

**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 <sup>th</sup> (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 <sup>th</sup> 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"> <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%
NO	Assessment methods (components, activities)	Weight (percentage)									
1	Final Examination	25%									
2	Mid-Term Examination	25%									

# UIN SUNAN KALIJAGA YOGYAKARTA

## FACULTY OF SCIENCE AND TECHNOLOGY

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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:

NO	Number Value	Letter Value	NO	Number Value	Letter Value
1	$\geq 95$	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

Media employed	White-board, LCD Projector, e-learning ( <a href="https://daring.uin-suka.ac.id/">https://daring.uin-suka.ac.id/</a> )
Reading list	<ol style="list-style-type: none"> <li>1. Deacon, Jim. 2006. Fungal Biology. Blackwell Publishing: Australia.</li> <li>2. Webster J, Weber RWS. 2007. Introduction to Fungi. Cambridge University Press: New York.</li> <li>3. Michael T. Madigan, Kelly S. Bender, Daniel HB., Matthew Sattley, David, A.Stahl. 2019. Brock Biology of Microorganisms. 15th edition. Pearson Education. London.</li> <li>4. Watkinson SC, Boddy L, Money NP. 2016. The Fungi Third Edition. Academic Press: United Kingdom</li> <li>5. Stephenson SL. 2010. The Kingdom Fungi. Timber Press, Inc: United Kingdom</li> <li>6. Petersen JH. 2007.The Kingdom of Fungi. Princeton University Press: United Kingdom</li> </ol>

### PLO and CO Mapping

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO11
CO 1					✓						
CO 2				✓							
CO 3				✓							
CO4					✓						