CP234741 - Project Management

Module Name	Project Management
Module level, if applicable	Advance BoURP
Code, if applicable	CP234741
Subtitle, if applicable	-
Course, if applicable	Project Management
Semester(s) in which the module is taught	7th Semester
Person responsible for the module	Dr. Prananda Navitas, ST., M.Sc.
Lecturer	1. Dr. Prananda Navitas, ST., M.Sc 2. M. Yusuf, 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 M3: Case study M7: Problem-based learning Lecture (Face to face lecture): 2.5 hours x 14 weeks 35 hours per semester
Workload	Electives (3 SKS) Class: 2.5 hours x 14 weeks = 35 hours Structured activities: 4 hours x 14 weeks = 56 hours Independent Study: 3 hours x 14 weeks = 42 hours Exam: 1.5 hours x 4 time = 6 hours Total = 133 hours
Credit points	3 SKS ~ 4.8 ECTS
Requirements according to the examination regulations	Registered in this course Minimum 80% attendance in this course
Recommended prerequisites	-
Module objectives/intended learning outcomes	***Knowledge:*** 1. Students are able to understands the theoretical concepts of regional and city planning in aspects of urban studies, regional studies, coastal studies, spatial science, planning science, data science, built environment design, infrastructure and transportation systems, environmental

	management, social systems, economics, management studies, and research/projects 2. Students are able to understand spatial and non spatial planning methods in decision making in the field of urban and regional planning 3. Students are able to compile planning concepts and plan directions through the study of strategic problems in the context of cities, regions, coastal areas with an understanding of planning problems through observation and utilization of physical/spatial, social, economic and environmental data 4. Students are able to compile spatial plans and evaluations that are creative, innovative, sustainable, and accommodate public interests whose results are assessed against planning rules and theories and communicate them visually, verbally and in writing that can be academically accountable. 5. Students are able to demonstrate the professional skills needed to be effective and successful in the world of work, including the ability to work well in multidisciplinary groups, excellence, strong leadership, synergy, and other potentials to achieve maximum results, as well as the ability to communicate effectively and uphold ethics, norms, and values in planning practice and professionalism. ***Special skills*:** 1. Students are able to understand the process, principles, cycle and management in project management in the field of spatial planning. 2. Students are able to understand the process, stages and application of spatial planning preparation in project management of spatial planning work. 3. Students are able to prepare technical proposals (proposals) in spatial planning work projects (procurement of goods / services). 4. Students are able to prepare project management proposals. 5. Students are able to master project management strategies and tools to become a project manager. ***General skills:*** 1. Students are able to communicate strategies and tools for managing a project visually, verbally and in writing based on ICT.

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<tr><td></td><td>Attitude:
1. Teamwork
2. Leadership
3. Responsibility</td></tr>
<tr><td>Content</td><td>1. Definition and Concepts of project management in the scope of urban and regional planning (spatial planning)
2. Feasibility Study
3. Terms of Reference (TOR)
4. Technical Proposal (USTEK)
5. Consulting Services (Project) in the field of Urban and Regional Planning
6. Processes and Stages of Project Management in Urban and Regional Planning
7. Tools of Project Management in Urban and Regional Planning
8. Financing of Spatial Planning Project and Project Financial Management
9. Opportunities and Challenges in Urban and Regional Planning Project Management</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>QUIZ 1</td><td>20%</td></tr><tr><td>2</td><td>QUIZ 2</td><td>20%</td></tr><tr><td>3</td><td>Preliminary Report</td><td>40%</td></tr><tr><td>4</td><td>Presentation</td><td>20%</td></tr></table>
1. Quiz – week 7 & 15
2. Preliminary Report – week 16
3. Presentation – week 15-16</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:
1. Duncan, W.R. (1996). A GUIDE TO THE PROJECT MANAGEMENT BODY OF KNOWLEDGE.
2. Hornwall, J. (2020). Project Management. Integrating Sustainability Into Major Projects.
3. Nicholas, J.M., & Steyn, H. (2017). Project Management for Engineering, Business and Technology.
4. Rose, K.H. (2013). A Guide to the Project Management Body of Knowledge (PMBOK® Guide)—Fifth Edition. Project Management Journal, 44
5. Thakkar, J.J. (2022). Project Management. Management and Industrial Engineering.</td></tr>
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	Supporting reference: 1. Bjorvatn, T., & Wald, A.E. (2018). Project complexity and team-level absorptive capacity as drivers of project management performance. International Journal of Project Management. 2. Joslin, R., & Müller, R. (2015). Relationships Between a Project Management Methodology and Project Success in Different Project Governance Contexts. Project Management Methodologies, Governance and Success. 3. Lyneis, J.M., & Ford, D.N. (2007). System Dynamics Applied to Project Management: A Survey, Assessment, and Directions for Future Research. System Dynamics. 4. Martens, M.L., & Carvalho, M.M. (2017). Key factors of sustainability in project management context: A survey exploring the project managers' perspective. International Journal of Project Management, 35, 1084-1102. 5. Tereso, A., Ribeiro, P., Fernandes, G., Loureiro, I.F., & Ferreira, M. (2018). Project Management Practices in Private Organizations. *Project Management Journal, 50*, 22 - 6.