

Course	Course Name	Site Planning
	Course Code	DK184404
	Credit	3
	Semester	IV

Description of Course

Site planning is delivered in 4th semester. This subject is taken by students whom have studied Urban Design and Urban Morphology. This subject is examining the process of site planning, spatial organization, land use aspect, and building placement.

Learning Outcomes

Knowledge	<ol style="list-style-type: none"> 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. 2. Mastering the techniques and processes of urban and regional planning in qualitative, quantitative, spatial modeling (geographic information systems) and presentation techniques. 3. Mastering the methods of spatial/aspatial planning in decision-making.
Specific Skill	<ol style="list-style-type: none"> 1. Able to utilize ICT in the management of data to produce information that is easily understood by the public and the decision makers. 2. Able to describe the spatial characteristics of urban, regional and coastal area through the linkage analyze of spatial and aspatial aspects so that provide the information as the basis for drawing up planning model 3. 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

	<p>solutions</p> <p>4. 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.</p>
Course Learning Outcomes	
Knowledge	<ol style="list-style-type: none"> 1. Students are able to comprehend the principles of site planning in regional and urban planning 2. Students are able to implement site planning techniques in land development, both in urban and regional 3. Students are able to implement urban studies' aspects, spatial science, computer application, environmental management and infrastructure system in site planning
Specific Skill	<ol style="list-style-type: none"> 1. Students are able to comprehend problems in the selected site through observation 2. Students are able to process physical, environmental, social data using ICT 3. Students are able to analyze the spatial characteristic in site scope 4. Students are able to formulate concepts and referral in site planning
Main Subject Learning Outcomes	
<ol style="list-style-type: none"> 1. Students are able to comprehend the process of site planning 2. Students are able to comprehend the sustainable context in site planning 3. Students are able to comprehend spatial organization in site planning 4. Students are able to comprehend spatial aesthetic 5. Students are able to comprehend aspects in building massing 6. Students are able to comprehend physical data which is required in site planning 7. Students are able to comprehend the process of site planning according to geographic, topographic, and hydrology aspects 8. Students are able to formulate the concept and referral for the selected site 	

Main Subject
<ol style="list-style-type: none"> 1. The process in planning and developing selected site 2. Based on geographic, topographic and hydrology aspect 3. Spatial organization and aesthety 4. Functional land use and utilization aspect (including transportation and infrastructur 5. Site Analysis 6. Determining building location on the selected site 7. Data collecting in selected site 8. Formulating existing condition on the selected site 9. Site Analysis for zones 10. Formulating concept and site plan
Prerequisite
Urban Design, Urban Morphology
References
<ol style="list-style-type: none"> 1. Russ, Thomas H, <i>Site Planning and Design Handbook</i>, 2nd Edition, New York, McGraw-Hill, 2009. 2. LaGro Jr, James, <i>Site Analysis: A Contextual Approach to Sustainable Land Planning and Site Design</i>, 2nd Edition, John Wiley & Sons, New Jersey, 2008. 3. Mc Harg, Ian L., <i>Design with Nature</i>, John Wiley & Sons, 1992. 4. White, Edward T., <i>Site Analysis</i>, Architectural Media Ltd, 1983. 5. Lynch, Kevin, <i>Site Planning</i>, MIT Press, Cambridge, Massachusetts, 1981 6. De Chiara, Joseph & Koppelman, Lee, <i>Site Planning Standard</i>, Van Nostrand Reinhold, New York, 1975 7. Rubenstein, Harvey M., <i>A Guide to Site and Environmental Planning</i>, John Wiley & Sons, New York, 1969.