

Course	Course Name	Planning The Built Environment
	Course Code	DK184725
	Credit	3
	Semester	VIII

Description of Course

This course is taken by students who have obtained the Urban Design and Urban Morphology lecture. This course examines site planning process, space organization, land use aspect and land use, and building placement

Learning Outcomes

Knowledge	<ul 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	<ul 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. 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. 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>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>
Course Learning Outcomes	
Knowledge	<ol style="list-style-type: none"> 1. Students are able to understand the principles of the arrangement of buildings and the environment in the planning of the area and the circumference 2. Students are able to carry out design analysis techniques in the arrangement of buildings and the environment 3. Students are able to carry out aspects of urban studies, spatial science, computer applications, environmental management and infrastructure systems in the arrangement of buildings and the environment
Specific Skill	<ol style="list-style-type: none"> 1. Students are able to understand problems in buildings and environment 2. Students are able to compile physical, environmental and social data by utilizing ICT 3. Students are able to analysis spatial characteristics in the sphere of building and environment arrangement 4. Able to formulate promotional and environmental models through qualitative and quantitative approaches 5. Students are able to formulate the concept and direction of the plan in the arrangement of buildings and environment
Main Subject Learning Outcomes	
<ol style="list-style-type: none"> 1. Students are able to understand the principles of RTBL preparation stage 2. Students are able to conduct a survey in the realm of RTBL correctly. 3. Students are able to make an RTBL compilation analysis. 	

4. Students understand the preparation of the design of corridors or blocks of designated areas.
5. Understanding RTBL implementation.
6. Able to communicate the results of the design verbally and visually.

Main Subject

- (1) Understanding of RTBL
- (2) Content of RTBL
 - Survey
 - Setting vision: concept and development
 - Analysis
 - Design development
 - Development of design guidelines
 - Planning support
- (3) Implementation of RTBL
 - Factor affecting
 - The role of government
 - Regulation

Prerequisite

Urban design, Urban Morphology

References

Rulli Pratiwi Setyawan dan Heru Purwadio (2015). "Diktat Dasar-dasar RTBL".

Kementrian pekerjaan Umum (2007). "Pedoman Umum RTBL"

Berbagai contoh karya RTBL