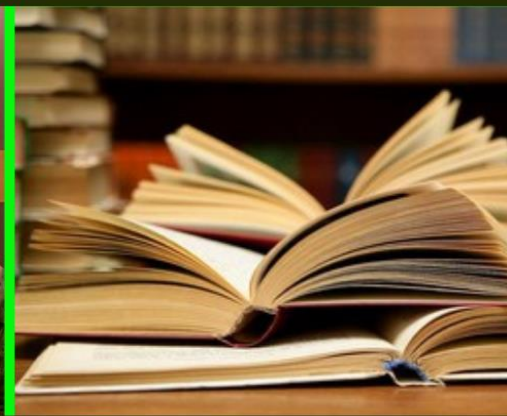




MODULE HANDBOOK



MINISTRY OF EDUCATION AND CULTURE
UNIVERSITY OF LAMBUNG MANGKURAT
FACULTY OF AGRICULTURE
AGRIBUSINESS DEPARTMENT

FOREWORD

The Module Handbook Document is a document created by the Subject Support Team and is one of the documents used as a reference for the learning process in the Agribusiness Study Program.

This module handbook is a companion book for students in the learning process that will help learners achieve the basic competencies expected through active learning, be creative, innovative, and meaningful, and motivate them to develop critical thinking. Hopefully, this module handbook can provide the best for the advancement of the world of education in order to prepare the next generation of the nation to be more qualified.

Therefore, with the ratification of this document, it is hoped that the learning process in the Agribusiness study program will fully refer to this document. Appreciation and thanks are profuse to the various parties who have participated in the preparation and improvement of this document. Hopefully this document can provide benefits.

*Banjarbaru, Februari 2023
Head of Department*

Mira Yulianti, SP, M.Si



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1) Islamic Religious Education

Module designation	<i>Islamic Religious Education</i>
Semester(s) in which the module is taught	<i>Odd Semester (Semester 1)</i>
Person responsible for the module	<i>Indra Syahfari M.Pd</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i> <i>Names of other study programmes with which the module is shared: None</i>
Teaching methods	<i>e.g. lecture, practice</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload:135,84</i> <i>Contact hours:</i> <i>- Lecture : 79,24</i> <i>- Practice: 39,62</i> <i>Private study including examination preparation:48</i>
Credit points	<i>3</i>
Required and recommended prerequisites for joining the module	<i>-</i>
Module objectives/intended learning outcomes	<ol style="list-style-type: none"> <i>1) Able to master the Basic Concept of Divinity in Islam</i> <i>2) Able to master the Human Nature in Islam</i> <i>3) Able to study the Sources of Islamic Teachings</i> <i>4) Able to apply Character Values in the Perspective of the Al-Quran (Ethics and Morals)</i> <i>5) Able to evaluate Politics, Democracy and Human Rights</i> <i>6) Able to utilize science and technology according to Islamic teachings</i> <i>7) Able to analyze the Economic System in Islam</i> <i>8) Able to use the Mosque as the center of Islamic civilization and culture</i> <i>9) Able to master the Concept of Civil Society in materializing Harmony Between Religious People</i>
Content	<i>Islamic Religious Education include in course group of personality development courses that have the goal of making students become "intellectual capital", noble in character, and religious personality, which include: the basic concepts of divinity in Islam, the nature of man in Islam, the sources of Islamic teachings, the value of character in the Al-Quran (ethics and morals), legal, social, economic, and science and technology in Islam, the concept of civil society, mosques as islamic centers, and harmony between religious people.</i>
Examination forms	<i>e.g. Essay</i>
Study and examination requirements	<i>Overall score is above 67 (B-)</i> <i>Minimum attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<ol style="list-style-type: none"> <i>1. Tim MKU. Studi Islam di Era 4.0, Yogyakarta: Aswaja, 2019.</i> <i>2. Gt.Irhamna Husin dkk, Pendidikan Agama Islam untuk Perguruan Tinggi Umum, Yogyakarta: Aswaja, 2018.</i> <i>3. Gt.Irhamana Husin dan M.Ihsanul Arief, Konsep Dasar Ajaran Islam; Pendalaman Konsep Habl Min Allah dan Habl Min Annas Malang: IRDH Research and Publishing, 2018.</i>

2) Indonesian Language

Module designation	Indonesian Language
Semester(s) in which the module is taught	<i>Even Semester (Semester 1)</i>
Person responsible for the module	<i>Isnu Wahyono, M.Pd; Dra. Hj. Arbainah, M.M; Suparti, M.Pd.</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i>
Teaching methods	<i>e.g. lecture, practice</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: - Lecture : 79,24 hours - Practice: 42,45 hours Private study including examination preparation: 48 Hours</i>
Credit points	<i>3</i>
Required and recommended prerequisites for joining the module	<i>-</i>
Module objectives/intended learning outcomes	<i>1) Students are expected to explaining the position and function of Indonesian language, standard Indonesian, exploring academic texts in the macro genre, exploring the text libraries, citations, footnotes, designing research proposals and proposals activities, making official letters, reporting research results and activity results, and actualizing through scientific articles. And be able to communicate using good and correct Indonesian language. 2) Students are expected to mastering the concepts and principles of scientific writing 3) Students are expected to creating scientific essays in various forms (papers, proposals, assignments, final paper, undergraduate thesis) 4) Students are expected to compile a scientific description of the results of the study mentioned above in the form of a undergraduate thesis or final paper report and upload it on the college website</i>
Content	<i>Mastering the concepts and principles of scientific writing. Able to make scientific essays in various forms (papers, proposals, assignments, final paper, undergraduate thesis) Compile a scientific description of the results of the study mentioned above in the form of a undergraduate thesis or final paper report and upload it in college website</i>
Examination forms	<i>e.g. quiz, deciphering and analyzing, reviewing, etc</i>
Study and examination requirements	<i>Overall score is above 67 (B-) Minimum attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<i>1) Arifin, E. Zainal dan S.Amran Tasai, 2000. Cermat Berbahasa Indonesia untuk Perguruan Tinggi. Jakarta: Akademika Pressindo. 2) Dirjend Pembelajaran dan Kemahasiswaan Merintekdikti. 2016. Bahasa Indonesia untuk Perguruan Tinggi. Jakarta: Dirjend Pembelajaran dan Kemahasiswaan Menristekdikti 3) Ahmadi, Muksin, dkk. 1990. Dasar-dasar Komposisi Bahasa Indonesia. Malang: Yayasan Asah, Asih, Asuh 4) Alwi, Hasan.1999. Tata Bahasa Baku Bahasa Indonesia. Jakarta: Balai Pustaka.</i>

3) Pancasila

Module designation	<i>Pancasila</i>
Semester(s) in which the module is taught	<i>Odd Semester (Semester 1)</i>
Person responsible for the module	<i>Drs. H. Usamah Hanafie, M.Si.</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i> <i>Names of other study programmes with which the module is shared: None</i>
Teaching methods	<i>e.g. lecture</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: 90,56</i> <i>Contact hours:</i> <i>- Lecture : 90,56</i> <i>- Practice: -</i> <i>Private study including examination preparation: 32</i>
Credit points	<i>2</i>
Required and recommended prerequisites for joining the module	<i>Existing competences in: none</i>
Module objectives/intended learning outcomes	<ol style="list-style-type: none"> <i>1) Students are able to realizing the role of a citizen who is proud and loves the country and has nationalism and a sense of responsibility to the state and nation</i> <i>2) Students are able to explain how their religious, moral, and ethical values assist them in carrying out their responsibilities to uphold human values.</i> <i>3) Students are able to demonstrate a sense of respect for the diversity of cultures, views, religions, and beliefs, as well as the original opinions or findings of others.</i> <i>4) Students are able to outlining contributions to improving the quality of life in society, nation, state, and progress of civilization based on Pancasila.</i>
Content	<i>The Pancasila course lecture, one of the public courses that must be taken, aims to provide an overview, views, and a thorough understanding of Pancasila education and other related rules. able to build a new paradigm in itself based on Pancasila values through the ability to explain the history, position, and nature of the Pancasila precepts, respond to the actual problems of the nation and state, and apply Pancasila values in life.</i>
Examination forms	<i>e.g. Essay</i>
Study and examination requirements	<i>Overall score is above 67 (B-)</i> <i>Minimum attendance is 80% for lecture.</i>
Reading list	<ol style="list-style-type: none"> <i>1) Abdullah. Rozali. 2002. Perkembangan HAM dan Keberadaan Peradilan di Indonesia. Jakarta: Ghalia Indonesia.</i> <i>2) Basric Chaidir, Ed. 1994. Pemantapan Pembangunan Melalui Pendekatan Ketahanan Nasional. Jakarta: Program Magister PKN-UI.</i> <i>3) Budiharjo. Miriam. 1996. Demokrasi di Indonesia, Demokrasi Parlementer dan Demokrasi Pancasila. Jakarta: Gramedia.</i> <i>4) Chaidir Basric & Amin Ibrahim. 1998. Implementasi Konsep Ketahanan Nasional dalam Pembangunan Daerah. Jakarta: HASTANAS-UI.</i> <i>5) Chamin, Asikuri, IBN, dkk. 2003. Pendidikan Kewarganegaraan Menuju Kehidupan yang Demokratis dan Berkeadaban. Yogyakarta. Edisi Revisi.</i>

4) Introduction of Agriculture Science

Module designation	<i>Introduction of Agriculture Science</i>
Semester(s) in which the module is taught	<i>Odd Semester (1)</i>
Person responsible for the module	<i>Lecturer Team Teaching</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i>
Teaching methods	<i>Lecture</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: Lecture : 90,56 Practice: - Private study including examination preparation: 32</i>
Credit points	<i>2</i>
Required and recommended prerequisites for joining the module	<i>None</i>
Module objectives/intended learning outcomes	<i>1) Students able to explain the meaning of science, scientific ethics, and agriculture broadly. 2) Students able to explain the supporting factors in agriculture (planting media, environment, and management) 3) Students able to Understand the broad application of agricultural systems and branches of knowledge in agriculture including (agronomy, horticulture, plant protection, agribusiness etc.)</i>
Content	<i>This course covers the basics of science, scientific ethics, agriculture, crop production, and development. agricultural science; sustainable agriculture; branches of agricultural science</i>
Examination forms	<i>Essay</i>
Study and examination requirements	<i>Overall score is above 67 Minimum Attendance is 80% for lecture and 100% for practical class/response</i>
Reading list	<i>1) Foth, H.D. 1998. Dasar-dasar Ilmu Tanah. Yogyakarta: Gadjah Mada University Press. 782 p. 2) Harjadi, Sri Setyati. 1979. Pengantar Agronomi. PT. Gramedia, Jakarta. 3) Melkote, R.S. 2007. Everett M Rogers and his contribution to the field of communication and social change in developing countries. Journal of Creative in Communication 1:1 2006. Sage Publication, New Delhi. Thousand Oaks, London. 4) Semangun, Haryono. 1988. Penyakit-Penyakit Tanaman Perkebunan di Indonesia. Gadjah Mada University Press : Yogyakarta. 5) Sperling, L., J.A. Ashby, M.E. Smith, E. Weltzein dan S. McGuire. 2001 cit Sobir, 2005. A framework for analyzing participatory plant breeding approaches and results. Euphytica 122:439-450.</i>

