

**PROGRAM PLAN AND  
SEMESTER LEARNING ACTIVITIES  
(RPKPS)  
Even semester 2023/2024**



BACHELOR OF AGRICULTURAL MICROBIOLOGY  
ETR2023101 Mushroom Substrate  
Production Technique (3 credits)

Teaching Team:

Prof. Ir. Donny Widiyanto, Ph.D.  
Prof. Ir. Triwibowo Yuwono, Ph.D. Dr.  
Ir. Ngadiman, M.Si.

**GADJAH MADA UNIVERSITY OF  
AGRICULTURE  
2023**



Universitas Gadjah Mada Faculty of AGRICULTURE S1  
Study Program of AGRICULTURAL MICROBIOLOGY  
Even semester 2023/2024

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SEMESTER LEARNING PROGRAM AND ACTIVITY PLAN (RPKPS)

Course Code	Course Name	Weight (credits)		Semester	Course Status	Prerequisite Course
ETR2023101	Mushroom Substrate Production Technique	T: 3	P: 0			MKK
Brief Course Description	This course is designed to provide students with knowledge of the mushroom culture production process used by companies. In this course, students will learn about the flow in the mushroom culturing process, the types of mushrooms used, SOPs in the mushroom pure culture production process, as well as discussion and presentation skills.					
Graduate Learning Outcomes (SLOs) Charged to the MK						
Course Learning Outcomes (CPMK)	After completing this course, students are expected to be able to:					
Mapping of Graduate Learning Outcomes (GLOs) to Course Learning Outcomes (CPMK)	<b>Code</b>					
	Data Not Found					
Linkage of CPMK with Learning Materials and Forms, and Time Allocation	Learning Materials	Form of Learning		Time Allocation		
Learning Methods	<ul style="list-style-type: none"> <li>Lecture and practice on mushroom substrate production techniques</li> <li>Presentation and discussion</li> </ul>					
Student Learning Experience	<ul style="list-style-type: none"> <li>Observation and observation</li> <li>Discuss and work together to conclude</li> <li>Self-study</li> <li>Working on assignments outside of lectures</li> <li>Take a quiz</li> <li>Working on written questions</li> <li>Presentation</li> <li>Discuss the results of the lecturer's research</li> </ul>					

Learning Media Access/ LMS and Offline & Online Percentage	<ul style="list-style-type: none"> <li>• eLok</li> <li>• Viewer, white board, laptop, material provided by lecturers about research.</li> <li>• Offline: 100%</li> </ul>			
Blueprint Assessment	<b>Evaluation Base</b>	<b>Assessment Component</b>	<b>Weight</b>	<b>CPM K Map</b>
	Participatory Activity (10%)	Participation	10 %	
	Project Result (90%)	Structured Assignment/Assignment	10 %	
		Quiz	10 %	
		UTS	20 %	
		UAS	20 %	
		PBL Project/Case Study/Results	30 %	
Reference List	Prepared by MBKM partners			
Name of Lecturer (Team Teaching)	Prof. Ir. Donny Widiyanto, Ph.D.; Prof. Ir. Triwibowo Yuwono, Ph.D.; Dr. Ir. Ngadiman, M.Si.;			
Authorization	Date of Preparation	Course Coordinator	Field of Expertise Coordinator (if any)	Head of Study Program
	October 25th 2024	Prof. Ir. Donny Widiyanto, Ph.D.	-	Ir. Ngadiman, M.P, Ph.D.