



## SEMESTER LEARNING PLAN

**DEPARTMENT: URBAN AND REGIONAL PLANNING**

**FACULTY: CIVIL, PLANNING, AND EARTH**

<b>COURSES NAME</b>	<b>ENVIRONMENTAL MANAGEMENT (KLHS AND AMDAL)</b>
<b>COURSES CODE</b>	<b>DK141408</b>
<b>SEMESTER</b>	<b>VII</b>
<b>CREDITS</b>	<b>3</b>
<b>LECTURER</b>	<b>Emu Umilia ST.MT.</b> <b>Hertiari Idajati, S.T, M.Sc</b>
<b>COURSE METHODO-LOGY</b>	<ol style="list-style-type: none"> <li>1. KLHS: Definition and Basic Concepts</li> <li>2. Identification &amp; Engagement of Community &amp; Other Stakeholders</li> <li>3. Identification and Formulation of Priority Sustainable Development Issues</li> <li>4. Identification of KRP contents containing KLHS</li> <li>5. KRP Improvement Alternatives and Recommendations for Revising KRP and Integrating KLHS Results</li> <li>6. Documentation and Public Access and Quality Assurance KLHS</li> </ol>
	<p>AMDAL</p> <ol style="list-style-type: none"> <li>1. Definition, benefits, and preparation process of AMDAL</li> <li>2. Policy on activities that require AMDAL.</li> <li>3. Community involvement process in AMDAL Preparation Process AMDAL</li> <li>4. Process and stages of Preparation of Andal and ANDAL KA</li> <li>5. Contents of RKL RPL</li> <li>6. AMDAL (EIA) assessment procedures and issuance of environmental permits</li> </ol>
<b>PROGRAM LEARNING OUTCOME (PLO)</b>	
<b>KNOWLEDGE</b>	1. Master the principles and philosophy of planning and be able to articulate inunderstanding problems in the field of urban and regional planning.
	2. Applying aspects of urban studies, regional studies, spatial science, data science & computerapplication, socio-politics, environmental management, urban design, infrastructure systems, coastal studies, management, and economics in spatial planning and urban and regional development.
<b>SPECIFIC SKILLS</b>	1. Able to understand planning issues by observing social, economic, and environmental conditionsto formulate strategic issues in the context of cities, regions, and coasts.
	2. Able to analyze the spatial characteristics of cities, regions, and coasts by understanding theinterrelationships of aspatial and spatial aspects so that information is available as a basis for developing planning models.

	3. Able to formulate models through qualitative and quantitative approaches to simulate urban, regional, and coastal spatial development scenarios.
	4. Able to formulate concepts and directions for urban, regional, and coastal development plans by the principles and theories in planning to produce innovative, sustainable spatial plans and accommodate public interest.
<b>GENERAL SKILLS</b>	1. Able to apply logical, critical, systematic, and innovative thinking to develop or implement science and technology that pays attention to and uses humanities values under their field of expertise.
	2. Able to make appropriate decisions in solving problems in their area of expertise, based on the results of analysis of information and data.
<b>ATTITUDE</b>	Contribute to improving the quality of life in society, nation, state, and the progress of civilization based on Pancasila
	Act as citizens who are proud and love their homeland, have nationalism and a sense of responsibility to the country and nation
	Appreciate the diversity of cultures, views, religions, and beliefs, as well as the opinions or original findings of others
	Work together and have social sensitivity and concern for society and the environment
	Obey the law and discipline in social and state life
	Internalizing academic values, norms, and ethics
	Demonstrate a responsible attitude towards work in their field of expertise independently
<b>COURSE LEARNING OUTCOMES (CLO)</b>	
<b>KNOWLEDGE</b>	1. Mastering the principles and philosophies of planning and being able to articulate in understanding issues in the environmental field, especially in understanding definitions and understanding the techniques in preparing KLHS and AMDAL documents
	2. Applying aspects of urban studies, regional studies, spatial science, data science & computer application, socio-political, environmental management, urban design, infrastructure systems, coastal studies, management, economics concerning environmental management
	<ol style="list-style-type: none"> <li>1. Students are able to carry out the stages of preparing KLHS</li> <li>2. Students are able to carry out the stages of analysis in KLHS</li> <li>3. Students are able to formulate priority issues of KLHS</li> <li>4. Students are able to formulate KRP containing KLHS</li> <li>5. Students are able to provide recommendations related to KLHS studies</li> </ol>
<b>SPECIFIC SKILLS</b>	<ol style="list-style-type: none"> <li>1. Students are able to understand the AMDAL preparation process</li> <li>2. Students are able to understand and apply the Policy on Environmental Protection and Management related to AMDAL</li> <li>3. Students are able to understand the process of community involvement in the AMDAL Preparation Process</li> <li>4. Students are able to apply the Process and stages of Preparation of Andal and ANDAL KA</li> <li>5. Students are able to understand and prepare RKL RPL</li> </ol>