5) Biology of Agriculture

Module designation	<i>Biology of Agriculture</i>
Semester(s) in which the module is taught	<i>Odd Semester (1)</i>
Person responsible for the module	<i>Dr.Ir. Noor Aidawati, M.Si., Dr.Ir. Ika Sumantri, MP., Indya Dewi, SP., M.Si</i>
Language	<i>Indonesia</i>
Relation to curriculum	<i>Compulsory Other study programmes with which the module is shared: Agronomy, Plant Protection, Soil Science, Agribusiness</i>
Teaching methods	<i>lecture, practice, project</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: - Lecture : 95,56 - Practice: 45,28 Private study including examination preparation: 48</i>
Credit points	<i>3</i>
Required and recommended prerequisites for joining the module	<i>None</i>
Module objectives/intended learning outcomes	<i>1) To explains the role of biology in human life, the scope of biota in the human environment plants, animals and microbes and their characteristics 2) To analyzing the presence of plants, animals and microbes in their usefulness in human life</i>
Content	<i>This course studies the cell parts, tissues of leaves, stem cells and tissues, and roots, plant morphology, leaf function, leaf parts, single leaves, compound leaves, compound leaf child arrangements, leaf layouts on stems, leaf layout diagrams, leaf charts, leaf propagation, tuning, leaf culture, zoological interchangeability: definition, characteristics of the animalia kingdom, classification animals and examples of species, organs and organ systems in animals, Mammal Class: special features and properties of some species Important class of mammals, class of aves: special features and properties of some important species of class aves, physical, chemical and biological characteristics of products of livestock origin: milk, eggs and meat, features of living beings, insecta, fungi and bacteria.</i>
Examination forms	<i>Essay, project/assignment</i>
Study and examination requirements	<i>Overall score is above 67 Minimum Attendance is 80% for lecture and 100% for practical class/response</i>
Reading list	<i>1) Bakker-Arkema,F.W.,J.De Baerdemaeker, P.Amirante,M.Ruiz-Altimen, and C.J. Studman (1999). CIGR Handbook of Agriculture Engineering Volume IV: Agro-Processing Engineering. ASAE edition, Weidenfeld and Nicholson, London 2) Loveless. A.R. 1987. Principles of Plant Biology for the Tropics. PT Gramedia Jakarta 3) McFadden, C; W.T. Keeton. 1995. Biology An Exploration of life. First Edition Printed in Unitec State of America. Cornel Univerity. 4) Raven, P.H; R.F. Evert. 1980. Biology of Plants. Fifth Edition. Worth Publisher.</i>

6) Chemistry of Agriculture

Module designation	<i>Chemistry of agriculture</i>
Semester(s) in which the module is taught	1
Person responsible for the module	Ir. Hairil Ifansyah, MP., Akhmad R. Saidy, SP, M.Ag.Sc., Ph.D
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i>
Teaching methods	<i>Lesson</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: 95,56 Contact hours: 45,28 Private study including examination preparation: 48</i>
Credit points	3
Required and recommended prerequisites for joining the module	<i>None</i>
Module objectives/intended learning outcomes	<ol style="list-style-type: none"> 1) <i>Students are able to explain the role of chemistry in agriculture.</i> 2) <i>Students are able to identify basic chemical processes related to agricultural biomassproduction.</i> 3) <i>Students are able to manage data from laboratory practicum results</i>
Content	<p><i>From an agricultural perspective, the efforts made for agricultural production, processing agricultural products, as well as monitoring and remediation of soil for agriculture all involve chemical processes. Related to this, knowledge of basic chemistry is needed to explain and recommend what is needed in this effort. The Agricultural Chemistry course is a compulsory faculty subject for agricultural faculty students, including students in the Soil Science Study Program. This course taken in the first year of the odd semester (1st semester). The learning is carried out by means of lectures in class and practicum in the laboratory. Learning materials include: the scope and importance of agricultural chemistry, chemical bonds, stoichiometry, chemical equilibrium, acid-base, oxidation-reduction, and carbon compounds. In addition to learning to achieve cognitive aspects, this course is also completed through practical activities in the laboratory to develop motor skills and effective learning for some basic skills in the field of chemistry, especially analytical chemistry.</i></p>
Examination forms	<i>Essay.</i>
Study and examination requirements	<p><i>Overall score is above 67 Minimum Attendance is 80% for lecture and 100% for practice/response</i></p>
Reading list	<p><i>Goldwhite, H., Spielman, JR College chemistry, 1984. Books for Professionals. Harcourt Brace Jovanovich, Publishers. San Diego, New York, London.</i></p>

7) Mathematics

Module designation	<i>Mathematics</i>
Semester(s) in which the module is taught	<i>Odd Semester (Semester 1)</i>
Person responsible for the module	<i>Dr. Ir. H. Sadik Ikhsan, DAD, M.Sc., IPM., Dr. Yudi Ferrianta, SP, MP., Mira Yulianti, SP, M.Si., Rifiana, SP, MP., Ahmad Yousuf Kurniawan, SP, M.Si., Karimal Arum Shafriani, SP, M.P</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i>
Teaching methods	<i>lecture, practice</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: - Lecture : 90,56 hours - Practice: 45,28 hours Private study including examination preparation: 48</i>
Credit points	<i>3</i>
Required and recommended prerequisites for joining the module	<i>-</i>
Module objectives/intended learning outcomes	<i>1) Applying basic sciences, mathematics, and basic agricultural sciences 2) Able to apply logical, critical, systematic, and innovative thinking in solving problems in the development and implementation of science and technology in the field of agribusiness</i>
Content	<i>Mathematics course provides the ability to identify and calculate / solve mathematical problems, as well as analyze and apply logical, critical, systematic thinking in solving mathematical problems to students about making students able to achieve competence in calculating and analyzing data using mathematics which includes linear equations and functions, quadratic equations and functions, cluster concepts, permutations, combinations and theories, binomial, limit, differential, integral and matriks. This mathematics course is also a tool for quantitative analysis. This mathematics is practically an introduction to economics, it is hoped that it can be used by students in studying other courses such as microeconomics, econometrics, production economics and operations research. This course consists of lectures and practicums. Practicum is a class practicum in the form of collecting student worksheets and discussions. The practice ofufum is carried out individually or in groups. Each task studies, analyzes and solves problems and applies mathematical concepts.</i>
Examination forms	<i>Quiz, practice, essay.</i>
Study and examination requirements	<i>Overall score is above 67 (B-) Minimum attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<i>1) Preliminary Mathematics (Andi Hakim Nasution). Publisher of Bhratara Karya Aksara – Jakarta. 2) Landasan Matematika (Andi Hakim Nasution) Publisher Bhratara Karya Aksara – Jakarta. 3) Matrix Algebra (Andi Hakim Nasution) Bhratara Karya Aksara Publisher - Jakarta.</i>

8) Physical of Agriculture

Module designation	Physical of Agriculture
Semester(s) in which the module is taught	<i>Odd Semester (1st Semester)</i>
Person responsible for the module	Ir. Zuraida Titin Mariana, M.Si Ir. Muhammad Mahbub, MP Indiya Dewi, SP, M.Si
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i>
Teaching methods	<i>e.g. lecture, practice</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: - Lecture : 90,56 hours Private study including examination preparation: 48</i>
Credit points	2
Required and recommended prerequisites for joining the module	-
Module objectives/intended learning outcomes	<p><i>a. Students are expected to be able to explain the importance of physical science for human life and the importance of agricultural physical science</i></p> <p><i>b. Students are expected to be able capable of explaining measurement units and steps to avoid measurement errors if later conducting research and distinguishing between precision and accuracy</i> <i>Students are expected to be able to explain the particle properties of solids, liquids, and gases, as well as use them in the understanding of the density that is characteristic of a substance</i></p> <p><i>c. Students are expected to be able to explain motion and its applications in agriculture, especially those related to circular motion used in the use of centrifuge tools</i></p> <p><i>d. Students are expected to be able to explain about vibrations and waves, types of waves, and the nature of electromagnetic waves and their application in agriculture</i></p> <p><i>e. Students are expected to be able to explain the principles of geometric optics and their application in agriculture</i></p> <p><i>f. Students are expected to be able to explain the principles of business, energy, and power and their application in the field of agricultural science</i></p> <p><i>g. Students are expected to be capable of explaining temperature and heat and applying their knowledge of temperature conversion and heat energy transfer (heat) in the field of agricultural science</i></p> <p><i>h. Students are expected to be able to explain fluids and laws related to static fluids and use them in the understanding of fluids in agriculture</i></p> <p><i>i. Students are expected to be capable of explaining electricity and its influences, as well as calculating electrical parameters (current strength, electrical resistance)</i></p> <p><i>j. Students are expected to be able to manage personal activities, life long learning, and be responsible for the tasks charged with learning activities in the field of agricultural physics</i></p>

Content	<i>The Agricultural Physics course is a basic course that is mandatory for students of the Faculty of Agriculture and is taken by students in their first year in the odd semester (1st semester). Knowledge of agricultural physics is very important for students to have as a basis for taking the next course related to applied physics in agriculture. Physical science is a science related to the discovery and fundamental understanding of the laws that drive matter, energy, space, and time. This basic understanding is needed in agriculture, especially in relation to the use of tools in the laboratory and tools in the field that use application science in the field of physics</i>
Examination forms	<i>e.g. quiz, oral presentation, Able to manage personal activities, life long learning and be responsible for tasks charged in learning activities in the field of agricultural physics , etc.</i>
Study and examination requirements	<i>Overall score is above 67 (B-) Minimum attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<ol style="list-style-type: none"> 1) Ramelan, A.H., Nur Her Riyadi Parnanto dan Kawiji. 1996. <i>Fisika Pertanian</i>. Sebelas Maret University Press. 2) Duncan, Tom. 1985. <i>Success in Physics</i>. John Murray Publishers Ltd. London. 3) Mariana, Z.T. 2014. <i>Modul Kuliah Fisika Pertanian</i> . Jurusan Tanah Fakultas Pertanian Universitas Lambung Mangkurat. Banjarbaru 4) Mahbub, M. 2014. <i>Modul Kuliah Fisika Pertanian</i> . Jurusan Tanah Fakultas Pertanian Universitas Lambung Mangkurat. Banjarbaru 5) Mahbub, M. 2016. <i>Kumpulan Soal-soal Fisika Pertanian</i>. Jurusan Tanah Univ. Lambung Mangkurat

9) English

Module designation	<i>English</i>
Semester(s) in which the module is taught	<i>Odd</i>
Person responsible for the module	<i>Wahyu Aneta Sari, M.Pd.</i>
Language	<i>English</i>
Relation to curriculum	<i>Compulsory</i> <i>Names of other study programmes with which the module is shared: None</i>
Teaching methods	<i>Lecture</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: 138,56</i> <i>Contact hours:</i> <i>Lecture: 90,56</i> <i>Private study including examination preparation: 48</i>
Credit points	<i>2</i>
Required and recommended prerequisites for joining the module	<i>None</i>
Module objectives/intended learning outcomes	<i>1) Applying English grammar, especially Tenses or times that are not found in Indonesian grammar</i> <i>2) Constructing texts of oral and written interpersonal interactions by paying attention to social functions, text structures, and linguistic elements that are correct and contextual</i>
Content	<i>This course leads students to understand English grammar, especially the importance of Tenses or times (Time) that are not found in Indonesian system, in addition to other basic materials that are able to send students to be able to string sentences in English well, including the concept of verbal and nominal sentences, how to use Passive sentences and Presuppositions. By understanding all the material and a good understanding of each subject, students are expected to be able to properly and correctly write essays or essays in English or read scientific articles in English</i>
Examination forms	<i>Essay, multiple choice</i>
Study and examination requirements	<i>Overall score is above 67 (B-)</i> <i>Minimum attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<i>1) Murphy, Raymond. 2011. English Grammar in Use</i> <i>2) Krohn, Robert. 1970. English Sentence Structure.</i> <i>3) Abidin, Asep Zaenal. 2018. Grammar Superflash</i> <i>4) Lucantoni, Peter. 2004. English as a Second Language</i>

10) Civic Education

Module designation	<i>Civic Education</i>
Semester(s) in which the module is taught	<i>1</i>
Person responsible for the module	<i>Drs. H. Usamah Hanafie, M.Si.</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i>
Teaching methods	<i>Lesson</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact Hours: Lecture: 90,56 Private studi including examination preparation: 48</i>
Credit points	<i>2</i>
Required and recommended prerequisites for joining the module	<i>None</i>
Module objectives/intended learning outcomes	<ol style="list-style-type: none"> <i>1) Explaining the background of Civic Education, and being able to implement the values of Pancasila both as a philosophical system and as an Ideology of the Nation and State.</i> <i>2) Explaining the problem of Human Rights (HAM) and Wawasan Nusantara (Geopolitics Indonesia) as a living space and the Concept of a Unitary State in the form of a Republic and the Principle of Regional Autonomy, as well as Bhineka Tunggal Ika.</i> <i>3) Analyzing and implementing the concept of National Resilience as Indonesia's geostrategic in facing social life and the concept of Trigatra and Pancagatra in facing and overcoming threats, challenges, obstacles and disturbances that come both domestically and from abroad for The Nation and State of Indonesia.</i>
Content	<i>This course intends to equip students' personalities so that they can think comprehensively, integrally, have broad knowledge insights, can live in democracy, have noble character, are aware of their rights and obligations as citizens because of Indonesia and have a great sense of responsibility for the progress of the State and nation of Indonesia in the future.</i>
Examination forms	<i>Essay</i>
Study and examination requirements	<i>Overall score is above 67 Minimum Attendance is 80% for lecture</i>
Reading list	<ol style="list-style-type: none"> <i>1) Kaelan (ed). 2002. Pendidikan Kewarganegaraan. Yogyakarta: Paradigma.</i> <i>2) Kaelan. 2003. Pendidikan Pancasila. Yogyakarta: Paradigma.</i> <i>3) Kaelan. 1999. Pendidikan Pancasila Yuridis Kenegaraan. Yogyakarta: Paradigma.</i> <i>4) Purnomo RH, 1993 Geopolitik & Geostrategi. Jakarta : Lemigas</i> <i>5) Adi Sumardiman, Ir. SH. Wasantara aspek Wilayah Laut, Hukum Laut, Jakarta : Nusa Indah.</i> <i>6) Suwarso, Drs. MBA. Pendidikan Kewarganegaraan, Jakarta :Gramedia Pustaka Utama.</i> <i>7) Miriam Budiardjo, 1997. Dasar-dasar Ilmu Politik. Jakarta : Gramedia</i>

