

PL4013 Urban Design

Module designation	Urban Design
Semester(s) in which the module is taught	7 th Semester (fourth year of undergraduate program)
Person responsible for the module	Dr. Ir. Denny Zulkaidi, MUP, Dr. RM Petrus Natalivan, MT
Language	Indonesian
Relation to curriculum	Elective
Teaching methods	Lecture, Project
Workload (incl. contact hours, self-study hours)	(Estimated) Total workload: 96 hours <ul style="list-style-type: none"> • Lecture: 32 hours • Tutorial: 32 hours • Independent study: 32 hours
Credit points	3 CU/5 ECTS
Required and recommended prerequisites for joining the module	1. PL1202 Presentation and Communication Techniques; 2. PL 3119 Site Planning Studio for Residential; 3. GL2021 Introduction to Environmental Geology for Planning; 4. PL3131 Urban and Regional Infrastructure Planning
Module objectives/intended learning outcomes	Students are able to: <ol style="list-style-type: none"> 1. Identifies site's problem and potential in design term; 2. Analyzes the external and internal conditions of the site; 3. Interprets the urban design theories, concepts, and basic techniques to design a functional area or public space.
Content	Urban Design course trains students in preparing urban design plan for certain functional objects or/and public space in a complete 3D form and urban design professional report. This course consists of fundamentals of urban design and exercise of urban design plan preparation; including introduction to urban design, principles and concepts in urban design, and formulation of urban design policy, principles, concept and plan.
Examination forms	Multiple choice.
Study and examination requirements	Mid-Term Exam (20%) Final Exam (20%) Individual design project (60%)

Reading list	<ol style="list-style-type: none"> 1. American Planning Association. "Planning and Urban Design Standards" John Willey & Sons, 2006 (711.4 STE p) 2. Ching, Francis D.K. "Architecture: Form, Space and Order." Van Nostrand Reinhold, 1979 3. Duerk, Donna P." Architectural Programming." Van Nostrand Reinhold, 1993 (720.28 DUE) 4. Harris, Charles W.; Nicholas T. Dines, eds. "Time-Saver Standards for Landscape Architecture." McGraw-Hill, Inc., 1995 (R 711.58 DEC t) 5. Parolek, Daniel G., "Form-based Codes." John Willey & Sons, 2008 6. Shirvani, Hamid . "Urban Design Process." Van Nostrand Reinhold, 1985 (Barcode: 711.4 SHI u) 7. Watson, Donald; Allan Plattus; Robert G. Shibley. "Time-Saver Standards for Urban Design." McGraw-Hill, 2003 8. Lang, Jon. "Urban Design: The American Experience."New York: Van Nostrand Reinhold, 1994 (Barcode: R 720.47 LAN u) 9. Moughtin, Cliff, et.al. "Urban Design Method and Techniques." Architectural Press, 2003 (Barcode: R 711.4 MOU u) 10. Broadbent, Geoffrey. "Emerging Concepts in Urban Space Design." Van Nostrand Reinhold, 1990 (Barcode: 711.4 BRO) 11. English Partnership; The Housing Corporation. "Urban Design Compendium." Llewelyn – Davies (Barcode: 720 URB) 12. Gindroz, Ray, et.al. "The Urban Design Handbook." W.W Norton & Company. (Barcode: 711.4 URB)
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