

<b>Course</b>	<b>Course Name</b>	Applied Regional Planning
	<b>Course Code</b>	DK184603
	<b>Credit</b>	4
	<b>Semester</b>	VI

<b>Description of Course</b>	
Students able to conduct survey and collect necessary data for regional planning, analyzing data and information by utilizing analysis techniques for regional development, as well as formulating a concept and a plan based on the analysis	
<b>Learning Outcomes</b>	
<b>Knowledge</b>	<ol style="list-style-type: none"> <li>1. Mastering the theoretical concept of urban and regional planning in the aspects of urban studies, regional studies, spatial science, data science &amp; computer application, socio-political, environmental management, built environment design, infrastructure and transportation system, coastal studies, management, economics.</li> <li>2. Mastering the techniques and processes of urban and regional planning in qualitative, quantitative, spatial modeling (geographic information systems) and presentation techniques.</li> <li>3. Mastering the methods of spatial/aspatial planning in decision-making.</li> </ol>
<b>Specific Skill</b>	<ol style="list-style-type: none"> <li>1. Able to compile the planning concept and direction of the plan through the study of strategic issues in the context of urban, regional, and coastal planning problems with understanding through observation and utilization of the data of physical/spatial, social, economic and environmental.</li> <li>2. Able to utilize ICT in the management of data to produce information that is easily understood by the public and the decision makers.</li> <li>3. Able to describe the spatial characteristics of urban, regional and coastal area through the linkage analyze of spatial and aspatial aspects</li> </ol>

	<p>so that provide the information as the basis for drawing up planning model</p> <ol style="list-style-type: none"> <li>4. Able to compile an alternative spatial model through a qualitative and quantitative approach in the form of scenarios setting the pattern of space and structure of urban, regional, and coastal area as well as propose the appropriate solutions</li> <li>5. Able to produce a creative, innovative, sustainability spatial plan which the results are well researched against the rules and theory of planning and mengkomunikasikannya are visual, verbal and written, which can be accountable academically.</li> </ol>
<b>General Skill</b>	<ol style="list-style-type: none"> <li>1. Able to apply logical, critical, systematic, and innovative thinking in the context of development or implementation of science and technology by considering and applying the suitable value of humanities in accordance with their expertise</li> <li>2. Able to demonstrate independent, quality and scalable performance</li> <li>3. Able to examine the implications of the development or implementation of science and technology by considering and applying the suitable value of humanities in accordance with their expertise based on rules, procedures and the scientific ethic in order to produce solutions, ideas, design or art critique</li> <li>4. Able to take an appropriate decision in the context of problems solving in the field of their expertise based on the results of the information and data analyze</li> </ol>
<b>Course Learning Outcomes</b>	
<b>Knowledge</b>	<ol style="list-style-type: none"> <li>1. Students able to implement the principles and theories of regional planning</li> <li>2. Students able to conduct survey based on the necessity of planning</li> <li>3. Students able to identify the issues and potencies of regional planning</li> </ol>

	<ol style="list-style-type: none"> <li>4. Students able to analyze and synthesize regional planning mode</li> <li>5. Students able to formulate regional development planning</li> <li>6. Students able to properly communicate planning products</li> </ol>
<b>Specific Skill</b>	-
<b>General Skill</b>	-
<b>Main Subject Learning Outcomes</b>	
-	
<b>Main Subject</b>	
<ol style="list-style-type: none"> <li>1. Able to explain basic principles of regional planning and development</li> <li>2. Able to explain the preparation on formulating regional development plan with spatial orientation</li> <li>3. Able to conduct survey and collect data for regional planning necessity</li> <li>4. Able to display data and information regarding regional planning issues in graphics</li> <li>5. Able to display data and information regarding regional planning potencies and issues in the form of tables graphics</li> <li>6. Able to display data and information regarding regional condition in the form of graphics and tables</li> <li>7. Able to create tabulation and data compilation based on regional planning aspects ( economics, carrying capacity, Socio-culture, and infrastructure</li> <li>8. Able to utilize ICT in order to produce creative and innovative planning products</li> <li>9. Able to analyze the data and informations gained from survey with the utilization of analysis techniques</li> <li>10. Able to analyse the typologies of regional growth based on data and spatial informations</li> <li>11. Able to compare various regional development concepts with proper methods</li> <li>12. Able to formulate concepts and plans of regional development based on existing informations and existing data</li> <li>13. Able to apply regional planning process to give solutions towards regional development</li> </ol>	
<b>Prerequisite</b>	
Regional Planning	

## References

1. Dimitriou, Harry T. dan Thompson, Robin. 2007. *Strategic Planning for Regional Development in the UK*. Routledge. London, UK.
2. Nurzaman, Siti Sutriah. 2012.
3. Rustiadi, E., Saefulhakim, S., dan Panuju, DR. 2009. *Perencanaan dan Pengembangan Wilayah*. Crestpent Press dan Yayasan Obor Indonesia. Jakarta.
4. Wang, Xinhao, dan Hofe, v. Rainer. 2007. *Research Methods in Urban and Regional Planning*. Springer. Berlin.
5. Wong, Cecilia. 2013. *Indicators for Urban and Regional Planning: The Interplay of Policy and Methods*. Routledge. London, UK