11) Basics of Agronomy

Module designation	<i>Basics of Agronomy</i>
Semester(s) in which the module is taught	<i>Even Semester (Semester 2)</i>
Person responsible for the module	<i>Team</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory /elective /specialisation Other study programmes with which the module is shared: Agribusiness, Agronomy, Agroecotechnology.</i>
Teaching methods	<i>Small group discussion, and cooperative learning</i>
Workload (incl. contact hours, self-study hours)	<i>(Estimated) Total workload: 135,84 hours consist of Examination 16,98 hours; lecture 79,24 hours and Practice 39,62 hours.</i>
Credit points	<i>3 credits</i>
Required and recommended prerequisites for joining the module	<i>Recommended prerequisite: Biology Agriculture (EFKK 106), Introduction of Agriculture (EFKK 109)</i>
Module objectives/intended learning outcomes	<i>Key question: what learning outcomes should students attain in the module? E.g. in terms of: 1) CLO1/PLO4: Understand and master the technique of division and propagation of plants, 2) CLO2/PLO4: Able to produce and develop one of the agricultural crops, 3) CLO3/PLO5: Able to make harvest and post-harvest tools and use them in agriculture.</i>
Content	<i>The Basics of Agronomy course is designed for undergraduate students to provide a basic understanding of agronomy, land clearing, plant propagation, planting and maintenance until harvest and post-harvest. Lectures are held for one semester with 14 face-to-face activities and each face-to-face session is 2 x 50 minutes long. Besides face-to-face meetings, followed by practicum activities in the field with a duration of 3 x 50 minutes per practicum. The subject matter of lectures includes the understanding of agronomy, factors that influence agronomy, land selection and clearing, plant propagation, planting, maintenance, harvesting and post-harvesting, so that students understand and are able to do plant propagation and can produce plants to the fullest.</i>
Examination forms	<i>Multiple choice and essay</i>
Study and examination requirements	<i>Student Requirements for successfully passing the module if they are declared passed if the overall score is above 67 (B-) Minimum Attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<i>1) Hasan Basri Jumin 2018. Dasar-Dasar Agronomi. Jakarta. PT. RajaGrafindo Persada. 2) Danner Sagala, dkk. 2021. Dasar-Dasar Agronomi. Surabaya. Yayasan Kita Menulis 3) Bambang Wicaksono Hariadi, dkk. 2022. Dasar-Dasar Agronomi. Ponorogo. UWAIS Inspirasi 4) Harijadi, M.M.S.S. 1993. Pengantar Agronomi .Jakarta. Gramedia Pustaka Utama.</i>

12) Basics of Management

Module designation	<i>Basics of Management</i>
Semester(s) in which the module is taught	<i>Even</i>
Person responsible for the module	<i>Dr. Ir. Muhammad Fauzi Makki, M.P., Ir. Umi Salawati, M.Si., Ir. Kamiliah Wilda, M.P., Dr. Ir. Hairin Fajeri, M.P., Dr. Yudi Ferrianta, S.P., M.P., Ir. Mariani, M.Si., Ana Fauziyatun Nisa, S.P., M.Sc., Windi Bunga Devita, S>P., M.P.</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i> <i>Names of other study programmes with which the module is shared: None</i>
Teaching methods	<i>Lecture</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload:</i> <i>Contact hours:</i> <i>Lecture : 90,56</i> <i>Private study including examination preparation: 48</i>
Credit points	<i>2</i>
Required and recommended prerequisites for joining the module	<i>None</i>
Module objectives/intended learning outcomes	<i>1) Students able to explain the concept of basics of management</i> <i>2) Students able to explain the functions of management and its application in agribusiness</i> <i>3) Students able to to analyze the implementation of Management Information System (SIM) in agribusiness</i>
Content	<i>This course provides understanding and insight to students about the importance of management science, especially in the application of management functions as a basic for business success in agriculture. In addition, this course is also one of the basics of the course that will be taken in the advanced semester, such as agribusiness management courses. The success of agricultural businesses is not only determined by technical elements (the availability of land and the use of other agricultural production factors); but also by management factors. Therefore, it is not surprising that there are two farmers who have the same area of land with the use of the same factors of agricultural production; But apparently the success rate obtained by the two farmers is different. This is largely determined by the management factor of the agricultural business/agribusiness. This is also what justifies the importance of the application of management functions in agricultural businesses (agribusiness). This course is presented to second semester students. The subject includes the evolution of management theory; the role of the manager; Management functions (planning, organizing, actuating and supervision /control); up to the basics of the management information system.</i>
Examination forms	<i>Essay</i>
Study and examination requirements	<i>Overall score is above 67 (B-)</i> <i>Minimum attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<i>1) Mamduh Hanafi. Manajement (Edisi Revisi). Publisher UPP-STIM- YKPN Yogyakarta.</i> <i>2) Terry, G. R. 2013. Prinsip-Prinsip Manajemen . 11th edition. Publisher Bumi Aksara. Jakarta</i> <i>3) Rusdiana, HA 2014. Sistem Informasi Manajemen . 1st edition. Publisher Pustaka Setia. Jakarta</i>

13) Basic Social and Cultural Sciences

Module designation	<i>Basic Social and Cultural Sciences</i>
Semester(s) in which the module is taught	<i>Even Semester (Semester 2)</i>
Person responsible for the module	<i>Nina Budiwati, SP, M.Si; Muzdalifah, SP, M.Sc;</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory Agronomi Study Program, Animal Husbandary Study Program</i>
Teaching methods	<i>e.g. lecture, practice</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: - Lecture : 79,24 - Practice: 42,45 Private study including examination preparation: 48</i>
Credit points	<i>3</i>
Required and recommended prerequisites for joining the module	<i>-</i>
Module objectives/intended learning outcomes	<i>a. Students are expected to be able to Able to show piety to God Almighty (CLO1/PLO1) b. Students are expected to be able to appreciate and appreciate cultural diversity and contribute to improving the quality of life in society (CLO2/PLO2) c. Students are expected to be able to understand socio-cultural concepts and use them as an alternative point of view for solving socio-cultural problems</i>
Content	<i>This Basic social and Cultural Science course provides students with the ability to understand, describe and apply sociocultural concepts so that students can appreciate and appreciate cultural diversity, and can use ISBD as an alternative point of view for solving socio-cultural problems. This course consists of lectures and field practicums. Lectures are conducted face-to-face by applying the Student-Centered Learning (SCL) learning method. Field practicum is carried out in groups with 5-8 members per group. Each group is tasked with proving and appreciating the socio-cultural diversity that exists in society.</i>
Examination forms	<i>e.g. quiz, oral presentation, essay, etc.</i>
Study and examination requirements	<i>Overall score is above 67 (B-) Minimum attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<i>1) Herimanto dan Winarno. 2008. Ilmu Sosial dan Budaya Dasar. PT. Bumi Aksara . Jakarta. 2) Hertati Suandi, Daisy Indira Yasmine, Dyatika Widya P., Mira Indiwara. 2010. Ilmu Sosial Budaya Dasar. Universitas Terbuka. Jakarta. 3) Setiadi, Elly M, et all. 2007. Ilmu Sosial dan Budaya Dasar. Kencana Prenada Media Grup. Jakarta 4) Syafrudin, Meriam. 2010. Ilmu Sosial Dasar. Trans Info media. Jakarta 5) Rusmin Tumanggor, Kholis Ridlo, Nurochim. 2017. Ilmu Sosial dan Budaya Dasar. Kencana Prenada Media Grup. Jakarta</i>

14) Introduction to Soil Science

Module designation	<i>Introduction to Soil Science</i>
Semester(s) in which the module is taught	<i>Odd</i>
Person responsible for the module	<i>Prof. Ir. Fadly H. Yusran, M.Sc., Ph.D., IPU, Ir. Zuraida Titin Mariana, M.Si., Muhammad Syarbini, M.P.</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i> <i>Names of other study programmes with which the module is shared: None</i>
Teaching methods	<i>Lecture, practicum</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: 183,84</i> <i>Contact hours:</i> <i>- Lecture : 90,56</i> <i>- Practice: 45,28</i> <i>Private study including examination preparation: 48</i>
Credit points	<i>3</i>
Required and recommended prerequisites for joining the module	<i>None</i>
Module objectives/intended learning outcomes	<ol style="list-style-type: none"> <i>1) Able to explain the principles of soil science and the importance of this knowledge to manage land in a logical, critical, and analytical way.</i> <i>2) Able to explain the concept of soil according to pedology and edaphology, the origin of the soil and the process of its formation, as well as the condition of the soil after experiencing the development process.</i> <i>3) Able to explain the basic properties of soil (physical, chemical, and biological properties)</i> <i>4) Able to explain about the decomposition and cycle of soil organic matter</i> <i>5) Able to explain the basic concepts of fertility and fertilization, the concept of nutrient availability, and distinguish between fertile and productive soil</i> <i>6) Able to explain about soil classification</i> <i>7) Able to explain about soil degradation and conservation as the first step for soil management</i> <i>8) Able to determine soil horizons in the field based on the main horizon (genetic) in the soil profile with practical group discussions in the field</i>
Content	<i>The Fundamental of Soil Science course is a compulsory faculty subject for ULM Faculty of Agriculture students taken by students in the odd semester (Semester II). Knowledge of the concept of soil, the origin of the soil and the process of its formation, the nature of the soil, and the classification of soil is very important for students to know. This course also provides an introduction and understanding of various aspects of soil as a component of biomass production, so that students are able to recognize and understand soil as a medium for plant growth to carry out sustainable biomass production</i>
Examination forms	<i>Essay, multiple choice</i>
Study and examination requirements	<i>Overall score is above 67 (B-)</i> <i>Minimum attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<ol style="list-style-type: none"> <i>1) Introduction to Project Evaluation. Clive Gray and Lien K. Sabur translated by Payaman Simanjuntak and PFL Maspaitella. 1985. PT. Gramedia. Jakarta.</i> <i>2) Project Feasibility Study. Suad Husnan and Suwarsono Muhammad. Fourth edition. 2000. UPP AMP YKPN.</i> <i>3) Economic analysis of agricultural projects. Second edition. J. Price Gittinger. 1991. UI-Press-Johns Hopkins.</i>

15) Agricultural Statistics

Module designation	Agricultural Statistics
Semester(s) in which the module is taught	<i>Even Semester (Semester 2)</i>
Person responsible for the module	<i>Rifiana, SP, MP., Ahmad Yousuf Kurniawan, SP, M.Si.</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i>
Teaching methods	<i>e.g. lecture, practice</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: - Lecture : 90,56 hours - Practice: 45,28 hours Private study including examination preparation: 48</i>
Credit points	<i>3</i>
Required and recommended prerequisites for joining the module	<i>-</i>
Module objectives/intended learning outcomes	<i>1) Students are expected to be able to identify and calculate/solve statistical problems 2) Students are expected to be able to analyze and to apply logical, critical, systematic thinking in solving statistical problems</i>
Content	<i>The Mathematics course provides the ability to identify and calculate / solve mathematical problems, as well as analyze and apply logical, critical, systematic thinking in solving mathematical problems to students about making students able to achieve competence in calculating and analyzing data using mathematics which includes linear equations and functions, equations and functions quadratics, cluster concepts, permutations, combinations and binomial theories, limits, differentials, integrals and matrices. This mathematics course is also a tool for quantitative analysis, the materials in course. Mathematics is practically an introduction in economics; hopefully it can be used by students in other courses such as microeconomics, econometrics, production economics and operations research. This course consists of lectures and practicums. Practicum is a class practicum in the form of collecting student worksheets and discussions. Practicum is carried out individually or in groups. Each task studies, analyzes and solves problems and applies mathematical concepts</i>
Examination forms	<i>e.g. quiz, Identify and calculate cases , Analyze and solve test cases etc.</i>
Study and examination requirements	<i>Overall score is above 67 (B-) Minimum attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<i>1) R. E. Walpole. 1995. Pengantar Statistika. Ed. ke -3. PT Gramedia, Jakarta 2) W. Mendenhall dan J. E. Reinmuth. 1982. Statistik untuk Manajemen dan Ekonomi. Ed. ke-4. Erlangga, Jakarta 3) A. H. Nasoetion dan Barizi. 1988. Metode Statistika untuk Penarikan Kesimpulan. PT Gramedia, Jakarta 4) Sudjana. 1984. Metode Statistika. Ed. ke-3. Tarsito, Bandung</i>

