

<b>Course</b>	<b>Course Name</b>	<b>Environmental Management (KLHS, AMDAL)</b>
	<b>Course Code</b>	<b>DK141408</b>
	<b>Credit</b>	7
	<b>Semester</b>	3

<b>Study Material</b>	
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<b>KLHS</b>	<ol style="list-style-type: none"> <li>1. Understanding and Basic Concepts</li> <li>2. Identification &amp; Involvement of Community &amp; Other Stakeholders</li> <li>3. Identification and Formulation of Priority Issues for Sustainable Development Identification of PPP Content containing KLHS</li> <li>4. Alternatives for Improving PPP and Recommendations for Repairing PPPs and Integrating KLHS Results</li> <li>5. Documentation and Public Access and Quality Assurance (Quality Assurance) KLHS</li> </ol>
<b>AMDAL</b>	<ol style="list-style-type: none"> <li>1. Definition, benefits and process of preparing AMDAL</li> <li>2. Policies on Activities that require AMDAL.</li> <li>3. Community involvement process in AMDAL preparation process</li> <li>4. Process and stages of Preparation of KA Andal and ANDAL</li> <li>5. Content of RKL RPL</li> <li>6. Procedures for EIA assessment and issuance of environmental permits</li> </ol>

<b>Learning Outcomes</b>	
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<b>Knowledge</b>	<ol style="list-style-type: none"> <li>1. Mastering the theoretical concepts of urban and regional planning in aspects of urban studies, regional studies, spatial science, data science &amp; computer application, socio-political, environmental management, design of the built environment, infrastructure and transportation systems, coastal studies, management, economics. .</li> </ol>
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<b>Course Learning Outcomes</b>	
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<b>Knowledge</b>	<ol style="list-style-type: none"> <li>1. Mastering the principles and philosophy of planning and able to articulate in understanding problems in the field of regional planning</li> </ol>
	<ol style="list-style-type: none"> <li>2. Applying aspects of urban studies, regional studies, spatial science, data science &amp; computer application</li> </ol>

	socio-politics, environmental management, urban design, infrastructure systems, coastal studies, management, economics in spatial planning and regional and city development
<b>Specific Skills</b>	1. Able to understand planning issues through observing social, economic and environmental conditions so as to be able to 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 the interrelationships between aspatial and spatial aspects so that information is available as a basis for developing planning models and concepts.
	3. Able to formulate models through qualitative and quantitative approaches to simulate urban, regional and coastal spatial arrangement scenarios.
	4. Able to formulate concepts and directions for urban, regional and coastal development plans in accordance with the rules and theories in planning to produce spatial plans that are innovative, sustainable and accommodate the public interest.
<b>General Skills</b>	1. Able to apply logical, critical, systematic, and innovative thinking in the context of the development or implementation of science and technology that pays attention to and applies humanities values in accordance with 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 information and data analysis
<b>Attitude</b>	1. 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
	2. To act as citizens who are proud and love their homeland, have nationalism and a sense of responsibility to the country and nation
	3. Appreciate the diversity of cultures, views, religions, and beliefs, as well as the opinions or original findings of others
	4. Cooperate and have social sensitivity and concern for society and the environment
	5. Obey the law and discipline in social and state life

	6. Internalize academic values, norms, and ethics
	7. Demonstrate a responsible attitude towards work in their field of expertise independently
<b>Modul Learning Outcomes</b>	
<b>Knowledge</b>	1. Mastering the principles and philosophy of planning and 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-politics, environmental management, urban design, infrastructure systems, coastal studies, management, economics in relation to environmental management
<b>Specific Skills</b>	<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 KLHS priority issues</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>
	<ol style="list-style-type: none"> <li>6. Students are able to understand the AMDAL preparation process</li> <li>7. Students are able to understand and apply the Policy on Environmental Protection and Management related to Amdal</li> <li>8. Students are able to understand the process of community involvement in the AMDAL Preparation Process</li> <li>9. Students are able to apply the Process and stages of Preparation of KA Andal and ANDAL</li> <li>10. Students are able to understand and prepare RKL RPL</li> <li>11. Students are able to understand the EIA assessment procedures and the issuance of environmental permits</li> </ol>
<b>General Skills</b>	1. Able to apply logical, critical, systematic, and innovative thinking in the context of the development or implementation of science and technology

	<p>that pays attention to and applies humanities values in accordance with their field of expertise</p> <p>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</p>
<b>Main Subjects</b>	
<ol style="list-style-type: none"> <li>1. SAP discussion, evaluation, assignments. Definition, SEA concept, SEA Principles</li> <li>2. The process of preparing KLHS</li> <li>3. SEA Process Design</li> <li>4. Identification &amp; Involvement of Community and Other Stakeholders</li> <li>5. Improving PPP and Recommendations for Repairing PPP and Integrating SEA Results</li> <li>6. Documentation and Public Access and Quality Assurance</li> <li>7. Definition, benefits and process of EIA</li> <li>8. Identify Potential Impacts</li> <li>9. Community Involvement in the AMDAL Preparation Process</li> <li>10. Process and Stages of AMDAL preparation</li> <li>11. Study Methods in the preparation of AMDAL</li> <li>12. Contents of the Environmental Management Plan</li> <li>13. Contents of Environmental Monitoring Plan</li> <li>14. EIA assessment procedures and issuance of environmental permits</li> </ol>	
<b>Prerequisite</b>	
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<b>References</b>	
<ol style="list-style-type: none"> <li>1. Suratmo, Gunawan (1991), Analisis Mengenai Dampak Lingkungan, UGM Press, Yogyakarta.</li> <li>2. Katili (1985), Sumberdaya Alam Untuk Pembangunan Nasional, Gramedia, Jakarta.</li> <li>3. Djohara, Faktor Geografi Sebagai Sumberdaya Alam, ITB, Bandung</li> <li>4. Modul Pelatihan KLHS 2012</li> <li>5. Hadi, Suharto P (2001), Dimensi Lingkungan Perencanaan, Gajah mada.</li> <li>6. Hower (1982), Managing Renewable Natural Resources in Developing Countries, West View Press, Boulder.</li> <li>7. Suparmoko (1995), Ekonomi Sumberdaya Alam dan Lingkungan, UGM Press, Yogyakarta.</li> <li>8. Randal, Alan (1987), Resources Economics: an Economics Approach to Natural Resources and Environmental Policy, John Wiley, New York.</li> </ol>	

9. Rudle and Marshard (1981), Renewable Natural Resources and The Environment, Ty Cooly International Publishing.
10. Undang-Undang 32 Tahun 2009, tetang Pengelolaan dan Perlindungan Lingkungan Hidup