



MODULE HANDBOOK

Module name	Ecosystem Diversity
Module level, if applicable	Bachelor
Code, if applicable	1762219
Courses, if applicable	Ecosystem Diversity
Semester(s) in which the module is taught	6th (Sixth)
Person responsible for the module	Dr. Dwi Suheriyanto, M.P
Lecturers	<ol style="list-style-type: none"> 1. Dr. Dwi Suheriyanto, M.P. 2. Muhammad Asmuni Hasyim, M.Si. 3. Bayu Agung Prahardika, M.Si. 4. Berry Fakhry Hanifa M.Sc.
Language	Bahasa Indonesia
Relation to curriculum	Compulsory course in the third year (6 th semester) bachelor's degree
Type of teaching, contact hours	100 minutes lectures and 120 minutes structured activities per week
Workload	<p>Workload 2 SKS</p> <p>Face to face method (2 sks)</p> <p>Consists of 100 minutes lectures, 120 minutes self- study and 120 minutes structured activity per week for 16 weeks, (5440 minutes = 90,6 hours) equivalent to 3,2 ECTS</p> <p>The total workload is 3,2 ECTS</p>
Credit points	2
Requirements according to the examination regulations	Students are required to fulfill 80% class attendance
Recommended prerequisites	Not the requirement to take the course.
Module objectives/intended learning outcomes	<p>After completing this course, the students should have ability to:</p> <ol style="list-style-type: none"> 1. Students are able to understand the diversity that exists at the ecosystem level 2. Students are able to determine ecosystem services, the differences between rural and urban ecosystems, natural ecosystems and artificial ecosystems, and the types of ecosystems that exist on earth 3. Students are able to solve changes and problems related to ecosystem diversity through an Islamic approach
Content	<ol style="list-style-type: none"> 1. Ecosystem Services 2. Rural Ecosystem 3. Urban Ecosystem 4. Ecosystem Type 5. Forest Ecosystem 6. Agroecosystem 7. Grasslands Ecosystem 8. Desert Ecosystem 9. Taiga and Tundra Ecosystems 10. Freshwater Ecosystem 11. Brackish Water Ecosystem 12. Seawater Ecosystems 13. Ecosystem Change



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<p>Study and examination requirements and forms of examination</p>	<p>The final mark will be weighted as follows:</p> <table border="1"> <thead> <tr> <th>No.</th> <th>Assessment Methods</th> <th>Weight (percentage)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Final examination</td> <td>25%</td> </tr> <tr> <td>2</td> <td>Mid-Term Examination</td> <td>25%</td> </tr> <tr> <td>3</td> <td>Quiz, Homework</td> <td>50%</td> </tr> </tbody> </table> <p>The final grade will be determined as follows:</p> <table border="1"> <thead> <tr> <th>Range</th> <th>Grade</th> </tr> </thead> <tbody> <tr> <td>[85 - 100]</td> <td>A</td> </tr> <tr> <td>[75 - 85)</td> <td>B+</td> </tr> <tr> <td>[70 - 75)</td> <td>B</td> </tr> <tr> <td>[65 - 70)</td> <td>C+</td> </tr> <tr> <td>[60 - 65)</td> <td>C</td> </tr> <tr> <td>[50 - 60)</td> <td>D</td> </tr> </tbody> </table>	No.	Assessment Methods	Weight (percentage)	1	Final examination	25%	2	Mid-Term Examination	25%	3	Quiz, Homework	50%	Range	Grade	[85 - 100]	A	[75 - 85)	B+	[70 - 75)	B	[65 - 70)	C+	[60 - 65)	C	[50 - 60)	D
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<p>Media employed</p>	<p>Whiteboard, Projector, Laptop, Power point</p>																										
<p>Reading List</p>	<ol style="list-style-type: none"> 1. Begon, M., Townsend, C.R., Harper, J.L. 2006. Ecology: from individuals to ecosystems. Fourth Edition. Malden: Blackwell Publishing Ltd. 2. Fachrul, M.F. 2007. Metode Sampling Bioekologi. Jakarta: PT. Bumi Aksara. 3. Jarwis, P.J. 2000. Ecological Principles and Environmental Issues. England: Pearson Education Limited. 4. Odum, E.P. 1998. Dasar-dasar Ekologi. Edisi Ketiga. Penerjemah: Tjahyono Samingan, Yogyakarta: Gadjah Mada University Press. 5. Schulze, E.D., Beck, E. and Muller-Hohenstein, K. 2005. Plant Ecology. Germany: Spinger. 6. Suheriyanto, D. 2008. Ekologi Serangga. Malang: UIN-Malang Press. 7. Southwood, T.R.E. and Henderson, P.A. 2000. Ecological Methods. Third Edition. London: Blackwell Science. 8. Suin, N. M. 2003. Ekologi Hewan Tanah. Jakarta: PT. Bumi Aksara. 																										

PLO and CO Mapping ([The PLO is available on s.id/KodeDeskripsi](#) at "PLO" sheet)

	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9
CO 1		V							
CO 2			V						
CO 3			V						