16) Introduction to Economics

Module designation	Introduction to Economics
Semester(s) in which the module is taught	<i>Odd Semester (Semester 1)</i>
Person responsible for the module	<i>Dr. Ir. H. Yusuf Azis, M.Sc., Dr. Ir. H. Muhammad Husaini, MS., Dr. Yudi Ferrianta, SP., MP., Dr. Ir. H. Hairin Fajeri, MP., Ir. Djoko Santoso, M.Sc., Ahmad Yousuf Kurniawan, SP, M.Si., Muzdalifah, S.P., M.Sc., Karimal Arum Shafriani, SP., M.P.</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory The module shared to Study Program: Soil science, Agroecotechnology</i>
Teaching methods	<i>Lecture</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: - Lecture : 90,58 hours Private study including examination preparation: 32</i>
Credit points	<i>3</i>
Required and recommended prerequisites for joining the module	<i>-</i>
Module objectives/intended learning outcomes	<i>d. Students able to explain the basic concepts of economic science e. Students able to analyze economic activity in a micro and macro context</i>
Content	<i>This course is designed to provide knowledge of various basic economic concepts in the context of microeconomics (flow of economic activity, mechanisms and types of markets, demand/supply/equilibrium curves, etc.) and macroeconomics (components of national products and income, taxes, inflation, Government Policy in the economic system etc.). After taking this course, students are expected to be able to understand and analyze in general economic activities in the context of micro and macroeconomics. This course is carried out using the Student Center Learning (SCL) method. In this lecture, three SCL methods are applied, namely: Student Team Achievement Division (STAD), Small Group Discussion (SGD) and Jigsaw. The assessment criteria in this course use the principles of authentic, objective and accountable criteria which are carried out in an integrated manner using holistic assessment rubrics and Benchmarking Reference Assessments</i>
Examination forms	<i>quiz, multiple choices test, literature review</i>
Study and examination requirements	<i>Overall score is above 67 (B-) Minimum attendance is 80% for lecture</i>
Reading list	<ol style="list-style-type: none"> 1. Rahardja, Prathama & Mandala Manurung, 2015. <i>Pengantar Ilmu Ekonomi (Mikroekonomi & Makroekonomi)</i>. Edisi 3. Lembaga Penerbit FEUI. Jakarta 2. Rahardja, Prathama & Mandala Manurung, 2008. <i>Pengantar Ilmu Ekonomi</i>. Edisi revisi. Lembaga Penerbit FEUI. Jakarta 3. Hasoloan, Jimmy. 2010. <i>Pengantar Ilmu Ekonomi</i>. Penerbit Dee Publish. Yogyakarta 4. Kurniawan, Paulus & Made Kembar Sribudho. 2018. <i>Pengantar Ekonomi Makro dan Mikro</i>. Penerbit Andi. Yogyakarta. 5. Mankiw. N. G. 2003. <i>Teori Makroekonomi</i>. Erlangga. Jakarta. 6. Nopirin. 2007. <i>Ekonomi Internasional</i>. Edisi III. BPFE. Yogyakarta <p><i>Lubis, Adlin. 1994. Pengantar Manajemen Perkebunan Kelapa Sawit . Elaeis guineensis Jacq. Medan</i></p>

17) Entrepreneurship

Module designation	Entrepreneurship
Semester(s) in which the module is taught	<i>Odd Semester (Semester 3)</i>
Person responsible for the module	Ir.Hj.Umi Salawati, Msi; Dr.Ir.H.Hamdani,MS; Ir.Hj.Kamiliah Wilda, MP; Ana Fauziyatun Nisa, SP,MSc; Hj.Nina Budiwati,SP,Msi; Dr.Ir.H.Hairin Fajeri,MP; Dr.Ir.H.M.Fauzi,MP; Rifiana, SP,MP
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i>
Teaching methods	<i>e.g. lecture, practice</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: - Lecture : 90,56 hours - Practice: 45,28 hours Private study including examination preparation: 48</i>
Credit points	3
Required and recommended prerequisites for joining the module	-
Module objectives/intended learning outcomes	<ol style="list-style-type: none"> 1) <i>Students are expected to be able to identify and detail the scope of entrepreneurship</i> 2) <i>Students are expected to be able to midentify, apply and analyze the business developed in entrepreneurship</i> 3) <i>Students are expected to be able to creating, running and analyzing in making a good and feasible business proposal</i>
Content	<i>This Entrepreneurship course provides students with understanding and insight into the scope of becoming an entrepreneur with various understandings and changes in mindset, risks that must be taken to how to market products from the business being run, also provide knowledge about leadership in entrepreneurship and learn to analyze financial management, business financing and be able to find sources of funding in running a business to be able to apply business ethics in business. In addition, this course also provides knowledge to students so that at the end of the lecture they are able to compile a good business proposal and are feasible to run. This course is presented in the third semester, students are given group assignments with 5-7 members per group. Each group is tasked with studying and analyzing the uasaha that will be carried out in accordance with the teaching material provided in the lecture</i>
Examination forms	<i>e.g.quiz, Create a group paper based on the selected review literature; make a good and feasible business proposal based on the selected review literature ; etc.</i>
Study and examination requirements	<i>Overall score is above 67 (B-) Minimum attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<ol style="list-style-type: none"> 1) <i>Rhenald Kasali, et al. Entrepreneurship Module for Strata 1 Program. PT. Mizan Publika, CSR House of Change – Bank Mandiri. Jakarta 2010.</i> 2) <i>Buchari Alma, (2002). Entrepreneurship, CV Alfabeta Bandung</i> 3) <i>Hisrich, RD, et all (2002). Entrepreneurship, New York : The McGraw Hill</i> 4) <i>Laeonardus Saiman (2017). Entrepreneurship, Salaemba Empat, Jakarta</i>

18) Microeconomic Theory

Module designation	Microeconomic Theory
Semester(s) in which the module is taught	<i>Even Semester (Semester 3)</i>
Person responsible for the module	<i>Ir. Nuri Dewi yanti, M.Sc, Ph.D; Dr. Ir, Sadik Ikhsan,DAD, M.Sc; Dr. Yudi Ferrianta, SP, MP; Dr. Ir. Hamdani, M.S</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i>
Teaching methods	<i>e.g. lecture, practice</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: - Lecture : 79,24 hours - Practice: 42,45 hours Private study including examination preparation: 48 Hours</i>
Credit points	<i>3</i>
Required and recommended prerequisites for joining the module	<i>-</i>
Module objectives/intended learning outcomes	<i>1) Students are expected to be able to Integrating economics holistically and globally in understanding current economic conditions, and applying it in social life and using it as a tool to solve various economic problems 2) Students are expected to be able to Analyze and evaluate the behavior of consumers and producers in achieving maximum satisfaction (maximum utility and maximum profit) 3) Students are expected to be able to Analyze and evaluate the structure of the output market and input market</i>
Content	<i>The Microeconomics Theory course provides students with the ability to understand, apply and analyze related to the concept and scope of economics at the individual/household /company level. Furthermore, this course describes and analyzes individual economic behavior both regarding consumer behavior, producer behavior and the market. The lecture material starts from the basic concepts of economic theory and the development of economic science, the basic concepts of demand and supply and price balance, the theory of consumer behavior, production theory, cost theory, and company balance both in the market of perfect competition and imperfect competition. In addition, it will also be discussed about the labor and land input markets. This course consists of lectures and practicum/response. Lectures are conducted by providing an understanding of concepts in microeconomic theory. Meanwhile, the practicum/response activities are filled with exercises and solving questions.</i>
Examination forms	<i>e.g. quiz, deciphering and analyzing, analyze and evaluate</i>
Study and examination requirements	<i>Overall score is above 67 (B-) Minimum attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<i>1) Lipsey, Richard G. and K. Alec Chrysta . (1995). An Introduction to Positive Economics (1995). 8th ed. Oxford University Press, UK 2) Sugiarto, Tedy Herlambang, Brastoro, Rachmat Sudjana, Said Kelana (2005). Microeconomics. A Comprehensive Review. Gramedia Main Library. Jakarta.</i>

19) Agroclimatology

Module designation	<i>Agroclimatology</i>
Semester(s) in which the module is taught	3
Person responsible for the module	<i>Dr. Ir. H. Gt. Rusmayadi, M.Si</i>
Language	<i>Indonesia</i>
Relation to curriculum	<i>Compulsory Other study programmes with which the module is shared: TIP, Agronomy, Peternakan, Agroteknologi, Tanah, Proteksi Tanaman</i>
Teaching methods	<i>lecture, lesson</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: Lecture : 90,56 hours in one semester Practice : 45,28 hours in one semester Private study including examination preparation: 48 hours for 1 semester</i>
Credit points	3
Required and recommended prerequisites for joining the module	<i>Required prerequisites : none Recommended prerequisite: Mathematic (EFKK 102) Existing competences in : none</i>
Module objectives/intended learning outcomes	<i>Key question: what learning outcomes should students attain in the module? 1) Students able Independently describing agricultural challenges under extreme climates in the future 2) Students able to Analyzing the efficiency of sun radiation and water use in a teamwork 3) Students able to Creatively analyzing plant phenology, traditional calendar and climate classification in a teamwork 4) Students able to Creatively design crop water balance, planting and harvesting times and their impact on yields in a teamwork</i>
Content	<i>The agro-climatology course examines the interaction between weather/climate and plants. The absorbed radiation interception and water needed are the examples of such interactions. The Impact of global climate change on agriculture is also studied in depth both for the radiation balance, the efficiency of using radiation and plant biomass, the phenology of annual and seasonal crops, the climate classification in Indonesia as well as the implications for the plant water balance which resulting in shifts in planting and harvesting schedule.</i>
Examination forms	<i>Essay, oral, Presentation.</i>
Study and examination requirements	<i>Overall score is above 60 Minimum Attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<i>1) Physics: Thermodynamics Law, Newton Law, Hydrostatics Law 2) Weather/Climate elements: sun radiation, temperature, humidity, air pressure, wind speed and direction, precipitation, and evapotranspiration</i>

20) Basics of Communication

Module designation	<i>Basics of Communication</i>
Semester(s) in which the module is taught	2
Person responsible for the module	<i>Nurmelati Septiana, S.P, M.Si</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory Soil Sains, Agronomi</i>
Teaching methods	<i>the small group discussion, cooperative methods of group investigation type, class percentages and discussions, problem based learning method,</i>
Workload (incl. contact hours, self-study hours)	<i>Lecture: 90,6 hours Practice : 45,28 hours</i>
Credit points	<i>2(2-0)</i>
Required and recommended prerequisites for joining the module	<i>No Required</i>
Module objectives/intended learning outcomes	<ol style="list-style-type: none"> 1) <i>Demonstrate an attitude of respect for cultural diversity through an effective communication process.</i> 2) <i>Applying the basic concepts and processes of communication in human life, which include: personal communication, interpersonal communication, group communication, public communication, organisational communication, and mass communication</i> 3) <i>Applying logical, critical, systematic, and innovative thinking to analyze communication processes in everyday social life by relating to the basic concepts of communication</i> 4) <i>Applying an understanding of communication science to everyday life</i>
Content	<i>The subject matter of this course includes an introduction to the basics of communication as a science and part of the social sciences, the scope of communication science, basic concepts, and communication processes in human life. The development of communication studies from various points of view includes personal communication, interpersonal communication, group communication, public communication, organisational communication, and mass communication</i>
Examination forms	<i>Essay, multiple choice, exercise</i>
Study and examination requirements	<i>Attendances :</i> <i>Lecture : 80 %</i> <i>Praktek : 100 %</i>
Reading list	<i>Wood, Julia T. 2014. Komunikasi Teori dan Praktik. Salemba Humanika : Jakarta</i>

