

Subject Module Department of Agribusiness Faculty of Agriculture University of Islam Malang

Module Handbook

Title Module	Introduction to Agricultural Science
Module Level, if available	Undergraduate, Study Program of Agribusiness
CourseCode	MKD60702
Title, if available	-
Course (MK)	Introduction to Agricultural Science
Semester	1
Course Coordinator	Dr. Ir. Zainul Arifin, MP
Teaching Team	-
Instruction language	Indonesian Language/English
Linkage to Curriculum	Study Program: Agribusiness
_	Specialization: Agribusiness
	Type: Compulsory/ Elective
Method and Duration	1. Lecture: 100 minutes / meeting (14 meetings)
of Learning	2. Practicum: 170 minutes / meeting (8 meetings)
	3. Structured assignments / individual and group
	assignments
Study Load Student	1. Lecture: 100 minutes / meeting (14 meetings)
	2. Practicum 170 minutes / meeting (8 meetings)
	3. Structured assignments / quizzes / group presentations
	4. Attendance: 75% of total attendance
Weight Credit	3 Credits or 5.1 ECTS
Requirements to Pass the	• Attendance ≥75%
Course	• Final score of all components of learning evaluation ≥50
	Final Score Components:
	20% Mid-Semester Exam
	20% Final Examination
	30% Practicum
	20% Structured Tasks (individual and group)
	• 10% Attendance
Course Prerequisites	-
Learning outcomes	The expected learning outcomes are:
	1. Able to respond to problems regarding entrepreneurship,
	agribusiness, and green food (ILO 1)
	2. Able to understand the rules and principles of
	agribusiness sciences, social sciences, economics, and
	agricultural techniqueus as the basic for innovative
	agribusiness disciplines (ILO 2)
	3. Able to apply a variety of fundamentally oriented
	methods to solve specific practical problem related to
	agribusiness(ILO 5)
	4. Able to work efficiently, independently and teams work
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After completing this course students can: 1. Able to understand agricultural science, scope, existent agricultural resources, food and human resources farmers 2. Able to understand agricultural science, basic concept agricultural history, agricultural objectives, agricultural problems, food and technology in agriculture problems, food and technology in agriculture 3. Able to understand the concepts of temperate ecosystem nutrients, nutrient and food cycles for human needs 4. Able to understand the chnological developments agriculture 5. Able to understand the importance of agriculture development for agricultural development in Indonesia 6. Able to understand the importance of agriculture function of the concept of agriculture and agriculture function of the concept of agriculture and Agribusiness 1. INTRODUCTION 1. Understanding Agriculture and Agribusiness 2. The topics include: 1. INTRODUCTION 2. The stages in farming in the tropics and techniques to restore soil fertility 3. History of agricultural and agriculture and agribusiness 2. The stages in farming in the tropics and techniques to restore soil fertility 3. History of agricultural development 4. Primitive farming 4. Modern agricultural 5. Agricultural Ecosystem 6. Ecosystem 7. Types of ecosystem 8. Agricultura in Indonesia from time to time: 8. Agriculture in Indonesia from time to time: 9. Agriculture in Indonesia from time to time:		
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	8. Development of agroecotechnology in Indonesia:
	Agrotechnology Theory
	Agrotechnology development in Indonesia
	9. Agricultural revitalization for agricultural development
	in Indonesia:
	Agricultural Revitalization
	Agricultural Revitalization in Indonesia
	10. Agricultural revitalization for agricultural development
	in Indonesia:
	Agricultural Revitalization
	Agricultural Revitalization in Indonesia
	11. The function of agriculture in fulfilling food and non-
	food needs:
	 Definition of Food and non-food.
	 Function of Agriculture in fulfilling food and non-food
	needs
	12. Harvest and post-harvest handling of agricultural
	products:
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	 Harvesting and post-harvest handling of agricultural
	products
Tes tTermsand Forms	Exam Requirements: Minimum 75% attendance to attend the
	final exam
	Test Form:
	Essay
Learning Media	Projector and screen, Zoom application, Google Classroom, e-
	book, WA Group, Learning Management System (LMS UNISMA)
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