

Module Description

Module name:	Ecology of Waterfront Areas
Module level, if applicable	-
Code, if applicable	220D5223
Subtitle, if applicable	-
Courses, if applicable	Ecology of Waterfront
Semester(s) in which the module is taught	4
Person responsible for the module	Sri Aliah Ekawati, S.T., M.T.
Lecturer	<ol style="list-style-type: none"> 1. Dr. Hj. Ir. Mimi Arifin, M.Si 2. Dr. Eng. Abdul Rachman Rasyid, S.T., M.Si 3. Dr. Wiwik Wahidah Oesman, S.T., M.T 4. Sri Aliah Ekawati, S.T., M.T.
Language	Bahasa Indonesia
Relation to curriculum	This course is a compulsory subject which is presented in the second year/fourth semester. This course focuses on studying environmental issues, especially in waterfront areas, and their impact on the development of coastal areas.
Type of teaching	This course applies two forms of learning methods: interactive lectures and project-based learning. The interactive lecture method is used in studying coastal environmental theories. Meanwhile, the project-based learning method is used to practice developing planning concepts to solve ecological issues in coastal areas.
Workload	This course consists of 3 credits in one meeting/ week (1 credit consists of 50 minutes of face-to-face, 60 minutes of assignments/tutorials, and 60 minutes of self-study).
Credit points	3
Requirements according to the examination regulations	The number of student attendance is at least 80% of the total meeting.
Recommended prerequisites	-
Module objectives/intended learning outcomes	<p>CLO 1. Students master ecological theories in waterfront areas and their relation to waterfront planning (supports ILO 1, PI-2/3);</p> <p>CLO 2. Students are able to identify issues related to ecology, collect data and analyze data based on ecological theories (supports ILO 2, PI-3/4);</p> <p>CLO 3. Students are able to develop concepts to solve ecological issues in coastal areas (supports 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="610 254 1471 401"> <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></td> </tr> <tr> <td>CLO 3</td> <td></td> <td></td> <td>x</td> </tr> </table>		ILO 1	ILO 2	ILO 3	CLO 1	x			CLO 2		x		CLO 3			x														
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<p>Content and relation to the studio works</p>	<p>This course discusses theories related to ecology, especially in waterfront areas and their application in planning. Planning is then carried out with the aim of improving the quality of the biotic and abiotic environment in the waterfront area.</p> <p>Ecology of Waterfront Area Course supports Urban Planning Studio. This course studies waterfront ecosystem, both in the water zone and in the land zone. Not only from physical aspects, this course also explores community activities in order to plan and to develop sustainable waterfront. This course also discusses the impact occurs from human activities in waterfront area. The linkage of this course and Urban Planning Studio can be seen from the assignment. The assignment from Ecology of Waterfront Area Course is to identify environmental issues and potential, as well as human activities. This course has same study location with Urban Planning Studio's study location. The results of this course, become the starting point for waterfront city planning, especially environmentally friendly infrastructure planning.</p>																														
<p>Study and examination requirements and forms of examination</p>	<p>This course will be graded as follows:</p> <ol style="list-style-type: none"> 1. Midterms Exam (30%) 2. Final Exam (35%) 3. Quiz (15%) 4. Task (20%) <table border="1" data-bbox="703 1209 1373 1591"> <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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<p>Media employed</p>	<p>SIKOLA, Zoom</p>																														
<p>Reading list</p>	<ol style="list-style-type: none"> 1. Muhtadi, A., Cordova, M. R., Rahmawati, A., dan Yulma, Y. 2017. Ekosistem Pesisir dan Laut Indonesia. Jakarta: PT. Bumi Aksara 2. Utina, T., Nusantari, E., Katili, A. S., dan Tamu, Y. 2017. Ekosistem dan Sumber Daya Pesisir. Jakarta: Deepublish 																														