21) Economics of Agriculture and Agribusiness

Module designation	<i>Economics of Agriculture and Agribusiness</i>
Semester(s) in which the module is taught	<i>Odd Semester (Semester 3)</i>
Person responsible for the module	<i>Dr. Ir. Yusuf Azis, M.Sc., Dr. Ir. Muhammad Husaini, M.S., Luki Anjardiani, S.P., M.P., Nina Budiwati, S.P., M.Si.</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory /-elective /-specialisation Other study programmes with which the module is shared: none</i>
Teaching methods	<i>Lecture plus method and problem solving methods (problem based learning)</i>
Workload (incl. contact hours, self-study hours)	<i>(Estimated) Total workload: 90,56 hours consist of Examination 11,32 hours; lecture 79,24 hour.</i>
Credit points	<i>2 credits</i>
Required and recommended prerequisites for joining the module	<i>Recommended prerequisite: Introduction of Economics (EGKK 102)</i>
Module objectives/intended learning outcomes	<i>Key question: what learning outcomes should students attain in the module? E.g. in terms of: 1) CLO1/PLO5: Applying economic, management and business concepts becomes an integrative part of agricultural and agribusiness economics, 2) CLO2/PLO6: Apply expertise using quantitative methods in solving agricultural and agribusiness economic problems, 3) CLO3/PLO6: Applying quantitative and qualitative methodologies in formulating agricultural development policies.</i>
Content	<i>The Agriculture and Agribusiness economics course provides the ability to apply economic, management and business concepts as an integrative part of agricultural and agribusiness economics, apply expertise using quantitative methods in solving agricultural and agribusiness economic problems, and apply quantitative and qualitative methodologies in formulating agricultural development policies.</i>
Examination forms	<i>Multiple choice and essay</i>
Study and examination requirements	<i>Student Requirements for successfully passing the module if they are declared passed if the overall score is above 67 (B-) Minimum Attendance is 80% for lecture</i>
Reading list	<i>1) Soekartawi, 2003. Prinsip Dasar Ekonomi Pertanian: Teori dan Aplikasi, PT,RajaGrafindo Persada Jakarta. 2) Soekartawi, 2005. Agribisnis: Teori dan Aplikasi, PT,RajaGrafindo Persada Jakarta. 3) Soekartawi, 2006. Pembangunan Pertanian, PT,RajaGrafindo Persada Jakarta. 4) Mubyarto, 2004. Pengantar Ekonomi Pertanian. Penerbit LP3ES. Jakarta.</i>

22) Agribusiness Management

Module designation	<i>Agribusiness Management</i>
Semester(s) in which the module is taught	<i>Odd Semester (Semester 3)</i>
Person responsible for the module	<i>Dr. Ir. M. Fauzi, MP., Dr. Ir. Yusuf Azis, M.Sc., Dr. Ir. Nuri Dewi Yanti, M.Sc., Muzdalifah, SP, M.Sc., A. Yousuf Kurniawan, SP, M.Si., Ana Fauziyatun Nissa, S.P, M.Sc</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory Names of other study programmes with which the module is shared: None</i>
Teaching methods	<i>e.g. lecture, presentation</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: 135,84 Contact hours: - Lecture : 90,56 - Practice: 45,28 Private study including examination preparation: 48</i>
Credit points	<i>3</i>
Required and recommended prerequisites for joining the module	<i>Existing competences in Basics of Management</i>
Module objectives/intended learning outcomes	<i>1) Students are able to applying economic, management and business concepts to solve problems in the field of Agribusiness 2) Students are able to identifying and formulating problems in the development and implementation of science and technology in the field of farming and plantation business 3) Students are able to designing resource allocation in the development and management of agribusiness systems</i>
Content	<i>This lecture provides students with an understanding of the concept of the agribusiness system. The agribusiness system is built from several sub-systems including the input sub-system; on-farm production sub-system; processing subsystem (agroindustry) to obtain added value; product marketing subsystem and supporting subsystem (infrastructure; TBSP; financing institutions and others). All sub-systems are one unit in the agribusiness system. Students must also understand that the agribusiness system is currently broad because it has links both vertically and horizontally so that the application of the agribusiness system must also be based on the concept of good management. In addition, agribusiness businesses are always faced with risk and uncertainty. Students are expected that before taking this course, they must first understand the basic concepts of management given during the basic lectures of the Faculty of Agriculture ULM. The ability to understand and analyze from students is obtained from face-to-face lectures (lectures), questions and answers, class discussions, field practicums and paper writing.</i>
Examination forms	<i>e.g. Multiple Choice and Essay</i>
Study and examination requirements	<i>Overall score is above 67 (B-) Minimum attendance is 80% for lecture.</i>
Reading list	<i>1) B. Saragih. 2001. Agribusiness: A New Paradigm of Agricultural-Based Economic Development. Young Entrepreneur Library, Bogor. 2) Downey. D.W & Erickson P.S. 1989. Agribusiness Management. 2nd edition. Erlangga Publishers. Jakarta.</i>

23) Basic of Sub Optimal Land Management

Module designation	<i>Basic of Sub Optimal Land Management</i>
Semester(s) in which the module is taught	<i>Odd (3)</i>
Person responsible for the module	<i>Prof.Dr.Ir. Ahmad Kurnain, M.Sc., Dr.Ir. Fakhrrur Razie, M.Si, Ir. M. Syarbini, M.P.</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory Other study programmes with which the module is shared: Agronomy</i>
Teaching methods	<i>lecture, practice, project</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: - Lecture : 90,56 hours - Practice: 45,28 hours Private study including examination preparation: 48</i>
Credit points	<i>3</i>
Required and recommended prerequisites for joining the module	<i>None</i>
Module objectives/intended learning outcomes	<i>1) To explain the definition and components of land, land functions for life and the environment 2) To explain the definition and causes, types and distribution of LSOs in Indonesia 3) Outline the principles and components of sub-optimal land management in a sustainable manner 4) To identify characteristics, key constraints, and approaches to overcome sub-optimal land constraints</i>
Content	<i>Students after taking this course have the knowledge and skills to manage biomass production in a sustainable manner and have the knowledge to manage sub-optimal land for biomass production in a sustainable manner, and have the basic competence to describe the meaning, components and functions of land; describe the meaning, causes, types and distribution of sub-optimal land; outline the principles and components of land management for biomass production in a sustainable; identify and sort out the characteristics, key constraints and approaches to overcome management constraints on several sub-optimal land types for sustainable biomass production.</i>
Examination forms	<i>Essay, project/assignment</i>
Study and examination requirements	<i>Overall score is above 67 Minimum Attendance is 80% for lecture and 100% for practical class/response</i>
Reading list	<i>1) Mulyani A., M. Sarwani. 2013. Characteristics and Potential of Sub-Optimal Land for Agricultural Development in Indonesia. Journal of Land Resources Vol 7 No 1 – 2013. 2) Hafif, B. 2017. Sub-Optimal Land Development and Productivity Improvement through Regional Policies in Lampung. Proceedings of the National Seminar on The Development of Agricultural Technology. Lampung Agricultural Technology Assessment Center.</i>

24) Macroeconomics

Module designation	<i>Macroeconomics</i>
Semester(s) in which the module is taught	<i>Even Semester (Semester 4)</i>
Person responsible for the module	<i>Dr. Ir. Hamdani, M.S., Ir. Hj. Kamiliah Wilda, M.P. Ir. Djoko Santoso, M.Sc. Ana Fauziyatun Nisa, S.P., M.Sc.</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i> <i>Names of other study programmes with which the module is shared: None</i>
Teaching methods	<i>e.g. lecture, practice</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload:</i> <i>Contact hours:</i> <i>- Lecture : 79,24</i> <i>- Practice: 42,45</i> <i>Private study including examination preparation: 48</i>
Credit points	<i>3</i>
Required and recommended prerequisites for joining the module	<i>Existing competences in Introduction of Economics course</i>
Module objectives/intended learning outcomes	<i>1) Students are able to understand the basic principles of macroeconomics used as a basis to get a better understanding of various phenomena arose in national economic life (CLO 1/PLO 5)</i> <i>2) Students are able to analyze macroeconomic problems, the main types and datas used to observe and assess the achievements of economic activities, government policies that can be used to solve macroeconomic problems (CLO 2/PLO 7)</i>
Content	<i>The Introduction to Macroeconomics course is a course that studies various basic concepts of macroeconomic studies which include national income, consumption, savings and investment, analysis of determining the balance of national income, international trade, money and banks, economic development and growth, and economic planning. This course is presented in even semesters and is a compulsory subject for 6th semester students. The subject matter in this Macroeconomics Theory course includes Macroeconomic Concepts, Calculation of National Income, Concepts of Determining Economic Activities from the Classical, Keynesian, and Contemporary Views, Two-factor Economic Equilibrium Concept, Three-Factor Economic Equilibrium Concept, Open Economic Equilibrium Concept, Aggregate Demand (AD) – Aggregate Supply (AS) Equilibrium, Money Supply and A Country's Economic Activity, Unemployment, Inflation and Government Policy, Foreign Trade, Protection and Globalization, Balance of Payments, Foreign Exchange, and Economic Growth and Development.</i>
Examination forms	<i>e.g. oral presentation, essay, etc.</i>
Study and examination requirements	<i>Overall score is above 67 (B-)</i> <i>Minimum attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<i>1) Reksoprayitno, S. (1997). Ekonomi Makro: Analisis Pendapatan Nasional. Yogyakarta: Liberty.</i> <i>2) Samuelson, Paul A. & Nordhaus, W.D. (2001). Macroeconomic. 17th Edition. New York: The McGraw-Hill Company, Inc.</i> <i>3) Slavin, S.L. (1999). Macroeconomics. 5 th Edition. New York: The McGraw-Hill Company, Inc.</i> <i>4) Sukirno, Sadono. (2003). Pengantar Ekonomi Makro . Jakarta: UI Press.</i>

25) Production Economics

Module designation	<i>Production Economics</i>
Semester(s) in which the module is taught	6
Person responsible for the module	<i>Nuri Dewi Yanti, Ahmad Yousuf Kurniawan</i>
Language	<i>Indonesia</i>
Relation to curriculum	<i>Compulsory /elective /specialisation</i> <i>Other study programmes with which the module is shared: None</i>
Teaching methods	<i>lecture, lesson, practice</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload:</i> <i>Contact hours:</i> <i>- Lecture : 95,56</i> <i>- Practice: 45,28</i> <i>Private study including examination preparation: 48</i>
Credit points	3
Required and recommended prerequisites for joining the module	<i>Recommended prerequisite: Mathematics (EKWF2101), Microeconomics (EAGB2560)</i> <i>Existing competences in microeconomics</i>
Module objectives/intended learning outcomes	<i>Key question: what learning outcomes should students attain in the module?</i> <i>- Student able to apply the concept of economics, management and business to solve production related problems in agriculture.</i> <i>- Student able to apply their skill in agricultural production economic to solve problems related to resource management.</i> <i>- Student able to determine the use of production factors efficiently.</i> <i>- Student able to evaluate the optimum production factors efficiently</i>
Content	<i>The module provides students with the ability to understand, apply and analyse related to the concepts and scope of production economics, production theory and production costs. Furthermore, it will be related to production optimization in the production process by using one input and many input production factors, optimizing production with one output and many outputs.</i> <i>This module consists of lectures and practicum/responses. Lectures are conducted by providing an understanding of concepts related to the optimal input/output allocation and use. The practicum/response activities are filled with exercises and problem solving in production economics in agriculture.</i>
Examination forms	<i>Essay</i>
Study and examination requirements	<i>Overall score is above 67</i> <i>Minimum Attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<ol style="list-style-type: none"> 1) <i>Beattie, B.R. & Taylor, C.R. 1985. The Economic Production. John Wiley & Sons, NY</i> 2) <i>Kasim, A. Syarifuddin (2009). Pengantar Ekonomi Produksi Pertanian</i> 3) <i>Lipsey, R.G. & Harbury, C. 1988. First Principles of Economics. Weidenfeld and Nicolson</i> 4) <i>Rasmussen, Svend (2013). Production Economics. The Basic Theory of Production Optimization</i> 5) <i>Semaoen, I. 1992. Ekonomi Produksi Pertanian. Teori dan Aplikasi. ISEI, Jakarta</i> 6) <i>Tasman, Aulia (2006). Ekonomi Produksi. Teori dan Aplikasi (Edisi I). Chandra Pratama, Jambi.</i>