	6. Students are able to understand the AMDAL (EIA) assessment procedures and the issuance of environmental permits
<b>GENERAL SKILLS</b>	1. Able to apply logical, critical, systematic, and innovative thinking to develop or implement science and technology that pays attention to and uses humanities values under their field of expertise
	2. Able to make appropriate decisions in the context of solving problems in their area of expertise, based on the results of analysis of information and data and able to convey them in a good presentation

**ENVIRONMENTAL MANAGEMENT (KLHS AND AMDAL) COURSE LEARNING PLAN**  
**ODD SEMESTER OF ACADEMIC YEAR 2021–2022**

Week	Module Learning Outcome	Module	Learning Methods (M1-M7)	Duration (minutes)	Modes of Delivery	Grading Policy	Assessment (%)
1	2	3	4	5	6	7	8
Week 1	Students are able to explain KLHS: Definition and Basic Concepts	SAP discussion, evaluation, and assignments. Definition, KLHS concept KLHS principles	M1, M3	320	Lecture, Discussion	Individual activeness	
Week 2	Students are able to explain the process of preparing KLHS <ul style="list-style-type: none"> <li>• Identification &amp; Involvement of Community &amp; Other Stakeholders</li> </ul>	Process of preparing KLHS <ul style="list-style-type: none"> <li>• Identification &amp; Involvement of Community &amp; Other Stakeholders</li> </ul>	M1, M3	320	Lecture, Discussion, Case study	Individual activeness	
Week 3-4	Students are able to explain the process of preparing KLHS <ul style="list-style-type: none"> <li>• Identification and Formulation of Priority Sustainable Development Issues</li> </ul>	KLHS Process Design: Understanding the context of KRP preparation and Opportunities for KLHS Integration	M1, M3	640	Lecture, Discussion, Case study Workshop	Individual activeness	15%
Week 5-6	Students are able to explain the process of preparing KLHS <ul style="list-style-type: none"> <li>• Identification and Formulation of KRP with KLHS Content</li> </ul>	Identification & Involvement of Community & Other Stakeholders	M1, M3, M7	480	Lecture, Discussion, Case study	Presentation and Individual activeness	15%

Week	Module Learning Outcome	Module	Learning Methods (M1-M7)	Duration (minutes)	Modes of Delivery	Grading Policy	Assessment (%)
1	2	3	4	5	6	7	8
Week 7	Students are able to explain Alternative PPP Improvements and Recommendations for Improvements KRP and Integration of KLHS Results; Documentation and Public Access and Quality Assurance (Quality Assurance) KLHS	<ul style="list-style-type: none"> <li>Students are able to explain Alternatives for Completing KRP and Recommendations for Repairing KRP and Integrating KLHS Results</li> <li>Students are able to explain Documentation and Public Access and Quality Assurance (Quality Assurance) of KLHS</li> </ul>	M1, M3, M7	640	Lecture, Discussion, Case study	Presentation and Individual activeness	
Week 8	Assignment Presentation Workshop	Assignment Presentation Workshop	M1, M3, M7	480	Lecture, Discussion, Case study	Presentation and individual activeness	20%
Week 9	Definition, Benefits, and Process of Amdal Preparation.	Definition, benefits, and process of AMDAL (EIA).	M1, M3	480	Lecture, Discussion, Case study	Individual activeness	
Week 10	Process and stages of AMDAL KA Preparation	Identification of Potential Impacts	M1, M3, M7	480	Lecture, Discussion, Case study	Individual activeness	

