

Undergraduate Programme in Biology

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MODULE HANDBOOK

Module Name	Mycology										
Module level, if applicable	Bachelor										
Code, if applicable	BIO425030										
Subtitle, if applicable	-										
Courses, if applicable	-										
Semester(s) in which the module is taught	5 th (fifth)										
Person responsible for the module	Lela Susilawati, PhD										
Lecturer(s)	Agessty Ika Nurulita, M.Sc										
Language	Indonesia										
Relation to curriculum	Elective course in the third year (5 th semester) Bachelor Degree										
Type of teaching, contact hours	100 minutes lectures, 120 minutes structured activities, 120 minutes self-learning and 170 minutes practical lab per week.										
Workload	Total workload = 136 hours/semester (total for 16 weeks/semester, including mid-term and final term) Lectures = 100 minutes/week Structured activities. = 120 minutes/week Self-learning. = 120 minutes/week Practical lab. = 170 minutes/week										
Credit points	3 credits (4,5 ECTS)										
Requirements according to the examination regulations	Minimal attendance 75%;										
Recommended prerequisites	No prerequisites stated on										
Module objectives/intended learning outcomes	After completing this course, the students: 1. able to describe morphological structure, the nutrients needed and the factor that influence fungi growth 2. able to compare life cycle, reproduction cycle of fungi and biodiversity of fungi 3. able to analyse application and role of fungi in nature and many areas 4. able to practice the basic techniques of mycological studies										
Content	This course studies the biological aspects of fungi which include general characteristics of fungi, nutrition requirement, metabolism, growth, reproduction, classification, interaction, and fungal application in many areas.										
Study and examination requirements and forms of examination	The final mark will be weighted as follows: <table border="1" data-bbox="550 1859 1492 2016"> <thead> <tr> <th>NO</th><th>Assessment methods (components, activities)</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> </tbody> </table>		NO	Assessment methods (components, activities)	Weight (percentage)	1	Final Examination	25%	2	Mid-Term Examination	25%
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1	Final Examination	25%									
2	Mid-Term Examination	25%									

	3	Class Activities : Quiz, Homework, etc.				20%																																									
	4	Practical lab report				30%																																									
	The final assessment is expressed in the form of a letter value converted from a number value with the following categories:																																														
	<table><tr><th>NO</th><th>Number Value</th><th>Letter Value</th><th>NO</th><th>Number Value</th><th>Letter Value</th></tr><tr><td>1</td><td>≥ 95</td><td>A</td><td>7</td><td>65-69.99</td><td>B/C</td></tr><tr><td>2</td><td>90-94.99</td><td>A-</td><td>8</td><td>60-64.99</td><td>C+</td></tr><tr><td>3</td><td>85-89.99</td><td>A/B</td><td>9</td><td>55-59.99</td><td>C</td></tr><tr><td>4</td><td>80-84.99</td><td>B+</td><td>10</td><td>50-54.99</td><td>C-</td></tr><tr><td>5</td><td>75-79.99</td><td>B</td><td>11</td><td>55-34.99</td><td>D</td></tr><tr><td>6</td><td>70-74.99</td><td>B-</td><td>12</td><td><35</td><td>E</td></tr></table>					NO	Number Value	Letter Value	NO	Number Value	Letter Value	1	≥ 95	A	7	65-69.99	B/C	2	90-94.99	A-	8	60-64.99	C+	3	85-89.99	A/B	9	55-59.99	C	4	80-84.99	B+	10	50-54.99	C-	5	75-79.99	B	11	55-34.99	D	6	70-74.99	B-	12	<35	E
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Media employed	White-board, LCD Projector, e-learning (https://daring.uin-suka.ac.id/)																																														
Reading list	<ol style="list-style-type: none">1. Deacon, Jim. 2006. Fungal Biology. Blackwell Publishing: Australia.2. Webster J, Weber RWS. 2007. Introduction to Fungi. Cambridge University Press: New York.3. Michael T. Madigan, Kelly S. Bender, Daniel HB., Matthew Sattley, David, A.Stahl. 2019. Brock Biology of Microorganisms. 15th edition. Pearson Education. London.4. Watkinson SC, Boddy L, Money NP. 2016. The Fungi Third Edition. Academic Press: United Kingdom5. Stephenson SL. 2010. The Kingdom Fungi. Timber Press, Inc: United Kingdom6. Petersen JH. 2007.The Kingdom of Fungi. Princeton University Press: United Kingdom																																														

PLO and CO Mapping

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11
CO 1					√						
CO 2				✓							
CO 3				✓							
CO 4					√						