

PL3013 Land Development

Module designation	Land Development
Semester(s) in which the module is taught	5 th or 6 th Semester (third year of undergraduate program)
Person responsible for the module	Prof. Ir. Haryo Winarso, M.Eng., Ph.D. Ir. Sugiyantoro, MIP, PhD
Language	Indonesian
Relation to curriculum	Elective
Teaching methods	Lecture, project, field survey
Workload (incl. contact hours, self-study hours)	(Estimated) Total workload: 144 hours Contact hours (please specify whether lecture, exercise, laboratory session, etc.): <ul style="list-style-type: none"> • Lecture (face to face teaching): 28 hours • Tutorial (structured activities): 32 hours • Exam: 4 hours Private study including examination preparation, specified in hours: <ul style="list-style-type: none"> • Independent study: 32 hours
Credit points	3 CU/5 ECTS
Required and recommended prerequisites for joining the module	1. PL3111 Urban Planning 2. PL2201 Land Use 3. PL2211 Housing System 4. PL3119 Residential Site Planning Studio
Module objectives/intended learning outcomes	Students able to: <ol style="list-style-type: none"> 1. Demonstrate the ability to do simple land consolidation projects 2. Explain problems of land development 3. Explain land development process, the regulations, and the actors 4. Describe land/unit ownership after development
Content	This course contains an introduction to the scope of land development, definitions, technical and ideological problems in land and housing development. This lecture also deliberates the role of the actors involved and examples of land development practices in planning. The concepts described will cover processes (both formal and informal), procedures and techniques in land development, including how to develop techniques for strata title and highest and best use as well. After the midterm exam, the concept of feasibility and project appraisal will be explained. Guest lectures will be held from either private or public domains. This lecture will consist of two assignments that will be worked in groups and presented at the end of the lecture. In the final week of class, there will be a reflection of the entire lecture process for one semester.
Examination forms	Essay, Vertical Land Consolidation Projects
Study and examination requirements	Task: 35% Mid Test: 20% Final Test: 40% Presentation: 5%

Reading list	<ol style="list-style-type: none"> 1. Adams, D “ Urban Planning and Development Process” UCL Press, 1994 2. Harvey, J., “Urban Land Economics” The McMillan Press Ltd, 1996 3. O’solivan, A,” Ürbän Economics,” 7th Ed. McGraw Hill, Irwin. 2009 4. Brueggeman WB, and Fsher, JD.“ Real Estate Finance and Investment”, 5. McGraw-Hill and Irwin, 2001 6. Angel. S., Archer, RW, Thanpipat, S., Wegelin EA,”Land For Housing the Poor”. Select Books, 1983 7. Dewberry, S “Land Development Hand Book: Planning , Engineering and Surveying” third edition, McGraw-Hill, New York, 2008.
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