26) Basics of Accounting

Module designation	<i>Basics of Accounting</i>
Semester(s) in which the module is taught	<i>Even Semester (Semester 4)</i>
Person responsible for the module	<i>Hj. Nina Budiwati, SP, M.Si., Hj. Luki Anjardiani, SP., MP., Mira Yulianti, SP., MP., Karimal Arum Shafriani, SP., MP.</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory /-elective /-specialisation Other study programmes with which the module is shared: None</i>
Teaching methods	<i>Small group discussion, and cooperative learning</i>
Workload (incl. contact hours, self-study hours)	<i>(Estimated) Total workload: 135,84 hours consist of Examination 16,98 hours; lecture 79,24 hours and Practice 39,62 hours.</i>
Credit points	<i>3 credits</i>
Required and recommended prerequisites for joining the module	<i>Recommended prerequisite: Mathematics (EKWF2101)</i>
Module objectives/intended learning outcomes	<i>Key question: what learning outcomes should students attain in the module? E.g. in terms of: a. CLO1/PLO4: Explain accounting and its environment, b. CLO2/PLO6: Outlining the accounting cycle in a service company, c. CLO3/PLO6: Outlining the accounting cycle in a trading company.</i>
Content	<i>Basics of Accounting course is a course that studies the meaning of accounting and financial statements and financial analysis that can be used by students in everyday life and provide a solid foundation for students who will take other courses in business and finance. This course also provides basic knowledge for students regarding the accounting profession. The focus of discussion of this course is the importance of accounting information and financial statements as a reporting medium and a system that produces this information.</i>
Examination forms	<i>Oral presentation and essay</i>
Study and examination requirements	<i>Student Requirements for successfully passing the module if they are declared passed if the overall score is above 67 (B-) Minimum Attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<i>1) S.R, Soemarso.2009. Akuntansi Suatu Pengantar. Buku I Edisi V. Penerbit Salemba Empat. Jakarta. 2) Jusup, Haryono. 2001. Dasar-dasar Akuntansi. Jilid 1 Edisi ke 6. Bagian Penerbitan Sekolah Tinggi Ilmu Ekonomi YKPN. Yogyakarta</i>

27) Human Ecology of Sub-Optimal Land

Module designation	<i>Human Ecology of Sub-Optimal Land</i>
Semester(s) in which the module is taught	<i>Even (4)</i>
Person responsible for the module	<i>Ir. Eka Radiah, M.Si., Nurmelati Septiana, SP, M.Si, Ir. Mariani, M.Si., Hairi Firmansyah, SP., M.Si</i>
Language	<i>Indonesia</i>
Relation to curriculum	<i>Compulsory Other study programmes with which the module is shared: None</i>
Teaching methods	<i>lecture, practice, project</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: Lecture : 90,56 Private study including examination preparation: 48</i>
Credit points	<i>2</i>
Required and recommended prerequisites for joining the module	<i>None</i>
Module objectives/intended learning outcomes	<i>To explain the concept of Ecology and human ecology including nutrition, food, and human ecology systems, ecological-based agricultural development, communication & community empowerment based on ecology, population, health & environment as well as gender & green consumers</i>
Content	<i>This course studies about ecological system, sustainable agriculture, and community empowerment based on ecology and also supported by the use of technology and its impact on the environment where the population is located as producers and consumers, and communicate it in the perspective of human ecology.</i>
Examination forms	<i>Essay, project/assignment</i>
Study and examination requirements	<i>Overall score is above 67 Minimum Attendance is 80% for lecture and 100% for practical class/response</i>
Reading list	<ol style="list-style-type: none"> 1) <i>Abdoellah, Oekan.S.2017. Ekologi manusia dan pembangunan berkelanjutan. PT.Gramedia : Jakarta</i> 2) <i>Adiwibowo, Soeryo (editor). 2007. Ekologi Manusia. Fakultas Ekologi Manusia IPB, Bogor</i> 3) <i>Marten, G.G.2001.Human Ecology,Basic Concepts for Sustainable Development. London, UK : Earthscan Publishing Ltd</i> 4) <i>Nasution, Zahri.2013. Pendekatan Human Ecology Dalam Studi Sosial Ekonomi Perikanan. IMFISERN : Jakarta</i> 5) <i>Soemarwoto, Otto. 2004. Ekologi, Lingkungan Hidup dan Pembangunan. Penerbit Djambatan : Jakarta</i> 6) <i>Soerjani, Moh, dkk (Editor). 1987. Lingkungan : Sumberdaya Alam Dan Kependudukan Dalam Pembangunan.Ul-Press : Jakarta</i>

28) Marketing Channel

Module designation	<i>Marketing Channel</i>
Semester(s) in which the module is taught	6
Person responsible for the module	<i>Djoko Santoso Ahmad Yousuf Kurniawan</i>
Language	<i>Indonesia</i>
Relation to curriculum	<i>Compulsory /elective /specialisation Other study programmes with which the module is shared: None</i>
Teaching methods	<i>Lecture</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: - Lecture : 95,56 Private study including examination preparation: 32</i>
Credit points	3
Required and recommended prerequisites for joining the module	<i>Recommended prerequisite: Introduction to Economics) Existing competences in economics</i>
Module objectives/intended learning outcomes	<i>Key question: what learning outcomes should students attain in the module? 1) Student able to apply the concept of economics, management and business to solve marketing channel related problems in agriculture. 2) Student able to identify and analyze problems in agribusiness product marketing. 3) Student able to evaluate and formulate alternative solution to increase the effectivity and efficiency of agribusiness product marketing</i>
Content	<i>The course provides students with the ability to understand, apply and analyze activities that occurs in the activity of distributing agricultural products from the hands of producers to consumers with various channels marketing and institutions that carry it out in several forms and market structures that occur, various types of costs and the calculation of marketing margins/efficiency, and about ways of improvement and agricultural trading policies..</i>
Examination forms	<i>Essay, multiple choice</i>
Study and examination requirements	<i>Overall score is above 67 Minimum Attendance is 80%</i>
Reading list	<i>1) Anindita, Ratya. 2004. Pemasaran Hasil Pertaian. POPYRUS, Surabaya. 2) Sudyono, Armand. 2002. Pemasaran Pertanian. Universitas Muhammadiyah, Malang.</i>

29) Counseling and Communication for Community Development Course Mentoring Team

Module designation	<i>Counseling and Communication for Community Development Course Mentoring Team</i>
Semester(s) in which the module is taught	6
Person responsible for the module	<i>Ir. Hj. Mariani, M.Si</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i>
Teaching methods	<i>Lecture method, The small group discussion, class percentages and discussions, Problem Based Learning method, cooperative methods of group investigation type</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: - Lecture : 95,56 - Practice: 45,28 Private study including examination preparation: 48</i>
Credit points	<i>3(2-1)</i>
Required and recommended prerequisites for joining the module	<i>No Required</i>
Module objectives/intended learning outcomes	<i>1) Applying the concept of extension and community development communication in the development of agricultural communities 2) Analyzing methods, and models of development of agricultural societies 3) Formulating the design of the development of agricultural societies 4) Identify and analyze the implications of the concept and process of community development towards the empowerment of agricultural communities 5) Evaluating the forms of innovation and forms of methods, models, design of extension and communication for the development of agricultural communities</i>
Content	<i>This course on counseling and community development uses a communication model that includes targets, sources, objectives, techniques, tools, organizations, and materials to study counseling and community development. Development of the Community and Counseling Communication and the process by which innovations are adopted and spread. Policies for the application of counseling and communication in community development will also be covered in this course. Lectures and practical exercises make up this course. Practicum is a class practicum that takes the form of conversations, presentations, case studies, and demonstrations of the effectiveness of counseling techniques, resources, tools, and props. With 5-7 participants in each group, practicum is conducted in groups. Each group is entrusted with researching and evaluating counseling techniques, goals, and resource materials.</i>
Examination forms	<i>Essay, multiple choice, exercise</i>
Study and examination requirements	<i>Overall score is above 67 Minimum Attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<i>1) Levis. 1996. Komunikasi Penyuluhan Pedesaan. Bandung: PT Citra Aditya Bakti. 2) Mardikanto, Totok. 2011. Pemberdayaan Masyarakat. Surakarta: UNS Press. 3) Mosher. A.T. Disadur oleh Krisnandi. S, & Samad Bahrin. 1965. Menggerakkan dan Membangun Pertanian. Jakarta. CV Yasaguna. Cetakan 4.</i>

30) Farming and Plantation Management

Module designation	<i>Farming and Plantation Management</i>
Semester(s) in which the module is taught	<i>Even Semester (Semester 4)</i>
Person responsible for the module	<i>Dr. Ir. Yusuf Azis, M.Sc, M.Si; Dr. Ir. Hairin Fajeri, MP; Muzdalifah, SP; M.Sc; Karimal Arum Shafriani, SP, MP</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i>
Teaching methods	<i>e.g. lecture, practice</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: - Lecture : 79,24 hours - Practice: 42,45 hours Private study including examination preparation: 48</i>
Credit points	<i>3</i>
Required and recommended prerequisites for joining the module	<i>-</i>
Module objectives/intended learning outcomes	<i>1) Students are expected to be able to apply economic, management and business concepts to solve problems of farming and plantation business 2) Students are expected to be able to apply science and technology in solving development problems of farming and plantations 3) Students are expected to be able to identify and evaluate the management of farms and plantations</i>
Content	<i>The Farm and Plantation Management course provides students with the ability to understand, to apply and to analyze farming as a whole and the branches of farming, factors that influence the formation of farming and the application of economic principles used in the decision-making process of farming. In plantation companies contain the concept of gardens, organizational structure, stages and types of work on an estate and marketing. As well as how the process of managing finances. This course consists of lectures and practicums. Practicum is a combination of class practicum in the form of discussions and presentations as well as field practicum by visiting or case studies to farming or plantation business units. Practicum is carried out in groups with members of 5-7 people per group. Each group is tasked with studying and analyzing the management of farming or plantation units in accordance with the teaching materials provided in lectures</i>
Examination forms	<i>e.g. quiz, oral presentation, literature review and reviewing plantation management journals, etc.</i>
Study and examination requirements	<i>Overall score is above 67 (B-) Minimum attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<i>1) Hernanto, F. 2007. Ilmu Usahatani. Penebar Swadaya, Jakarta. 2) Kasim, syarifuddin, 2006. Ilmu Usahatani. Jurusan Sosial Ekonomi Pertanian, ULM Press. Banjarbaru</i>

31) International Trade

Module designation	<i>International Trade</i>
Semester(s) in which the module is taught	7
Person responsible for the module	<i>Dr. Ir. Muhammad Husaini, MS Dr. Ir. Sadik Ikhsan, MSc., DAD, IPU Dr. Yudi Ferrianta, SP, MP Ir. Djoko Santoso, M.Sc.</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i>
Teaching methods	<i>Lesson</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: Lecture (practice and theory) : 90,56 Hour Private study including examination preparations: 48</i>
Credit points	2
Required and recommended prerequisites for joining the module	<i>None</i>
Module objectives/intended learning outcomes	<i>1) Students are expected to be able to understand the basic theory of international trade, which can be used as a basis for gaining a better understanding of various phenomena that arise in the national economy. 2) Students are able to understand and analyse various problems in international trade, the main types and data used to observe and assess national trade activities, and government policies that can be used to solve problems in international trade.</i>
Content	<i>Subject International Trade is a course that studies various basic concepts, which include the law of comparative advantage, international balance due to increased costs, the Hechscher-Ohlin model, alternative theories, growth and trade, tariff theory, protection arguments, commercial instruments and policies, and trade areas.</i>
Examination forms	<i>Essay</i>
Study and examination requirements	<i>Overall score is above 67 Minimum Attendance is 80% for lecture.</i>
Reading list	<i>1) Chacholiades Miltiades, 1990. Internasional Economics. Mc Graw-Hill Publishing Company. Singapura 2) Halwani Hendra. 2005. Ekonomi Internasional & Globalisasi Ekonomi. Ghalia Indonesia. Bogor 3) Lipsey and Chrystal. 1995. Positive Economics (eighth Edition). Oxford University Press</i>

