**CP234743 – Urban Design Guidelines**

| Module Name | Urban Design Guidelines |
|---|---|
| **Module level, if applicable** | Advance BoURP |
| **Code, if applicable** | CP234743 |
| **Subtitle, if applicable** | - |
| **Course, if applicable** | Urban Design Guidelines |
| **Semester(s) in which the module is taught** | 7th Semester |
| **Person responsible for the module** | Mochamad Yusuf, ST, M.Sc |
| **Lecturer** | Ardy Maulidy Navastara ST., MT. |
| **Language** | Indonesian, English |
| **Relation to curriculum** | Electives Courses for undergraduate program in Urban and Regional Planning |
| **Type of teaching, contact hours** | M1: Group discussion<br>M3: Case study<br>M6: Project-based learning<br><br>Lecture (Face to face lecture):<br>2.5 hours x 14 weeks<br>35 hours per semester |
| **Workload** | Electives (3 SKS)<br>Class: 2.5 hours x 14 weeks = 35 hours<br>Structured activities: 4 hours x 14 weeks = 56 hours<br>Independent Study: 3 hours x 14 weeks = 42 hours<br>Exam: 1.5 hours x 4 time = 6 hours<br>Total = 133 hours |
| **Credit points** | 3 SKS ~ 4.8 ECTS |
| **Requirements according to the examination regulations** | Registered in this course<br>Minimum 80% attendance in this course |
| **Recommended prerequisites** | 1. Urban design |
| **Module objectives/intended learning outcomes** | ***Knowledge:***<br>1. Able to understand spatial and non spatial planning methods in decision making in the field of regional and city planning<br>2. Able to apply plan formulation techniques and develop alternative spatial/spatial models through qualitative and quantitative approaches in the form of scenarios for regulating spatial |

| | |
|---|---|
| | patterns and spatial structures of cities, regions, and coastal areas.<br>3. Able to analyze the potential and problems of spatial and non spatial contexts of cities, regions, and coastal areas through analysis of the interrelationship of aspatial and spatial aspects.<br>4. Able to develop planning concepts and plan directions through the study of strategic problems in the context of cities, regions, and coastal areas by understanding planning problems through observation and utilization of physical/spatial, social, economic and environmental data.<br>***Advanced skills*:**<br>1. Students are able to understand the principles of building and environmental planning in regional and urban planning<br>2. Students are able to analyze spatial characteristics within the scope of building and environmental planning<br>3. Students are able to understand problems in buildings and the environment through field observations<br>4. Students are able to apply aspects of urban studies, spatial science, computer application, environmental management and infrastructure systems in the arrangement of buildings and the environment<br>5. Students are able to manage physical, environmental and social data by utilizing ICT<br>6. Students are able to formulate building and environmental design models through qualitative and quantitative approaches<br>7. Students are able to apply design analysis techniques in the arrangement of buildings and the environment<br>8. Students are able to formulate concepts and plan directions in the arrangement of buildings and the environment |
| **Content** | 1. Building and Environmental Planning understanding<br>2. Building and Environmental Planning formation survey stages<br>3. Building and Environmental Planning management visions<br>4. Planning area analysis<br>5. Design development<br>6. Design instruction development<br>7. Structure of space allocation<br>8. Intensity of space utilization |

<table>
<tr><td></td><td>9. Environmental quality<br>10. Infrastructure and utilities<br>11. Building and Environmental Planning investment plan<br>12. Building and Environmental Planning controlling Strategy<br>13. Building and Environmental Planning Implementation<br>14. Communicate planning ideas verbally and visually</td></tr>
<tr><td>Study and examination requirements and forms of examination</td><td>4 assessments:
<table>
<tr><th>Evaluation</th><th>Method</th><th>Weight</th></tr>
<tr><td>1</td><td>Compilation of design element data</td><td>20%</td></tr>
<tr><td>2</td><td>Design Analysis</td><td>20%</td></tr>
<tr><td>3</td><td>Building and Neighborhood Plan</td><td>30%</td></tr>
<tr><td>4</td><td>Take home test</td><td>30%</td></tr>
</table>
1. Compilation of design element data<br>2. Design Analysis<br>3. Building and Neighborhood Plan<br>4. Take home test – week 7</td></tr>
<tr><td>Media employed</td><td>Classical teaching tools with white board and power point presentation, audiovisual, zoom meeting, ITS online classroom.</td></tr>
<tr><td>Reading list</td><td>Main reference:<br>1. Rulli Pratiwi Setyawan dan Heru Purwadio (2015). “Diktat Dasar-dasar RTBL”.<br>2. Kementerian Pekerjaan Umum (2007). “Pedoman Umum RTBL”<br>Supporting reference:<br>1. Shirvani, H. (1985). The urban design process. Van Nostrand Reinhold Company.<br>2. Lynch, K. (1964). The image of the city. MIT press<br>3. Various examples of Building and Neighborhood Planning works</td></tr>
</table>