

CP234529 – Research Methodology

Module Name	Research Methodology
Module level, if applicable	Basic BoURP
Code, if applicable	CP234529
Subtitle, if applicable	-
Course, if applicable	Research Methodology
Semester(s) in which the module is taught	5 th Semester
Person responsible for the module	Dr. Cahyono Susetyo, S.T., M.Sc
Lecturer	Hertiari Idajati, ST, M.Sc
Language	Indonesian, English
Relation to curriculum	Compulsory Courses for undergraduate program in Urban and Regional Planning
Type of teaching, contact hours	M1: Group discussion M3: Case study Lecture (Face to face lecture): 2.5 hours x 14 weeks 35 hours per semester
Workload	Regular (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	General knowledge: 1. Able to understand the theoretical concepts of urban and regional planning in the aspects of urban studies, regional studies, coastal studies, spatial science, planning science, data science, built environment design, infrastructure and transportation systems, environmental

	<p>management, social systems, economics, study management, and research /project</p> <ol style="list-style-type: none"> 2. Able to understand spatial and non-spatial planning methods in making decisions in the field of urban and regional planning 3. Able to understand the techniques and processes of urban and regional planning qualitatively, quantitatively, and spatial modeling (geographical information systems) and presentation techniques <p>Specific knowledge:</p> <ol style="list-style-type: none"> 1. Able to explain basic principles of research 2. Able to formulate problems, objectives, and systematic research 3. Able to conduct studies and syntheses from relevant literature and research cases 4. Able to apply methods in research and appropriate analytical techniques 5. Able to prepare research proposals and reports 															
Content	<ol style="list-style-type: none"> 1. Basic principal of research 2. Formulating problems, objectives, and research systematics 3. Literature syntheses and study case review 4. Application of research methods and techniques 5. Preparation of proposals and research reports 															
Study and examination requirements and forms of examination	<p>4 assessments:</p> <table border="1" data-bbox="711 1176 1278 1615"> <thead> <tr> <th>Evaluation</th> <th>Method</th> <th>Weight</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Section 1 Research proposal</td> <td>20%</td> </tr> <tr> <td>2</td> <td>Section 2 Research proposal</td> <td>20%</td> </tr> <tr> <td>3</td> <td>Section 3 Research proposal</td> <td>20%</td> </tr> <tr> <td>4</td> <td>Peer Review per Group</td> <td>40%</td> </tr> </tbody> </table> <ol style="list-style-type: none"> 1. <i>Section 1 Research proposal - week 6</i> 2. <i>Section 2 Research proposal - week 9</i> 3. <i>Section 3 Research proposal - week 12</i> 4. <i>Peer Review per Group - week 16</i> 	Evaluation	Method	Weight	1	Section 1 Research proposal	20%	2	Section 2 Research proposal	20%	3	Section 3 Research proposal	20%	4	Peer Review per Group	40%
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1	Section 1 Research proposal	20%														
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Media employed	Classical teaching tools with Arcgis, Ms, Excel, Ppt, Ms. Word, LCD, Web Cam.															

<p>Reading list</p>	<p>Main reference:</p> <ol style="list-style-type: none"> 1. John W. Creswell (2017). <i>Research Design: Qualitative, Quantitative and Mixed Methods Approaches</i>, Sage Publication Inc, USA. 2. Make Lambert (2019). <i>Practical Research Methods in Education: An Early Researcher's Critical Guide</i>, Routledge, London 3. Rimadewi, Dkk. (2013). <i>Diklat Metodologi Penelitian. Kualitatif</i>. PWK-ITS <p>Supporting reference:</p> <ol style="list-style-type: none"> 1. Bernard, H. Russell (2000). <i>Social Research Methods: Qualitative and Quantitative Approaches</i>, Sage Publication Inc, USA. 2. Arikunto, Suharsimi (2002), <i>Prosedur Penelitian: Suatu Pendekatan Praktek</i>, Rineka Cipta, Jakarta. 3. Koentjaraningrat (1997). <i>Metode-Metode Penelitian Masyarakat</i>, Gramedia, Jakarta. 4. Brannen, Julia (1997). <i>Memadu Metode Penelitian Kualitatif & Kuantitatif</i>. Pustaka Perajar, Yogyakarta. 5. Suriasumantri, Jujun,S (1994). <i>Ilmu Dalam Perspektif</i>, Yayasan Obor Indonesia 6. Singarimbun, Masri dan Effendi, Sofian (1995). <i>Metode Penelitian Survei</i>, PT. Pustaka LP3ES, Jakarta. 7. Djunaedi, Achmad (2000). <i>Metodologi Penelitian</i>. Program Pasca Sarjana UGM Yogyakarta.
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