

CP234634 – Urban Design Practice

Module Name	Urban Design Practice
Module level, if applicable	Advance BoURP
Code, if applicable	CP234634
Subtitle, if applicable	-
Course, if applicable	Urban Design Practice
Semester(s) in which the module is taught	6 th Semester
Person responsible for the module	Ardy Maulidy Navastara, ST., MT.
Lecturer	Ardy Maulidy Navastara, ST., MT. Rulli Pratiwi Setiawan, ST., M.Sc., Ph.D. Dr. Prananda Navitas, ST., M.Sc., Mochamad Yusuf, ST., M.Sc. Dr. I Dewa Made Frenrika Septanaya, ST., MT., M.Sc., Ilman Harun, ST., M.Sc.
Language	Indonesian, English
Relation to curriculum	Compulsory Courses for undergraduate program in Urban and Regional Planning
Type of teaching, contact hours	M1: Group discussion M6: Project-based learning Lecture (Face to face lecture) 2.83 hours x 14 weeks 40 hours per semester
Workload	Applied (4 SKS) Class: 2.83 hours x 14 weeks = 40hours Structured activities: 6 hours x 14 weeks = 84 hours Independent Study: 2.83 hours x 14 weeks = 40 hours Exam: 5 hours x 4 weeks = 20 hours Total = 184 hours
Credit points	4 SKS ~ 6.4 ECTS
Requirements according to the examination regulations	Registered in this course Minimum 80% attendance in this course

Recommended prerequisites	<ol style="list-style-type: none"> 1. Urban Morphology 2. Urban Design 									
Module objectives/intended learning outcomes	<p>General knowledge:</p> <ol style="list-style-type: none"> 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 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, coasts. 3. 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 practice the methods, processes and techniques of urban design in the corridor or block of the selected area. 2. Students are able to use measurable and non-measurable criteria to analyze and make designs on selected corridors or city blocks. 3. Students are able to understand design products and their implementation in urban design. 4. Students are able to strategize and communicate design concepts in visual and verbal forms. 									
Content	<ol style="list-style-type: none"> 1. Theory and concept of urban design 2. Design analysis techniques 3. Formulation of urban design scenarios 4. Formulations of urban planning prescriptions 									
Study and examination requirements and forms of examination	<p>4 assessments:</p> <table border="1" data-bbox="703 1759 1263 1906"> <thead> <tr> <th data-bbox="703 1759 868 1793">Evaluation</th> <th data-bbox="868 1759 1122 1793">Method</th> <th data-bbox="1122 1759 1263 1793">Weight</th> </tr> </thead> <tbody> <tr> <td data-bbox="703 1793 868 1871">1</td> <td data-bbox="868 1793 1122 1871">Data Compilation Report</td> <td data-bbox="1122 1793 1263 1871">20%</td> </tr> <tr> <td data-bbox="703 1871 868 1906">2</td> <td data-bbox="868 1871 1122 1906">Analysis Report</td> <td data-bbox="1122 1871 1263 1906">20%</td> </tr> </tbody> </table>	Evaluation	Method	Weight	1	Data Compilation Report	20%	2	Analysis Report	20%
Evaluation	Method	Weight								
1	Data Compilation Report	20%								
2	Analysis Report	20%								

	3	Area Design Concept (Block Plan)	30%
	4	Final Report (Presentaion and 3D Movie)	30%
Media employed	Classical teaching tools with MS Office, Arc GIS/QGIS, AutoCAD, Sketchup, V-Ray, PC, Laptop, Webcam, and LCD Projector+Screen.		
Reading list	<p>Main reference:</p> <ol style="list-style-type: none"> 1. De Chiara Joseph, Koppelman. Lee (1975). "Urban Planning and Design Criteria". Van Nostrand Reinhold. New York. 2. Gindroz. Ray (2003). The Urban Design Handbook. Technique and Working Methods. W.W. Norton and Company. New York. 3. Shirvani, Hamid (1985). "The Urban Design Process". Van Nostrand Reinhold. New York. 4. Spreiregen, Paul. D, AIA. "The Architecture of Town and Cities". Mc. Graw-Hill Book Company. New York. 5. Trancik, Roger (1986). "Three Theories of Urban Spatial Design". Finding Lost Space: Theories of Urban Design. John Wiley and Sons. <p>Supporting reference:</p> <ol style="list-style-type: none"> 1. Purwadio. Heru (2007). Diktat Perancangan Kota II. 2. American Planning Association (2006). "Urban Analysis". Planning and urban design standards. John Wiley and Sons. ISBN 978-0-471-47581-1. 3. Carmona, Matthew; Tiesdell, Steven (2007). Urban design reader. Architectural Press. ISBN 978-0-7506-6531-5. 4. Moughtin, Cliff (1999). "Survey Techniques". Urban design: method and techniques. Elsevier. ISBN 978-0-7506-4102-9. 		