



# UNIVERSITAS GADJAH MADA

Faculty of Geography

Department of Development Geography

Regional Development Study Program

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Undergraduate Programme in Regional Development

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## MODULE HANDBOOK

|                                                       |                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Module name                                           | Land Use Planning (Practice)                                                                                                                                                                                                                                                                                         |
| Module level, if applicable                           | Bachelor                                                                                                                                                                                                                                                                                                             |
| Code, if applicable                                   | GPW 0202                                                                                                                                                                                                                                                                                                             |
| Subtitle, if applicable                               | --                                                                                                                                                                                                                                                                                                                   |
| Courses, if applicable                                | Land Use Planning (Practice)                                                                                                                                                                                                                                                                                         |
| Semester(s) in which the module is taught             | 5 <sup>th</sup> semester                                                                                                                                                                                                                                                                                             |
| Person responsible for the module                     | Department of Development Geography                                                                                                                                                                                                                                                                                  |
| Lecturers                                             | Joni Purwohandoyo, S.Si., M.Sc.<br>M. Isnaini Sadali, S.Si., M.Sc.                                                                                                                                                                                                                                                   |
| Language                                              | Bahasa Indonesia                                                                                                                                                                                                                                                                                                     |
| Relation to curriculum                                | Compulsory Course in the 3 <sup>th</sup> Year (5 <sup>th</sup> Semester)                                                                                                                                                                                                                                             |
| Type of teaching, contact hours                       | 50 minutes hours per week                                                                                                                                                                                                                                                                                            |
| Workload                                              | Total workload is 43,34 hours, which consist of 50 minutes lectures per week for 14 weeks, 60 minutes structured activities per week, and 60 minutes individual study per week, in total 8 weeks per semester, including final examination                                                                           |
| Credit points                                         | 1                                                                                                                                                                                                                                                                                                                    |
| Requirements according to the examination regulations | Students have participated the entire exercise, collect the exercise reports, and exercise control card                                                                                                                                                                                                              |
| Recommended prerequisites                             | Students have taken the Method and Technique of Socio Economic Analysis Course or taking the Method and Technique of Socio Economic Analysis Course in the same semester                                                                                                                                             |
| Module objectives/intended learning outcomes          | After completing this course the students should have :<br><br>CLO1. Able to interpret and analyze land use in a region<br>CLO2. Able to use a variety of methods in land use planning<br>CLO3. Have skills to create the appropriate land use planning                                                              |
| Content                                               | <ul style="list-style-type: none"> <li>• Review of land use planning policy</li> <li>• Analysis of land availability</li> <li>• Carrying capacity for agriculture</li> <li>• The needs of agricultural land sustainable food</li> <li>• Selection of green spaces</li> <li>• Compilation of land use maps</li> </ul> |

|                                                             | <ul style="list-style-type: none"><li>● Land capability</li><li>● The evaluation of land use</li><li>● Scenarios and directions land use</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |            |            |            |   |                   |     |   |                      |     |   |                   |     |
|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------------|---|-------------------|-----|---|----------------------|-----|---|-------------------|-----|
| Study and examination requirements and forms of examination | <p>The final mark will be weighted as follows:</p> <table><tr><th>No</th><th>Components</th><th>Percentage</th></tr><tr><td>1</td><td>Final Examination</td><td>35%</td></tr><tr><td>2</td><td>Mid-Term Examination</td><td>35%</td></tr><tr><td>3</td><td>Quiz and homework</td><td>30%</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | No         | Components | Percentage | 1 | Final Examination | 35% | 2 | Mid-Term Examination | 35% | 3 | Quiz and homework | 30% |
| No                                                          | Components                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Percentage |            |            |   |                   |     |   |                      |     |   |                   |     |
| 1                                                           | Final Examination                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 35%        |            |            |   |                   |     |   |                      |     |   |                   |     |
| 2                                                           | Mid-Term Examination                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 35%        |            |            |   |                   |     |   |                      |     |   |                   |     |
| 3                                                           | Quiz and homework                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 30%        |            |            |   |                   |     |   |                      |     |   |                   |     |
| Teaching Aid                                                | Projector, Computer, Whiteboard, Practical Guidebook                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |            |            |            |   |                   |     |   |                      |     |   |                   |     |
| Reading List                                                | <ol style="list-style-type: none"><li>1. Wehrmann. 2011. <i>Land Use Planning: Concept, Tools, and Applications</i>. Eschborn: GIZ.</li><li>2. Ritohardoyo, Su. 2000. <i>Penggunaan Laban II (Pengantar Perencanaan Penggunaan Laban)</i>. Yogyakarta: PS. Pembangunan Wilayah, Fakultas Geografi, UGM.</li><li>3. Amler, B. etc. 1999. <i>Land Use Planning: Methods, Strategies and Tools</i>. Deuscche Gesellschaft für Technische Zusammenarbeit (GTZ). Eschborn, Germany.</li><li>4. Jayadinata, Johara T. 1992. <i>Tata Guna Tanah Dalam Perencanaan Pedesaan Perkotaan dan Wilayah</i>. Bandung: Penerbit ITB.</li><li>5. Siderius, W. 1986. <i>Land Evaluation for Land Use Planning and Conservation in Sloping Areas</i> Wageningen: ILRI.</li><li>6. Nelson, De Von. 1986. <i>Guidelines for Rural Land Use Planning in Development Countries</i>. Rome: Intrdepartemental Working Group, FAO.</li><li>7. FAO. 1984. Land Evaluation for Forestry, in <i>FAO Forestry Paper 48</i>. Rome: FAO.</li><li>8. FAO. 1983. Guidelines Land Evaluation for Rainfed Agriculture, in <i>FAO Soils Bulletin 52</i>. Wageningen: ILRI.</li><li>9. Beek, K.J. 1978. <i>Land Evaluation for Agricultryal Development; Same Explorations of Land-use Systems Analysis with Particular Reference to Latin America</i>. Wageningen: ILRI.</li><li>10. Dusseldorp, D.B.W.M., Van. 1971. <i>Planning of Service Centres in Rural Areas of Developing Countries</i>. Wageningen: ILRI.</li></ol> |            |            |            |   |                   |     |   |                      |     |   |                   |     |

### PLO and CO Mapping

|       | PLO – A1 | PLO- A2 | PLO – B1 | PLO – C1 | PLO – D1 | PLO – D2 |
|-------|----------|---------|----------|----------|----------|----------|
| CLO 1 |          |         | X        |          |          |          |
| CLO 2 |          |         | X        | X        |          |          |
| CLO 3 |          |         |          | X        | X        |          |