



THE MODULE HANDBOOK

Magister Biology Study Program

FACULTY OF BIOLOGY

MARINE BIOTA

Course code	BIMB202126
Course level	Magister
Semester/ term	Odd/even
Course coordinator(s)	Zuliyati Rohmah, S.Si., M.Si., Ph.D.
Lecture(s)	1. Zuliyati Rohmah, S.Si., M.Si., Ph.D. 2. Dr. Eko Agus Suyono, M.App.Sc. 3. Abdul Razaq Chasani, S.Si., M.Si., Ph.D.
Language	Indonesian/English
Classification within the Curriculum	Compulsory
Teaching format/ class hours per week during the semester	This course is organised into 4 parallel classes and planned to have 14 teaching weeks and 2 weeks of examination.
Workload	Estimated working hour: 3credits of theory and 1 credit of laboratory work.
Credits	2-0 credits
Requirements	-
Program Learning Outcome	AT1. contribute in improving the quality of life of society, nation, state, and the development of civilization based on Pancasila; GS2. make decisions in solving biological problems based on analytical or experimental studies and critical analysis of information and data; SK2. solve problems related to biological resources through an inter- and / or multidisciplinary approaches beneficial to society and scientific community
Course Learning Outcome	CPMK1. Students will be able to explain the meaning of marine biology and its scope; realize the importance of the sea for human life. CPMK2. Student will be able to distinguish marine zones and give examples of the biota in each zone CPMK3. Students will be able to distinguish and explain marine ecotypes, its characteristics, and the biota that live in it.
Course Description	Marine Biota course is a study about the meaning of Marine Biology and the scope of study, the physical and chemical



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	properties of water and its role in the survival of organisms, the composition of the forming oceanic plates and continental plates and their role in the formation of the current physical condition of the ocean; the physical properties of the sea and its distribution both horizontally and vertically. Furthermore, the composition of marine biota in general, primary productivity in the sea and marine ecosystem zoning will be introduced. After knowing these basic concepts, students can also understand the diversity of marine ecosystems and can understand and mention the characteristics and peculiarities of each particular marine ecotype.																																			
Assessments	<table border="1"><thead><tr><th>Assessment component</th><th>Percentage</th><th>CPM K 1</th><th>CP MK 2</th><th>CP MK 3</th></tr></thead><tbody><tr><td>Practical Project</td><td>25</td><td>✓</td><td>✓</td><td>✓</td></tr><tr><td>Assignment</td><td>15</td><td>✓</td><td></td><td>✓</td></tr><tr><td>Presentation</td><td>20</td><td>✓</td><td>✓</td><td>✓</td></tr><tr><td>Quiz</td><td>10</td><td></td><td>✓</td><td>✓</td></tr><tr><td>Midterm exam</td><td>15</td><td></td><td>✓</td><td>✓</td></tr><tr><td>Final exam</td><td>15</td><td></td><td>✓</td><td>✓</td></tr></tbody></table>	Assessment component	Percentage	CPM K 1	CP MK 2	CP MK 3	Practical Project	25	✓	✓	✓	Assignment	15	✓		✓	Presentation	20	✓	✓	✓	Quiz	10		✓	✓	Midterm exam	15		✓	✓	Final exam	15		✓	✓
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Study Media	Youtube, Power Points, ebooks, website																																			
Literature	<ol style="list-style-type: none">1. Marine Biology: A Very Short Introduction (2nd ed.). Philip V. Mladenov 2020.2. The Ocean of Life: The Fate of Man and the Sea. Callum Roberts. 2012																																			