

MASTER PROGRAM: SPECIALISATION COURSES

PL5112 Urban Development Planning

Module designation	Urban Development Planning
Semester(s) in which the module is taught	1 st Semester (first year of master program)
Person responsible for the module	Dr. Ir. Denny Zulkaidi, MUP. Ir. Sugiyantoro, MIP, PhD
Language	Indonesian
Relation to curriculum	Specialisation Compulsory Course
Teaching methods	Lecture and discussion, problem-based learning
Workload (incl. contact hours, self-study hours)	(Estimated) Total workload: around 9 hours per week x 16 weeks = 144 hours <ul style="list-style-type: none"> • Face to face teaching: 2 hours per week = 2 x 16 = 32 hours • Self-study hours: 7 hours per week¹: 7 x 16 = 112 hours
Credit points	3 CU/ 5 ECTS
Required and recommended prerequisites for joining the module	-
Module objectives/intended learning outcomes	<ol style="list-style-type: none"> 1. Students are able to understand and explain urban development planning as theory, concept and practice. 2. Students are able to analyze urban problems and issues; 3. Students are able to create concepts of urban development planning and management to solve urban problems.
Content	<ul style="list-style-type: none"> • Urban Development Planning and its Problems • Theories and Concepts of Urban Development Planning • Contemporary Issues in Urban Development Planning • Urban Development Management • Indonesia's Urban Development Planning System • Future Urban Development Challenges
Examination forms	Essay
Study and examination requirements	Task 1: Literature Review (Article, 30%) Task 2: Urban Development Planning Implementation (Article, 30%) Final Exam (40%)
Reading list	<p>Heymans, A., Breadsell, J., Morrison, G. M., Byrne, J. J., & Curtin, C. E. (2019). Ecological Urban Planning and Design: A Systematic Literature Review. Sustainability, 11(13), 3723. https://doi.org/10.3390/su11133723</p> <p>Przybysz, A. L., Lima, A. D., Sá, C. P. de, Resende, D. N., & Pagani, R. N. (2024). Integrating City Master Plans with Sustainable and Smart Urban Development: A Systematic Literature Review. Sustainability, 16(17), 7692. https://doi.org/10.3390/su16177692</p> <p>Ochoa, W. A. A., Neto, A. I., Vitorio Junior, P. C., Calabokis, O. P., & Ballesteros-Ballesteros, V. (2025). The Theory of Complexity and Sustainable Urban Development: A Systematic Literature Review. Sustainability, 17(1), 3. https://doi.org/10.3390/su17010003</p>