SEMESTER COURSE OUTLINE
& LESSON PLANS
SECOND SEMESTER
2022/2023

Agricultural Microbiology Major

Department of Agricultural Microbiology

Capstone Project

JYA201941010

Team teaching:

Agricultural Microbiology Department MBKM Team

Yamagata University Lecturer Team

UNIVERSITAS GADJAH MADA
FACULTY OF AGRICULTURE
2023

	Universitas Gadjah Mada Faculty of Agriculture Department of Agricultural Microbiology First Semester of 2022/2023	**Code document:**

SEMESTER COURSE OUTLINE & LESSON PLANS

Course code	Course name	Credits		Semester	course status	Prerequisite courses
JYA201941010	Capstone Project	T:4	P:0	Second Semester	Elective MBKM	-

Course overview	This course is designed to train students to be able to report the results of the MBKM Learning Activity Form that has been carried out at their respective partner locations. Students are trained to analyze the issues encountered during the activity, both internal and external, and to explore these problems. This course is taken by students participating in an exchange program at Yamagata University, following a syllabus determined by the local campus authorities.	
Program Learning Outcome (PLO)	***PLO 1***	Able to explain theoretical concepts regarding plant production technology by giving attention to economic and social-humanitarian aspects to achieve quality, sustainable and profitable agriculture. (K1)
	PLO 2	Able to apply logical, critical, systematic, and innovative thinking by utilizing the technology of information to produce solutions according to the field of expertise with integrity and embodied in scientific documents. [G1]
	PLO 3	Able to identify, design, implement, and solve problems that arise in the implementation of agricultural businesses. [S1]
Course Learning Outcomes (CLO)	**After completing this course, students are expected to able:**	
	CLO 1	Students are able to identify the issues encountered during MBKM activities . [PLO 1]
	CLO 2	Students are capable of exploring and seeking alternative solutions to the issues encountered during MBKM activities. [PLO 2]

Correlation among CLO, the material, learning method and		**Course material**	**Course method (Offline/online) Learning**	**Estimated time**
	CLO 1	Identification of problems	Offline Learning	***18 x 50 minutes***

estimated time				
	CLO 1	Analysis of problems	Offline Learning	***18 x 50 minutes***
	CLO 2	Alternative problem-solving	Offline Learning	***18 x 50 minutes***
Learning method	***SCL: Case based and project based learning***			
Student learning experience	***Student exchange***			
Learning Media and Course Method Percentage	*(Offline 100%)*			

Methods of assessment in accordance with course learning outcome	**Evaluation basis**	***Evaluation componen***	***Percentages***	***CLO 1***	***CLO 2***	
	A. ***Participatory Activity***	***Individual assignment***	20%	v		
	B. ***Project result/case study result***	***Group presentation***	30%		v	
	C. Cognitive	**Mid Exam**	25%		v	
		Final Exam	25%	v		
		Total	**100%**			
	[*)] In accordance with IKU 7, the total percentage of participatory activities (A) and project results/case studies/PBL results (B) is at least 50%.					

References				
Team Teaching	Agricultural Microbiology Department MBKM Team Yamagata University Lecture Team			
Authorisation	**Tanggal Penyusunan** **Authorisation datr**	**Koordinator Mata Kuliah** **Course coordinator**	**Koordinator Bidang Keahlian (Jika Ada)** **Expertise coorfimator (If any)**	**Ketua Program Studi** **Head of study program**
	January 21st 2023	Yamagata University Lecturer Team	*Signature and name*	Ir. Ngdiman, M.Si., Ph.D.