



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

Module Handbook

Module Title	Introduction to Agricultural Sciences
Module Level, if available	Undergraduate Study Program of Agrotechnology
Subject Code	MKK3101
Headings, if available	-
Subject (MK)	Introduction to Agricultural Sciences
Semester	I
Subject Coordinator	Dr. Ir. Sunawan, MP.
Teaching Team	-
Language of instruction	Indonesian language/English
Linkages with the Curriculum	Study Program : Agrotechnology Specialization: Agrotechnology Type: Compulsory/elective
Learning Methods and Duration	1. Lecture: 100 minutes/meeting (14 meetings) 2. Structured Assignments/individual and group Assignments presentation
Student Study Load	1. Lecture: 100 minutes/meeting (14 meetings) 2. Structured Assignments/quiz/group presentation 3. Attendance: 75% of total attendance
Credit Weight	2 credits or 5.1 ECTS
Requirements for Passing the Subject	<ul style="list-style-type: none"> • Attendance >75% • The final score of all the components of the learning evaluation >44 The final score component: <ul style="list-style-type: none"> • 30% Midterm Exam • 40% Final Exam • 20% Structured Assignments (individual and group) • 10% Presence
Prerequisite Subjects	No Prerequisite
Learning Outcomes	The expected learning outcomes are: <ol style="list-style-type: none"> 1. Able to work independently and in teams, and use various methods of communication (ILO 2). 2. Have the ability to identify and formulate problems that arise in the field of agro-technology and related fields of science (ILO 5) 3. Have good and in-depth knowledge in basic agricultural disciplines that support the field of Agrotechnology (ILO 4)
Learning Content	After completing this Subject students are able to: <ol style="list-style-type: none"> 1. Have good / in-depth knowledge about the Scope of Agriculture and the Agricultural Sector in Indonesia 2. Study the context of Agricultural Resources: Land and Land, Capital and Labor Resources and Agricultural Science and Agribusiness 3. Have knowledge and understanding of Agriculture and

	<p>Environmental Sustainability, Application of Sustainable Agriculture Technology and Models, Development and Transformation Aspects of Agriculture and Agricultural Develop</p> <ol style="list-style-type: none"> 4. Apply Agricultural Economic Principles, Social and Institutional Aspects in Agriculture 5. Able to create business opportunities in the field of crop production, following developments in post-harvest technology and Build future farms <p>The topics include:</p> <ol style="list-style-type: none"> 1. Scope of Agriculture 2. Agriculture Sector in Indonesia 3. Agricultural Resources: Soil and Land 4. Capital Resources and Manpower 5. Agricultural Science and Agribusiness 6. Agriculture and Environmental Sustainability 7. Application of Sustainable Agriculture Technology and Models 8. Development and Transformation Aspects of Agriculture 9. Agricultural Development in Indonesia 10. Application of Agricultural Economic Principles 11. Social and Institutional Aspects in Agriculture 12. Challenges and Opportunities in the Agricultural Sector 13. Development of Post Harvest Technology 14. Building Future Agriculture
	<p>Examination requirements: A minimum of 75 % attendance to attend the final exam</p> <p>Forms of examination:</p> <p>Essay</p>
Learning Media	<p>Projector and screen, Zoom application, LMS of UNISMA (Daring UNISMA), e-book, WA Group</p>
References	<p>Main References :</p> <ol style="list-style-type: none"> 1. Darwis, S. Gani dkk. 1980. Pengantar Ilmu Pertanian. IPB. Bogor. 2. Hermanto, F. 1991. Ilmu Usahatani. Penebar Swadaya. Jakarta. 3. Soetriono, Anik Suwandari dan Rijanto. 2003. Pengantar Ilmu Pertanian (<i>Agraris, Agribisnis, Industri</i>). Bayumedia Publishing. Malang. 164 halaman. 4. Mosher, AT. 1981. Menggerakkan dan Membangun Pertanian. Yasaguna. Jakarta. <p>Supporting References :</p> <ol style="list-style-type: none"> 1. Etang, Sastraatmadja. 1985. Ekonomi Pertanian Indonesia (<i>Masalah, Gagasan dan Strategi</i>). Alumni Bandung. 2. .G.J. Vink. 1984. Dasar-dasar Usahatani di Indonesia. Yayasan Obor. Yogyakarta. 3. .Ida, Hariyanto. 1987. Teori Ekonomi Produksi. Faperta, Universitas Jember. 4. Soekartawi. 1993. Prinsip Dasar Manajemen Pemasaran Hasil-hasil Pertanian. Raja Grafindom Persada. Jakarta 5. Kadarsan, HW. 1995. Keuangan Pertanian dan Pembiayaan Perusahaan Agribisnis. Gramedia Pustaka Utama. Jakarta. 6. Marbun, BN. 1980. Proses Pembangunan Desa. Erlangga. Jakarta. 7. Maskun, S. 1993. Pembangunan Masyarakat Desa: Atas Kebijakan dan Manajemen. Widia Mandala. Yogyakarta. 8. Mosher, AT. 1987. Menciptakan Struktur Pedesaan yang Progresif. Yasaguna. Jakarta. 9. Saragih, B. 1998. Agribisnis: Paradigma baru Pembangunan Ekonomi Berbasis Pertanian. IPB. Bogor.

