

CP234319 - Site Planning

Module Name	Site Planning
Module level, if applicable	Intermediate BoURP
Code, if applicable	CP234319
Subtitle, if applicable	-
Course, if applicable	Site Planning
Semester(s) in which the module is taught	3 rd Semester
Person responsible for the module	Mochamad Yusuf, S.T., M.Sc.
Lecturer	Ardy Maulidy Navastara, S.T., M.T. Prananda Navitas, S.T., M.Sc., Ph.D Mochamad Yusuf, S.T., M.Sc. Rulli Pratiwi Setiawan, S.T., M.Sc., Ph.D. Ilman Harun, ST., MSc.
Language	Indonesian, English
Relation to curriculum	Compulsory courses for undergraduate program in Urban and Regional Planning
Type of teaching*, contact hours*	M1: Group discussion M3: Case study Lecture (Face to face lecture): 2.5 hours x 14 weeks 35 hours per semester
Workload	Regular (3 SKS) Class: 2.5 hours x 14 weeks = 35 hours Structured activities: 4 hours x 14 weeks = 56 hours Independent Study: 3 hours x 14 weeks = 42 hours Exam: 1.5 hours x 4 time = 6 hours Total = 133 hours
Credit points	3 SKS ~ 4.8 ECTS
Requirements according to the examination regulations	Registered in this course Minimum 80% attendance in this course
Recommended prerequisites	-
Module objectives/intended learning outcomes	General knowledge: 1. Able to understand the theoretical concepts of urban and regional planning in the aspects of urban studies, regional studies, coastal studies, spatial science, planning science, data science, built environment design, infrastructure and transportation systems, environmental management, social systems, economics, management studies, and research /project. 2. Able to understand spatial and non-spatial planning methods in decision making in the field

	<p>of urban and regional planning.</p> <ol style="list-style-type: none"> 3. Able to apply planning formulation techniques and develop alternative spatial/spatial models through qualitative and quantitative approaches in the form of scenarios for setting spatial patterns and spatial structures of cities, regions, and coasts. 4. Able to analyze potentials and problems in spatial and non-spatial contexts of cities, regions, and coasts through analysis of aspatial and spatial aspects linkages. <p>Specific knowledge:</p> <ol style="list-style-type: none"> 1. Students are able to understand the principles of site planning in regional and urban planning. 2. Students are able to apply site analysis techniques in land, regional and urban development. 3. Students are able to apply aspects of urban studies, spatial science, computer applications, environmental management and infrastructure systems in site planning. 4. Students are able to comprehend problems in the selected site through observation <p>Specific Skills:</p> <ol style="list-style-type: none"> 1. Students are able to process physical, environmental, social data using ICT 2. Students are able to analyze the spatial characteristic in site scope 3. Students are able to formulate concepts and referral in site planning
Content	<ol style="list-style-type: none"> 1. Site planning process 2. Geographic, topographic, and hidrologic orientation in site planning 3. Spatial organization and spatial aesthetic 4. Functional and ecological land use and land utilization aspect (including transportation and infrastructure aspect effect) 5. Practising site analysis determining the placement of building on site 6. Compiling site area data 7. Formulation site planning area existing condition 8. Site planning analysis 9. Formulating concept and planning of the site

Study and examination requirements and forms of examination	<p>5 assessments:</p> <table><tr><th>Evaluation</th><th>Method</th><th>Weight</th></tr><tr><td>1</td><td>Final Group Task Progress: Data</td><td>10%</td></tr><tr><td>2</td><td>Mid-Term Test</td><td>30%</td></tr><tr><td>3</td><td>Final Group Task Progress: Analysis</td><td>15%</td></tr><tr><td>4</td><td>Final Group Task Progress: Concept</td><td>15%</td></tr><tr><td>5</td><td>Final Group Task and 3D Video Submission</td><td>30%</td></tr></table> <p>1. <i>Final Group Task Progress: Data - week 7</i> 2. <i>Mid-Term Exam - week 11</i> 3. <i>Final Group Task Progress: Analysis - week 13</i> 4. <i>Final Group Task Progress: Concept - week 15</i> 5. <i>Final Group Task and 3D Video Submission - week 16</i></p>	Evaluation	Method	Weight	1	Final Group Task Progress: Data	10%	2	Mid-Term Test	30%	3	Final Group Task Progress: Analysis	15%	4	Final Group Task Progress: Concept	15%	5	Final Group Task and 3D Video Submission	30%
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Media employed	Classical teaching tools with white board and power point presentation, audiovisual, zoom meeting, ITS online classroom.																		
Reading list	<p>Main reference:</p> <ol style="list-style-type: none">1. Russ, Thomas H, Site Planning and Design Handbook, 2nd Edition, New York, McGraw-Hill, 2009.2. LaGro Jr, James, Site Analysis: A Contextual Approach to Sustainable Land Planning and Site Design, 2nd Edition, John Wiley & Sons, New Jersey, 2008.3. Mc Harg, Ian L., Design with Nature, John Wiley & Sons, 1992.4. White, Edward T., Site Analysis, Architectural Media Ltd, 1983.5. Lynch, Kevin, Site Planning, MIT Press, Cambridge, Massachusetts, 19816. De Chiara, Joseph & Koppelman, Lee, Site Planning Standard, Van Nostrand Reinhold, New York, 19757. Rubenstein, Harvey M., A Guide to Site and Environmental Planning, John Wiley & Sons, New York, 1969. <p>Supporting reference:</p> <p>-</p>																		