

Course	Course Name	Applied Urban Planning
	Course Code	DK184503
	Credit	3
	Semester	V

Description of Course

Applied Urban Planning course is an implementation of Urban Planning Course. This course is done in the form of the studio, so in practice, it is more lead to the preparation of the urban plan. The studio activities are held for 16 class meetings as well as outside the class. Class activities are only reviewing the material that is deemed necessary, assistance, and evaluation. Implementation of the studio is not enough to be done only in the class, the core implementation of the practice of planning is done outside the class, whether in the form of the work plan, survey, analysis, and formulation plan. To support the planning activities, it was given assistance facilitation outside the class hours by lecturers and assistants. Students are expected to utilize this facility well.

Learning Outcomes

Knowledge	<ol style="list-style-type: none"> 1.1 Mastering the theoretical concept of urban and regional planning in the aspects of urban studies, regional studies, spatial science, data science & computer application, socio-political, environmental management, built environment design, infrastructure and transportation system, coastal studies, management, economics. 1.2 Mastering the techniques and processes of urban and regional planning in qualitative, quantitative, spatial modeling (geographic information systems) and presentation techniques. 1.3 Mastering the methods of spatial/aspatial planning in decision-making.
Specific Skill	<ol style="list-style-type: none"> 2.1 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.

	<p>2.2 Able to utilize ICT in the management of data to produce information that is easily understood by the public and the decision makers.</p> <p>2.3 Able to describe the spatial characteristics of urban, regional and coastal area through the linkage analysis of spatial and aspatial aspects so that provide the information as the basis for drawing up planning model</p> <p>2.4 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</p> <p>2.5 Able to produce creative, innovative, sustainable, and accommodating public interest plans whose results are reviewed on the rules and theories of planning and communicating them visually, verbally and in writing so that can be accounted for academically.</p>
<p>General Skill</p>	<p>3.1 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</p> <p>3.2 Able to demonstrate independent, quality and scalable performance</p> <p>3.3 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</p> <p>3.5 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</p>
<p>Course Learning Outcomes</p>	
<ol style="list-style-type: none"> 1. Students are able to do the planning process in preparing the plan of an urban area 2. Students are able to formulate an Urban Area Plan correctly 3. Students are able to communicate their product planning well 	

Main Subject Learning Outcomes
<ol style="list-style-type: none"> 1. Students are able to delineate and design survey in the planning area 2. Students are able to collect data according to their planning needs 3. Students are able to compile data that has been obtained by structured, systematic, communicative 4. Students are able to analyze the data obtained by using the appropriate model /analytical tool 5. Students are able to arrange the concept, scenario, and urban spatial plan in accordance with the prevailing rules 6. Students are able to compile and communicate their planning products
Main Subject
<ol style="list-style-type: none"> 1. Urban area delineation and survey design 2. Survey data 3. Compilation of data 4. Data analysis 5. Preparation of concept, scenario, and spatial plan of urban area 6. Preparation of product planning
Prerequisite
Urban Planning
References
Regulation of spatial planning in Indonesia