

MODUL ENVIRONMENTAL PLANNING THEORY



MASTER PROGRAM OF ENVIRONMENTAL SCIENCE
SCHOOL OF POSTGRADUATE STUDIES
DIPONEGORO UNIVERSITY

A Module Descriptions:

Module design	Environmental Planning Theories
Module level, if applicable	
Code, if applicable	P-CIL-8-204
Subtitles, if applicable	
Courses, if applicable	
Semester(s) in which the module is taught	2 nd Semester
Person responsible for the module	Prof. Dr. Sudharto Prawata Hadi, MES, Ph.D
Lecturer	1. Dr. Kismartini, M.Si. 2. Dr. Eng. Maryono, S.T., M.T.
Language	<i>Indonesian and English</i>
Relations to curriculum	
Type of teaching, contact hours	<i>Lecture: 180 minutes Q&A: 30 minutes Discussion: 30 minutes Presentation: 30 minutes Individual Assignment: 60 minutes</i>
Workload	<i>(Estimated) workload, divided into contact hours (lecture, exercise, laboratory session, etc.) and private study, including examination preparation, specified in hours,¹ and in total.</i>
Credit points	<i>3 credit points / 6 ECTS</i>
Requirements according to the examination regulations	<i>Minimum attendance of lectures 75%</i>
Recommended prerequisites	<i>eg existing competences in...</i>

Module objectives/intended learning outcomes	• Understanding environmental planning theory in general • Able to describe the scope of planning • Able to explain issues from Development Planning • Able to understand Economic Oriented Development • Able to explain the comparison between planning theory • Able to understand the classification of a plan • Able to understand the role of Development Planning • Able to understand Environmental Planning thoroughly • Able to understand Sustainable Development and Environmental Studies in Planning • Able to understand the stages and challenges in Planning Practice • Able to understand Strategic Planning • Able to explain engineering aspects of planning • Able to develop alternative plans and make decisions.
Content	The Environmental Planning (Design for Environment) course is a course in a systematic approach to evaluating the environmental impacts of products and their processes, and their impact on human health and the environment. This course also provides learning about the practice of preparing an environmental plan along with alternatives following the needs of a case study.
Study and examination requirements and forms of examination	• <i>Open book and close book</i> • <i>Multiple choice, case study, interview, practice</i>
Media employed	<i>Powerpoint, youtube, website</i>

Reading list	1. Allmendinger, P. 2017. Planning Theory. Bloomsbury Publishing 2. Baldwin, J.H. 2020. Environmental Planning And Management. Routledge 3. Blakely, Edward J. 1989. Planning Local Economic Development: Theory and Practice. Newbury Park, Cal.: Sage Publication 4. Boothroyd, Peter and Craig Davis. 1991. The Meaning of Community Economic Development. SCARP, UBC, Vancouver, Canada. 5. Boothroyd, Peter. 1991. Developing Community Planning Skills: Application of Seven Step Model. UBC CHS, Vancouver, Canada. 6. Boothroyd, Peter. 1991. Looking Up at the Region: Regional Issues from a Community Development Perspective. SCARP, UBC, Vancouver, Canada. 7. Economic Council of Canada. 1990. From the Bottom Up: The Community Economic Development Approach. 8. Hadi, Sudharto P. 1991. Comparative Analysis of Community Development: Developed and Low-Consumption Countries. Directed Study. School of Community and Regional Planning, UBC. Vancouver, Canada. 9. Kahraman, C., and Sari, I.U. 2017. Intelligence Systems in Environmental Management: Theory and Applications. Switzerland: Springer Cham. 10. Purbo, Hasan et. al. 1995. Working with People: Indonesian Experiences with Community Based Development. Bandung and Toronto: The University Consortium on the Environment.
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