32) Consumer Behavior

Module designation	<i>Consumer Behavior</i>
Semester(s) in which the module is taught	5
Person responsible for the module	<i>Ir. Djoko Santoso, MSc Ir. Hj. Kamillah Wilda, MP Muzdalifah, SP, MSc A. Yousuf Kurniawan, S.P, M.Si</i>
Language	<i>Indonesia</i>
Relation to curriculum	<i>Compulsory Other study programmes with which the module is shared: None</i>
Teaching methods	<i>lecture, lesson</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: Lecture : 90,56 hours in one semester Private study including examination preparation: 32 hours for 1 semester</i>
Credit points	2
Required and recommended prerequisites for joining the module	<i>Required prerequisites : none Recommended prerequisite: Basic of Management (EFKK 108), Agricultural Commerce (EGKK 215), Agribusiness Management (EGKB 202), Basic Communication (EGKK 214) Existing competences in : none</i>
Module objectives/intended learning outcomes	<i>Key question: what learning outcomes should students attain in the module? 1) Students are able to Explain the basic meaning of consumer behavior, why it is important to study consumer behavior, and how to conduct consumer research 2) Students are able to explain the decision-making process by consumers and explain their behavior 3) Students are able to Identify psychological and socio-cultural aspects that influence consumer behavior and how to build relationships with consumers.</i>
Content	<i>This Consumer Behavior course discusses consumer activities in choosing, making decisions, buying, using and evaluating the products they need. To know the influencing factors in decision making which include the environment / external, namely social, cultural, group, refer e nsi and family, factors in the individual, namely attitudes, personality, lifestyle, motivation and perception, as well as psychological factors, namely information knowledge, learning and changes in behavioral attitudes. It studies about how the stages of the spread of product use (diffusion and innovation) too.</i>
Examination forms	<i>Essay, Presentation.</i>
Study and examination requirements	<i>Overall score is above 67 Minimum Attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<i>1) James F. Engel & Roger D. Blackwell & Paul W. Miniard: Consumer Behavior 2) Philip Kotler : Manajemen Pemasaran 3) John C. Mowen: Consumer Behavior 4) Stanton: Prinsip Pemasaran 5) David L. Loudon & Albert J. Della Betta: Consumer Behavior 6) Ristijanti Prasetijo dan John J.O.I. Ihalaw: Perilaku Konsumen</i>

33) Study of Population

Module designation	Study of Population
Semester(s) in which the module is taught	<i>Odd Semester (Semester 3 or 5)</i>
Person responsible for the module	<i>Ir.Hj.Eka Radiah,M.Si; Hj. Luki Anjardiani, SP, MP; Hj. Nina Budiwati, SP, M.P; Rifiana, SP, MP</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i>
Teaching methods	<i>e.g. lecture, practice</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: - Lecture : 90,56 hours - Practice: 45,28 hours Private study including examination preparation: 48</i>
Credit points	<i>2</i>
Required and recommended prerequisites for joining the module	<i>-</i>
Module objectives/intended learning outcomes	<i>1) Students are expected to be able to applying the concepts of economics, management, business, sociology and culture, communication and agricultural development 2) Students are expected to be able to Applying quantitative and qualitative methodologies in agribusiness 3) Students are expected to be able to identify, evaluate and anticipate the management of agribusiness systems in wetlands/sub-optimal</i>
Content	<i>This course discusses the importance of the population as the center of development and its number is largely determined by its constituent variables, namely fertility, mortality and population migration. In addition, the dynamization of demographic variables also greatly affects development in all fields, both social, economic, cultural, political, environmental and security defense fields. Therefore, control over the number and quality of the population is very important to study so that the existing population can be used as an asset of the nation and not as a burden for development.</i>
Examination forms	<i>e.g. quiz, Non-test assessment using descriptive rubric, etc.</i>
Study and examination requirements	<i>Overall score is above 67 (B-) Minimum attendance is 80% for lecture</i>
Reading list	<i>1) Fundamentals of Demographics, 1981. LDFE-UI. Jakarta 2) N.Daldjoeni, 1981. Population Problems in facts and Alumni Figures.Bandung 3) Joseph, Maftuchah, 2000. Population Education & Environmental Ethics. Institute for The Study & Innovation of Education Temple Permai Branch. Yogyakarta 4) Soerjani, et al. 1987. Environment : Natural Resources And Population In Development. UI-Press. Jakarta 5) Heddy, Suwasono. 2010. Agroecosystems agricultural environmental problems for I & II. PT. Rajagrafindo Persada. Jakarta</i>

34) Business Strategy and Policy

Module designation	<i>Business Strategy and Policy</i>
Semester(s) in which the module is taught	<i>Odd Semester (Semester 5)</i>
Person responsible for the module	<i>Hairin Fajeri, Joko Santoso, A. Yousuf Kurniawan, Kamiliah Wilda</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i> <i>Names of other study programmes with which the module is shared: None</i>
Teaching methods	<i>e.g. lecture, practice</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload:135,84</i> <i>Contact hours:</i> <i>- Lecture : 79,24</i> <i>- Practice: 39,62</i> <i>Private study including examination preparation:48</i>
Credit points	<i>3</i>
Required and recommended prerequisites for joining the module	<i>Existing competences in Mathematics course</i>
Module objectives/intended learning outcomes	<i>1) The Explain and describe meaning of effective business strategies</i> <i>2) Identify strategic problems</i> <i>3) Apply effective knowledge of business strategies and policies</i>
Content	<i>Business strategy and policy course is designed to bring students to apply the concept of business management as part of economics and be able to apply logical, critical, systematic and innovative thinking in solving problems in the development and implementation of science in business management. This course contains the definition of business strategies and policies, types of business strategies for the short, medium and long term, integration strategies (Forward, backward and horizontal), intensive strategies (market penetration, market development and product development, as well as business strategy selection process</i>
Examination forms	<i>e.g. Essay</i>
Study and examination requirements	<i>Overall score is above 67 (B-)</i> <i>Minimum attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<i>1) Annie, C., Norman, P., & Kuang-peng, H. (2015). Strategic management of sales people when promoting new products: Moderating effects of sales- related organizational psychological climate. European Journal of Marketing, 49(9/10), 1616-1644. doi: 10.1108/EJM-03-2014-0181</i> <i>2) Chen, A., Peng, N., & Hung, K.-p. (2015). Strategic management of sales people when promoting new products: Moderating effects of sales-related organizational psychological climate. European Journal of Marketing, 49(9/10), 1616-1644. doi: 10.1108/EJM-03-2014-0181</i> <i>3) David, Fred R and David, Forest R, 2015, Strategic Management, Concept and Cases. 15th edition, PEARSON</i>

35) Project Analysis

Module designation	<i>Project Analysis</i>
Semester(s) in which the module is taught	<i>Odd Semester</i>
Person responsible for the module	<i>Dr. Ir. Hairin Fajeri, M.P., Ir. Nuri Dewi Yanti, M.Sc., Ph.D., Ir. Umi Salawati, M.Si., Rifiana, S.P., M.P.</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory Names of other study programmes with which the module is shared: Agricultural and Resource Economics</i>
Teaching methods	<i>Lecture</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: 183,84 Contact hours: - Lecture : 90,56 - Practice: 45,28 Private study including examination preparation: 48</i>
Credit points	<i>2</i>
Required and recommended prerequisites for joining the module	<i>None</i>
Module objectives/intended learning outcomes	<i>1) Apply the concepts of economics and agricultural development as part of the Agricultural Project Analysis 2) Apply logical, critical, systematic and innovative thinking in solving problems in the development and implementation of science and technology in Agricultural Project Analysis</i>
Content	<i>The Agricultural Project Analysis course is designed to enable students to apply the concepts of agricultural economics and development as part of the science of planning and development and to be able to apply logical, critical, systematic and innovative thinking in solving problems of the development and implementation of science and technology in agribusiness development planning. This course contains aspects of project feasibility, such as technical aspects, market aspects, environmental aspects, and socio-economic aspects.</i>
Examination forms	<i>Essay, multiple choice</i>
Study and examination requirements	<i>Overall score is above 67 (B-) Minimum attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<i>1) Introduction to Project Evaluation. Clive Gray and Lien K. Sabur translated by Payaman Simanjuntak and PFL Maspaitella. 1985. PT. Gramedia. Jakarta. 2) Project Feasibility Study. Suad Husnan and Suwarsono Muhammad. Fourth edition. 2000. UPP AMP YKPN. 3) Economic analysis of agricultural projects. Second edition. J. Price Gittinger. 1991. UI-Press-Johns Hopkins. 4) Cost-Benefit Analysis. 5th edition. EJ Mishan and Euston Quah. 2007. Routledge. 5) Business Feasibility Study. Revised Edition. HM Jacob Ibrahim. 2003. Rineka Cipta</i>

36) Econometrics

Module designation	<i>Econometrics</i>
Semester(s) in which the module is taught	<i>Odd Semester (Semester 5)</i>
Person responsible for the module	<i>Dr.Ir.H. Sadik Ikhsan, DAD, MSc., IPM Ir. Abdurrahman, MS Ir.Hj. Umi Salawati, MS Dr. Yudi Ferrianta, SP, MP</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i>
Teaching methods	<i>e.g. lecture, practice</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: - Lecture : 90,56 hours - Practice: 45,28 hours Private study including examination preparation: 48</i>
Credit points	<i>3</i>
Required and recommended prerequisites for joining the module	<i>-</i>
Module objectives/intended learning outcomes	<i>1) Student able to Integrate economic understanding and concepts together with statistics and mathematics as components that build econometrics 2) Students able to use econometric quantitative methodology in agribusiness 3) Applying logical, critical, systematic, and innovative thinking in problem solving in the development and implementation of econometrics in the field of agribusiness</i>
Content	<i>The Econometrics course is a quantitative tool for analyzing the connectedness of economic variables. The relationship between these economic variables is specified in the regression model equation. Estimation and analysis can be done manually, especially on simple regression equations and with two explanatory variables, and by applying software for multiple complex regression. Economic variables are characterized by their performance which is generally relatively more "free" to be influenced by a number of factors compared to variables observed in the laboratory or in controlled field studies. Because of this, the error in estimating the specifications of the econometric model is often problematic because it violates a number of assumptions that underlie the estimation. Apart from being observed in cross-section, economic variables are also observed in a time series. The involvement of time series variables also contaminates errors which, in turn, have an impact on violating the assumptions underlying the estimation. Inside the m.k. This econometrics also presents material regarding the application of forecasting procedures and analysis of demand, production, distributed-lag (Koyck) models, Adaptive Expectations, and Partial Adjustments, as well as time series.</i>
Examination forms	<i>Quiz, practice, essay.</i>
Study and examination requirements	<i>Overall score is above 67 (B-) Minimum attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<i>1) Koutsoyiannis, A. 1977. Theory of Econometrics. Ed. ke-2. Macmillan, London 2) Gujarati, D. & Porter, D.C. 2009. Basic Econometrics. Ed. ke-5. The McGraw-Hill Co., NY 3) Maddala, G.S. & Lahiri, K. 2009. Introduction to Econometrics, West Sussex</i>

37) Marketing Management

Module designation	<i>Marketing Management</i>
Semester(s) in which the module is taught	5
Person responsible for the module	<i>Ir. Djoko Santoso, MSc., Ir. Hj.Kamiliah Wilda, MP., Muzdalifah, SP, MSc., Mira Yulianti, SP, MSi</i>
Language	<i>Indonesia</i>
Relation to curriculum	<i>Compulsory Other study programmes with which the module is shared: None</i>
Teaching methods	<i>lecture, lesson</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: Lecture : 90,56 hours in one semester Private study including examination preparation: 32 hours for 1 semester</i>
Credit points	2
Required and recommended prerequisites for joining the module	<i>Required prerequisites : none Recommended prerequisite: Basic of Management (EFKK 108), Agricultural Commerce (EGKK 215), Agribusiness Management (EGKB 202) Existing competences in : none</i>
Module objectives/intended learning outcomes	<i>Key question: what learning outcomes should students attain in the module? 1) Students are able to apply management and business concepts as part of Marketing Management science 2) Students are able to apply management and business concepts as part of Marketing Management scienc</i>
Content	<i>This course is intended to provide students with an understanding of the importance of changes in marketing in the XXI century which has a major impact on the business world. The boundaries and scope of marketing management adapt the mind set to the global changes that occur. The change in business orientation towards holistic marketing is a necessity to win market competition. An understanding of the preparation of strategies and marketing plans becomes a basic need to become a successful marketing actor. In the framework of this planning, scanning the business environment and marketing research needs to be carried out in order to make customer satisfaction and loyalty. On the other hand, market analysis to determine the most promising segments, target markets and determine the image and position of the product is something necessary. The main focus of the activities of business organizations is on the consumer as the central point. The 4p marketing mix (products, prices, places, and promotions) also need to be interpreted as other 4ps (people, processes, programs, performance) so that marketing activities are not only the task of the Marketing Division, but also involve all divisions in the business organization.</i>
Examination forms	<i>Essay, Presentation.</i>
Study and examination requirements	<i>Overall score is above 67 Minimum Attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<i>1) Philip Kotler, Kevin Lane Keller. 2012. Marketing management 14th ed. Pearson Education, Inc., publishing as Prentice Hall, One Lake Street, Upper Saddle River, New Jersey 07458. 2) Philip Kotler, 2000. Marketing Management Millenium Edition, Tenth Edition. Pearson Education, Inc., publishing as Prentice Hall, One Lake Street, Upper Saddle River, New Jersey 07458.</i>