<b>Week</b>	<b>Module Learning Outcome</b>	<b>Module</b>	<b>Learning Methods (M1-M7)</b>	<b>Duration (minutes)</b>	<b>Modes of Delivery</b>	<b>Grading Policy</b>	<b>Assessment (%)</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>
		Scope of the study area and study timeframe					
Week 11	Policy on Environmental Protection and Management Related to Amdal						
Week 11	Community Involvement in the AMDAL Preparation Process	Community Involvement in the AMDAL Preparation Process					
Week 12	Process and Stages of preparing ANDAL	Process and Stages of preparing AMDAL	M1, M3, M7	480	Lecture, Discussion, Case study	Individual activeness	
		Study Methods in the preparation of AMDAL					
Week 13	Contents of Environmental Management Plan	Contents of Environmental Management Plan	M1, M3, M7	480	Lecture, Discussion, Case study	Individual activeness	

Week	Module Learning Outcome	Module	Learning Methods (M1-M7)	Duration (minutes)	Modes of Delivery	Grading Policy	Assessment (%)
1	2	3	4	5	6	7	8
Week 14	Contents of Environmental Monitoring Plan	Contents of Environmental Monitoring Plan					
Week 15	AMDAL (EIA) assessment procedures and issuance of environmental permits	AMDAL (EIA) assessment procedures and issuance of environmental permits					
Week 16	<ul style="list-style-type: none"> <li>Quiz AMDAL</li> <li>Task submission of KLHS and AMDAL</li> </ul>	Quiz AMDAL	M1, M3, M7	320	QUIZ	Presentation and Individual activeness	20%
		Task submission of KLHS and AMDAL	M1, M3, M7	320	Task submission of KLHS and AMDAL	Assignment Report	30%

References:

1. Suratmo, Gunawan (1991), Analisis Mengenai Dampak Lingkungan, UGM Press, Yogyakarta.
2. Katili (1985), Sumberdaya Alam Untuk Pembangunan Nasional, Gramedia, Jakarta.
3. Djohara, Faktor Geografi Sebagai Sumberdaya Alam, ITB, Bandung
4. Modul Pelatihan KLHS 2012
5. Hadi, Suharto P (2001), Dimensi Lingkungan Perencanaan, Gajah mada.
6. Hower (1982), Managing Renewable Natural Resources in Developing Countries, West View Press, Boulder.
7. Suparmoko (1995), Ekonomi Sumberdaya Alam dan Lingkungan, UGM Press, Yogyakarta.
8. Randal, Alan (1987), Resources Economics: an Economics Approach to Natural Resources and Environmental Policy, John Wiley, New York.
9. Rudle and Marshard (1981), Renewable Natural Resources and The Environment, Ty Cooly International Publishing.
10. Undang-Undang 32 Tahun 2009, tentang Pengelolaan dan Perlindungan Lingkungan Hidup

<b>EVALUATION</b>					
<b>NO</b>	<b>EVALUATION TYPE</b>	<b>COMPETENCY</b>	<b>WEIGHT</b>	<b>TASK FORMAT</b>	<b>DEADLINE</b>
1	Weekly task presentation/Workshop KLHS	Group	20%	PowerPoint	Week 4-Week 7
2	Big Project Presentation	Group	20%	PowerPoint	Week 8
3	Big Project KLHS	Group	20%	Report	Week 16
4	Quiz AMDAL	Individual	20%	Written Exam	Week 16
5	Weekly Presentation AMDAL	Group	20%	PowerPoint	Week 9-15