

Module Description

Module name	Planning/Research LBE Studio of Infrastructure and Transportation
Module level, if applicable	-
Code, if applicable	456D5235
Subtitle, if applicable	-
Courses, if applicable	Infrastructure and Transportation
Semester(s) in which the module is taught	7
Person responsible for the module	Prof Dr Ing. M. Yamin Jinca MS.Tr
Lecturer	<ol style="list-style-type: none"> 1. Prof Dr Ing. M. Yamin Jinca MS.Tr 2. Dr. Techn. Yashinta Kumala Dewi S, ST.,MIP 3. Ir. Muh. Fathien Azmy, M.Si
Language	Bahasa Indonesia
Relation to curriculum	This course is a compulsory subject which is presented in the fourth year/ seventh semester. This LBE objective is to equip the student with the knowledge and skill on urban/regional infrastructure development planning. The studio starts with case and topic determination, followed by data collecting, analysis, and plan making.
Type of teaching, contact hours	The LBE Infrastructure and transportation course is conducted using self-directed learning method. Students are asked to prepare a final project proposal consisting of Chapter 1 (introduction), Chapter 2 (theoretical study), Chapter 3 (research/planning method), Chapter 4 (overview of the research area), and data album. Every week, students present the progress of their work.
Workload	This course consists of 5 credit points (CP) in one meeting/week. Lectures are carried out for 14 weeks/sessions and evaluation for 2 weeks/sessions. 1 CP depends on the type of subject: <ol style="list-style-type: none"> a. 50 minutes classroom meeting (face-to-face) + 60 minutes of assignments/tutorials + 60 minutes of self-study b. Seminar/presentation includes 100 minutes face to face + 70 minutes independent activities.
Credit points	5
Requirements according to the examination regulations	The number of student attendance is at least 80% of the total meeting.
Recommended prerequisites	Studio of Planning and Development 1-5.
Module objectives/intended learning outcomes	<p>CLO 1. Students are able to develop logical, systematic and understand the knowledge about theories, concepts, subject matter and infrastructure planning cases (supports ILO 1, PI-2/3);</p> <p>CLO 2. Students are able to conduct surveys to collect data and to identify issues, analyze data related to Infrastructure (supports</p>

	<p>ILO 2, PI-2/4, ILO 3, PI-2/3);</p> <p>CLO 3. Students are able to formulate creative planning or research concepts for urban and regional planning in solving problems, right on target based on applicable theories, principles and regulations (supports ILO 2, PI-3/4, ILO 3, PI-3/3).</p> <p>The following table is mapping of the ILO and CLO in this course:</p> <table border="1" data-bbox="738 457 1312 583"> <tr> <td></td> <td>ILO 1</td> <td>ILO 2</td> <td>ILO 3</td> </tr> <tr> <td>CLO 1</td> <td>x</td> <td></td> <td></td> </tr> <tr> <td>CLO 2</td> <td></td> <td>x</td> <td>x</td> </tr> <tr> <td>CLO 3</td> <td></td> <td>x</td> <td>x</td> </tr> </table>		ILO 1	ILO 2	ILO 3	CLO 1	x			CLO 2		x	x	CLO 3		x	x														
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Content	<p>During the studio, students are asked to elaborate the topic into detailed infrastructure plan objectives and targets. These targets will be the base for data and analytical method selection. Studio would not only focus on substantive aspect of the plan but also focus on student skill development. Furthermore, presentation and discussion skills are also important target of student achievement.</p>																														
Study and examination requirements and forms of examination	<p>This course will be graded as follows:</p> <ol style="list-style-type: none"> Weekly tasks Final report/ thesis proposal <table border="1" data-bbox="690 926 1360 1310"> <thead> <tr> <th>Percentage of Achievement</th> <th>Grade</th> <th>Conversion Value</th> </tr> </thead> <tbody> <tr> <td>85 – 100</td> <td>A</td> <td>4.00</td> </tr> <tr> <td>80 - <85</td> <td>A-</td> <td>3.75</td> </tr> <tr> <td>75 - < 80</td> <td>B+</td> <td>3.5</td> </tr> <tr> <td>70 - < 75</td> <td>B</td> <td>3.0</td> </tr> <tr> <td>65 - < 70</td> <td>B-</td> <td>2.75</td> </tr> <tr> <td>60 - < 65</td> <td>C+</td> <td>2.5</td> </tr> <tr> <td>50 - < 60</td> <td>C</td> <td>2.00</td> </tr> <tr> <td>40 - < 50</td> <td>D</td> <td>1.00</td> </tr> <tr> <td>< 40</td> <td>E</td> <td>0.00</td> </tr> </tbody> </table>	Percentage of Achievement	Grade	Conversion Value	85 – 100	A	4.00	80 - <85	A-	3.75	75 - < 80	B+	3.5	70 - < 75	B	3.0	65 - < 70	B-	2.75	60 - < 65	C+	2.5	50 - < 60	C	2.00	40 - < 50	D	1.00	< 40	E	0.00
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Media employed	SIKOLA and Zoom																														
Reading list	<p>Books:</p> <ol style="list-style-type: none"> ADB Report, Developing Best Practice for Promoting Private Sector Investment in Infrastructure, ADB 2000 Location in Space, Theoretical Perspectives & Economic Geography, Peter Dickens, Peter E. Lloyd, Harper Collins, 1990 Integrated Urban Infrastructure Development in Asia, Kulwant Singh-Florian Steinberg Nathaniel von Einsiedel, Oxford, 1996 Metode Penelitian Survei, Masri Singarimbun dan Sofian Effendi. Jakarta, 1982 Target Setting for the Basic Needs, Richards and M.D. Leonor, ILO 1992 <p>Others:</p> <ol style="list-style-type: none"> Final Project Guidelines. Hasanuddin University Infrastructure Regulation. 																														