

# MODUL SPATIAL PLANNING AND ENVIRONMENT



MASTER PROGRAM OF ENVIRONMENTAL SCIENCE  
SCHOOL OF POSTGRADUATE STUDIES  
DIPONEGORO UNIVERSITY

**A Module Descriptions :**

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| Module design                                         | Spatial Planning and Environment                                                                                                                                                                          |
| Module level, if applicable                           |                                                                                                                                                                                                           |
| Code, if applicable                                   | P- CIL-8-207                                                                                                                                                                                              |
| Subtitles, if applicable                              |                                                                                                                                                                                                           |
| Courses, if applicable                                |                                                                                                                                                                                                           |
| Semester(s) in which the module is taught             | 2 <sup>nd</sup> Semester                                                                                                                                                                                  |
| Person responsible for the module                     | Prof. Dr. Ir. Nany Yulastuti, MSP                                                                                                                                                                         |
| Lecturer                                              | 1. Prof. Dr. sc. agr. Iwan Rudiarto, S.T., M.Sc.<br>2. Dr. Ir. Joesron Alie Syahbana, M.Sc                                                                                                                |
| Language                                              | <i>Indonesian and English</i>                                                                                                                                                                             |
| Relations to curriculum                               |                                                                                                                                                                                                           |
| Type of teaching, contact hours                       | <i>Lecture: 120 minutes<br/>Q&amp;A: 20 minutes<br/>Discussion: 20 minutes<br/>Presentation: 20 minutes<br/>Individual Assignment: 36 minutes</i>                                                         |
| Workload                                              | <i>(Estimated) workload, divided into contact hours (lecture, exercise, laboratory session, etc.) and private study, including examination preparation, specified in hours,<sup>1</sup> and in total.</i> |
| Credit points                                         | <i>2 credits / 4 ECTS</i>                                                                                                                                                                                 |
| Requirements according to the examination regulations | <i>Minimum attendance of lectures 75%</i>                                                                                                                                                                 |
| Recommended prerequisites                             | <i>eg existing competences in...</i>                                                                                                                                                                      |

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| Module objectives/intended learning outcomes                | Students can explain concepts and approaches to spatial planning for regional and urban development and apply them in the field of regional and city development in particular and environmental planning in general.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Content                                                     | This course teaches Spatial Planning as one of the approaches used in the field of urban and regional planning (Urban and Regional Planning). The things studied in this course include basic concepts approaches, urban and regional development strategies, challenges and problems, associated with environmental planning. By following this course, students can apply regional and city development strategies.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Study and examination requirements and forms of examination | <ul style="list-style-type: none"> <li>• <i>Open book and close book</i></li> <li>• <i>Multiple choice, case study, interview, practice</i></li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Media employed                                              | <i>Powerpoint, youtube, website</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Reading list                                                | <ol style="list-style-type: none"> <li>1. Bourne, Larry Stuart &amp; James William Simmonds (ed). 1978. System of Cities : Readings on Structure, Growth and Policy. New York : Oxford University Press.</li> <li>2. Eisher, Simon; Arthur Gallion &amp; Stanley Eisher. 1992. The Urban Pattern : City Planning and Design. 6 edition. New York : Van Nostrand Reinhold.</li> <li>3. Steiner, Frederick. R. 1991. The Living Landscape : An Ecological Approach to Landscape Planning. New York : Mc Graw-Hill Inc.</li> <li>4. UN HABITAT, Urban Planning for City Leader.</li> <li>5. Budihardjo, Eko &amp; Djoko Sujarto. 1999. Kota berkelanjutan. Bandung : Penerbit alumni.</li> <li>6. Yeates, Maurice &amp; Barry J Gams. 1980. The North American City. 3 edition. New York : Harper &amp; Row.</li> <li>7. Yunus, Hadi Sabari. 2000. Struktur Tata Ruang Kota. Yogyakarta : Pustaka Pelajar</li> <li>8. Leitmann, Yosef. 1999. Sustaining Cities. McGraw Hill.</li> <li>9. Robert, Karl-Henrik. 2000. Tools and concepts for Sustainable development, how do they relate to a general framework for sustainable development, and to each other. Journal of Cleaner Production. Elsevier Science Ltd.</li> <li>10. Satterthwaite, David. 1997. Sustainable Cities or Cities that Contribute to Sustainable Development Urban Studies Vol 34, No.10 pp. 1667-1691.</li> </ol> |

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|  | <p>11. Senior, ML, CJ Webster dan NE Blank. 2006. Residential Relocation and Sustainable Urban Form:</p> <p>12. Statistical Analyses of Owner-occupiers' Preferences. International Planning Studies. Vol.11 No.1. pp. 41-57. Taylor &amp; Francis Ltd.</p> |
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