and Applied Statistics</i> . Surabaya: Airlangga Upress	10%
13	Able to understand analysis models using the Health Geography approach method	- Explain the concept of analytical research - Distinguish between observational and experimental research	Criteria: 1.1. UAS: carried out every semester to measure all indicators (weight 3) 2.2. Task: carried out on each indicator (weight 3) 3. Student Final Grade: 4. Participation Score (2) x Assignment Score (3) x UTS Score (2) x UAS Score (3) divided by 10. Forms of Assessment : Participatory Activities, Project Results Assessment / Product Assessment, Practices / Performance	- Pulpit lecture - Question and answer - Discussion 2 X 50	-	Material: analysis Bibliography: Pudjirahardjo, Widodo J, et al. 1993. <i>Research Methods and Applied Statistics</i> . Surabaya: Airlangga Upress	10%

14	Able to understand Spatial Diffusion	- Explain the spatial spread of disease - Explain why the spread follows a certain pattern	<p>Criteria:</p> <p>1.1. UAS: carried out every semester to measure all indicators (weight 3)</p> <p>2.2. Task: carried out on each indicator (weight 3)</p> <p>3. Student Final Grade:</p> <p>4. Participation Score (2) x Assignment Score (3) x UTS Score (2) x UAS Score (3) divided by 10.</p> <p>Forms of Assessment :</p> <p>Participatory Activities, Portfolio Assessment, Practical / Performance, Tests</p>	- Pulpit lecture - Question and answer - Discussion 2 X 50		<p>Material:</p> <p>spatial analysis</p> <p>Bibliography:</p> <p>Gatrell, Anthony C, Susan J. Elliott. 2009. <i>Geographies of Health an Introduction. United Kingdom : Blackwell Publishing Ltd</i></p>	5%
15	Able to understand Spatial Diffusion	- Explain the spatial spread of disease - Explain why the spread follows a certain pattern	<p>Criteria:</p> <p>1.1. UAS: carried out every semester to measure all indicators (weight 3)</p> <p>2.2. Task: carried out on each indicator (weight 3)</p> <p>3. Student Final Grade:</p> <p>4. Participation Score (2) x Assignment Score (3) x UTS Score (2) x UAS Score (3) divided by 10.</p> <p>Forms of Assessment :</p> <p>Participatory Activities, Practice/Performance, Tests</p>	- Pulpit lecture - Question and answer - Discussion 2 X 50		<p>Material:</p> <p>spatial analysis</p> <p>Bibliography:</p> <p>Gatrell, Anthony C, Susan J. Elliott. 2009. <i>Geographies of Health an Introduction. United Kingdom : Blackwell Publishing Ltd</i></p>	5%
16	UAS			2 X 50			0%

Evaluation Percentage Recap: Case Study

No	Evaluation	Percentage
1.	Participatory Activities	46.59%
2.	Project Results Assessment / Product Assessment	3.33%
3.	Portfolio Assessment	11.59%
4.	Practice / Performance	11.25%
5.	Test	26.26%
		99.02%

Notes

- 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.
- 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.
- 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.
- 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.
- Indicators for assessing** ability in the process and student learning outcomes are specific and measurable statements that identify the ability or performance of student learning outcomes accompanied by evidence.
- 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.
- 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.