



Bachelor Program in Geophysics

Faculty of Mathematics and Natural Sciences

HASANUDDIN UNIVERSITY

33. Coastal and Marine Management

Module Name	:	Coastal and Marine Management
Module Level	:	Bachelor
Code, if applicable	:	23H06132402
Subtitle, if applicable	:	-
Courses, if applicable	:	Coastal and Marine Management
Semester(s) in which the module is taught	:	V (Fifth Semester)
Module coordinator(s)	:	Dr. Eng. Amiruddin, S.Si., M.Si.
Lecturer(s)	:	Dr. Eng. Amiruddin, S.Si., M.Si.
Language	:	Bahasa (Indonesian language)
Relation to curriculum	:	Elective course in the third year for Bachelor Degree in Geophysics
Type of teaching, contact hours	:	This course is delivered through Lectures (i.e., Project/Case-based learning), complemented by structured assignments (paper review, project/case evaluation) and independent study. Contact hours consist of 100 minutes lectures per week, plus 120 minutes per week for each of the following: structured assignments and independent study
Workload	:	Total workload is 90 hours per semester, consisting of 28 hours for lectures, and 31 hours each for structured assignments and independent study
Credit points	:	2 SKS (3.2 ECTS)
Requirements according to the examination regulations	:	Students are eligible to attend the examination if their absences are less than 20% of the lectures
Recommended prerequisites	:	-
Module objectives/intended learning outcomes	:	After completion of this module, students will be able to: CLO 1. Master the concepts and definitions of management, utilization and development of coastal and marine areas integrated and sustainable; CLO 2. Understand zoning for managing coastal and marine areas; CLO 3. Able to analyze the concept of control rights for coastal waters and small islands.



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		CLO 4. Able to analyze sediment transport in coastal waters and small islands The following is the mapping of the ILO and the CLO of this course: <table> <tr> <td></td><td>ILO 7</td><td>ILO 13</td></tr> <tr> <td>CLO 1</td><td>✓</td><td></td></tr> <tr> <td>CLO 2</td><td>✓</td><td></td></tr> <tr> <td>CLO 3</td><td></td><td>✓</td></tr> <tr> <td>CLO 4</td><td></td><td>✓</td></tr> </table>		ILO 7	ILO 13	CLO 1	✓		CLO 2	✓		CLO 3		✓	CLO 4		✓						
	ILO 7	ILO 13																					
CLO 1	✓																						
CLO 2	✓																						
CLO 3		✓																					
CLO 4		✓																					
Content	:	- Coastal and marine area management, - Coastal and marine area development policy, - Potential and issues in coastal and marine area development, - Utilization and management of small islands and surrounding waters, - Physical conditions of coastal waters and small islands, - Sediment transport in coastal waters and small islands, - Development of coastal waters and small islands as strategic areas.																					
Study and examination requirements		Participants are marked based on their performance in theory: Case Study (100%). Students are marked based on their percentage of points obtained and based on the following grade scale: <table> <tr> <th>Percentage of Achievement</th><th>Grade</th><th>Conversion Value</th></tr> <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> </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
Percentage of Achievement	Grade	Conversion Value																					
85 – 100	A	4.00																					
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70 - < 75	B	3.0																					
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60 - < 65	C+	2.5																					



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			50 - < 60	C	2.00	
			40 - < 50	D	1.00	
			< 40	E	0.00	
Exams and assessment formats		Assessment in this course is conducted entirely through case studies, designed to evaluate both theoretical understanding and practical application of all the CLOs. This work is developed over several weeks under instructor guidance, culminating in a written report and an oral presentation of results.				
Reading list		1. Dahuri, R., Jacub Rais, Sapta Putra Ginting, dan M.J. Sitepu. 2001. Pengelolaan Sumberdaya Wilayah Pesisir dan Lautan secara Terpadu. PT Pradnya Paramita, Jakarta				
Last revision date		July 1 st , 2025				