38) Social Cultural Capital

Module designation	<i>Social Cultural Capital</i>
Semester(s) in which the module is taught	<i>5/3</i>
Person responsible for the module	<i>Ir. Hj. Mariani, M.Si., Ir. Hj. Eka Radiah, M.Si., Masyhudah Rosni, SP, M.Si., Hairi Firmansyah, SP, M.Si</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i>
Teaching methods	<i>Lesson</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: Lecture (practice and theory) : 90,56 Hour Private study including axamination preparations: 48</i>
Credit points	<i>2</i>
Required and recommended prerequisites for joining the module	<i>None</i>
Module objectives/intended learning outcomes	<i>1) Students are able to Applying the concepts of sociology, culture, communication, and agricultural development as an integrative part of social and cultural capital in community 2) Students are able to Identify and manage sociology, culture, communication, and agricultural development as an integrative part of social and cultural capital in community 3) Students are able to Evaluating sociology, culture, communication, and agricultural development as an integrative part of social and cultural capital in community</i>
Content	<i>The scope of the Local Social and Cultural Capital course covers the Concept and scope of Local Social and Cultural Capital, The form of components of strengthening social capital, The objectives of strengthening social capital, The Functions and roles of local social and cultural capital, institutional development and formation of social capital, local institutions and social capital in community life, participation of community in local social and cultural capital, social relations, local cultural values, social networks and social leadership, Social Capital and Poverty Reduction, Factors that drive and hinder the development of local social and cultural capital, Local wisdom and local knowledge of communities in wetlands.</i>
Examination forms	<i>Essay.</i>
Study and examination requirements	<i>Overall score is above 67 Minimum Attendance is 80% for lecture.</i>
Reading list	<i>1) Field, Johan. 2011. Modal Sosial. Kreasi Wacana: Yogyakarta. 2) Hasbullah, J. 2006. Social Capital (Menuju Keunggulan Budaya Manusia Indonesia). MR-United Press: Jakarta. 3) Chamsyah, Bachtiar. 2005. Social Investment. Puspensos: Jakarta. 4) Hidayat, Taufik. 2000. Studi Kearifan Budaya Petani Banjar dalam Pengelolaan Lahan Rawa Pasang Surut di Kabupaten Barito Kuala.</i>

39) Social and Cultural Change

Module designation	<i>Social and Cultural Change</i>
Semester(s) in which the module is taught	<i>Even (6)</i>
Person responsible for the module	<i>Masyhudah Rosni, SP, M.Si., Nurmelati Septiana, SP, M.Si., Drs.Usamah Hanafie, M.Si., Ir. Mariani, M.Si</i>
Language	<i>Indonesia</i>
Relation to curriculum	<i>Compulsory Other study programmes with which the module is shared: None</i>
Teaching methods	<i>lecture, practice, project</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: Lecture : 90,56 Private study including examination preparation: 48</i>
Credit points	<i>2</i>
Required and recommended prerequisites for joining the module	<i>None</i>
Module objectives/intended learning outcomes	<ol style="list-style-type: none"> <i>1) To explain the concepts of sociology, culture, and agricultural development as an integrative part of social and cultural change in society</i> <i>2) To identifying and formulating problems in the development and implementation of science and technology in the socio-cultural field of society</i> <i>3) To applying expertise in the field of agribusiness technology to solve problems in socio-cultural communities</i>
Content	<i>The Social and Cultural Change course provides students with the ability to understand, identify, analyze, and apply social and cultural change, the relationship between social change and cultural change, forms of social change, and factors that cause and influence social change. On social and cultural change, it contains the process and direction of social change, cultural concepts, social interactions, and social layers in society.</i>
Examination forms	<i>Essay, project/assignment</i>
Study and examination requirements	<i>Overall score is above 67 Minimum Attendance is 80% for lecture and 100% for practical class/response</i>
Reading list	<ol style="list-style-type: none"> <i>1) Mutakin. 2006. Individu, Masyarakat dan Perubahan Sosial. PPS UPI . Bandung.</i> <i>2) Mutakin. 2008. Hakekat Manusia dalam Dinamika Sosial Budaya. PPS UPI . Bandung.</i> <i>3) Hartono, N. 2014. Sosiologi Perubahan Sosial. Jakarta: PT Raja Grafindo Perkasa.</i> <i>4) Ranjabar, J. 2015. Perubahan Sosial Teori-Teori dan Proses Perubahan Sosial Serta Teori Pembangunan. CV Alfabeta. Bandung.</i> <i>5) Suwarsono & So, A.Y. 2016. Perubahan Sosial dan Pembangunan. LP3ES. Jakarta.</i> <i>6) Sztompka, P. 2011. Sosiologi Perubahan Sosial. Prenada. Jakarta</i>

40) Human Resources Management

Module designation	Human Resources Management
Semester(s) in which the module is taught	<i>Even Semester (Semester 6)</i>
Person responsible for the module	<i>Nina Budiwati, SP, M.Si; Muzdalifah, SP, M.Sc; Ir.Eka Radiah, M.Si; Ir. Kamillah Wilda, MP</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i>
Teaching methods	<i>e.g. lecture, practice</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: Lecture (practice and theory) : 90,56 hours</i>
Credit points	<i>2 sks</i>
Required and recommended prerequisites for joining the module	-
Module objectives/intended learning outcomes	<ol style="list-style-type: none"> <i>1) Students are expected to be able to apply economic, management and business concepts to solve problems in human resource management</i> <i>2) Students are expected to be able to identify allocations and strategies for increasing human resource capacity in human resource management</i> <i>3) Students are expected to be able to identify human resources who have business ethics for the development and management of agribusiness</i>
Content	<i>Human Resource Management Course studies Human Resource (HR) management, which includes planning, organizing, supervising, developing, compensating, integrating, maintaining and terminating work. In modern organizations, the central role of man in the achievement of organizational goals is indisputable. The consequence is that it takes members of the organization or human resources who are not only capable, but highly motivated and ethical. Here is the effective human resource management becomes very important. In varying intensity and scope, HR management activities become an important and strategic part of the organizational system, synergizing with other organizational functions. Human resource management is a central function of the organization occupational safety and health on that is responsible for obtaining the best human resources, training them appropriately, motivating, and retaining them to stay active in the organization.</i>
Examination forms	<i>e.g. quiz, oral presentation, literature, essay, etc</i>
Study and examination requirements	<i>Overall score is above 67 (B-) Minimum attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<ol style="list-style-type: none"> <i>1) Marwansyah. 2012. Manajemen Sumberdaya Manusia. Edisi Kedua. Alfabeta, Bandung</i> <i>2) Kasim, Syarifuddin, 2006.</i> <i>2) Danang Sunyoto. 2015. Penelitian Sumber Daya Manusia, Teori, Kuesioner, Alat Statistik, dan Contoh Riset. Center of Academic Publishing Service, Yogyakarta</i> <i>3) H. Malayu S.P. Hasibuan. 2005. Manajemen Sumber Daya Manusia. PT Bumi Aksara, Jakarta</i>

41) Regional Development Planning

Module designation	Regional Development Planning
Semester(s) in which the module is taught	6
Person responsible for the module	<i>Prof. Dr. H.Luthfi, MS., Dr. Ir. H. Hairin Fajeri, MP., Ir. Hj. Umi Salawati, M.Si., Mira Yulianti, SP, MSi</i>
Language	<i>Indonesia</i>
Relation to curriculum	<i>Compulsory Other study programmes with which the module is shared: None</i>
Teaching methods	<i>lecture, lesson</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: Lecture : 90,56 hours in one semester Private study including examination preparation: 32 hours for 1 semester</i>
Credit points	2
Required and recommended prerequisites for joining the module	<i>Required prerequisites : none Recommended prerequisite: Human Resource Management (EGKB 308), Agribusiness Development and Policy (EGKK 428). Existing competences in : none</i>
Module objectives/intended learning outcomes	<i>Key question: what learning outcomes should students attain in the module? 1) Students able to identify and detail the development of agriculture/agribusiness 2) Students are able to elaborate on development and growth 3) Students able to identify and clarify the theory of agricultural development and the dualism of development 4) Students able to identify and manage various policies in agriculture/agribusiness</i>
Content	<i>This Agribusiness Development and Policy course provides students with understanding and insight into the concept and formulation of policies which are generally the basis for policy making in the agricultural/ agribusiness sector, especially by regulators or of the Course government parties. In addition, this course also provides room for students to assess, criticize and provide solutions for improving agricultural/agribusiness development policies both at the regional and national levels. This course is presented in semester VII, in condition that students have attended the Introduction to Economics and macroeconomics course. This course discusses development and growth, agricultural/agribusiness development and its problems, the theory of development dualism and various agricultural/agribusiness policies in wetlands. Students are given group assignments with 5-7 members per group. Each group is tasked with studying and analyzing agricultural/agribusiness development and various policies in wetlands adapted to the teaching materials provided in lectures.</i>
Examination forms	<i>Essay, oral, Presentation.</i>
Study and examination requirements	<i>Overall score is above 60 Minimum Attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<i>1) Yuwono, Triwibowo. 2016.Pembangunan Pertanian :Membangun Kedaulatan Pangan Edisi Cetakan 2.UGMPress.Yogyakarta. 2) M.Wanto, Sastro.2017.Kebijakan Pembangunan Pertanian dan Ekonomi Politik di Tingkat Lokal. Penerbit Alinea Baru.Yogyakarta 3) Arifin, Bustanul. 2004. Analisis Ekonomi Pertanian Indonesia. Penerbit Kompas. Jakarta</i>

42) Preparation and Evaluation of Agribusiness Community Extension and Empowerment Programs Lecturer Course Team

Module designation	<i>Preparation and Evaluation of Agribusiness Community Extension and Empowerment Programs Lecturer Course Team</i>
Semester(s) in which the module is taught	6
Person responsible for the module	<i>Prof. Dr. Ir. Luthfi, MS., Ir. Hj. Mariani, M.Si., Masyhudah Rosni, SP, M.Si., Hairi Firmansyah, SP, M.Si</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i>
Teaching methods	<i>Lecture method, The small group discussion, class percentages and discussions, Problem Based Learning method, cooperative methods of group investigation type</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload:130,84 Contact hours: - Lecture : 95,56 - Practice: 45,28 Private study including examination preparation: 48</i>
Credit points	<i>3 (2-1)</i>
Required and recommended prerequisites for joining the module	<i>No Required</i>
Module objectives/intended learning outcomes	<i>1) Apply the scope and model of preparation of agribusiness community empowerment programs 2) Identifying and formulating problems in the development and implementation of science and technology in the field of agribusiness 3) Identifying the management of the agribusiness system in wetlands 4) Participate in the Management of the Agribusiness System in Wetlands 5) Designing resource allocation in order to increase community capacity for the development and management of wetland environmental agribusiness 6) Developing Community Capacity Building Strategies for Wetland Environmental Agribusiness Development and Management 7) Designing evaluations of wetland agribusiness technology applications aimed at community socio-cultural issues 8) Make an evaluation of the application of wetland agribusiness technology aimed at solving socio-cultural problems in the community</i>
Content	<i>The scope of this course includes material on the scope and model of an agribusiness community empowerment program, the objectives and problems of an agribusiness community empowerment program, the characteristics and elements of an agribusiness community empowerment program, the mechanisms and stages of preparation for an agribusiness community empowerment program, The process of implementing the preparation of an agribusiness community empowerment program, reporting and legitimacy of the program, evaluation of the program concept, variety evaluation of the program, scientific degree evaluation of the program, qualification evaluation of the program, aim and formulation of evaluation objectives for the program, steps of implementation of the evaluation of the program, and reporting evaluation of the agribusiness community empowerment program</i>
Examination forms	<i>Essay, multiple choice, exercise</i>
Study and examination requirements	<i>Overall score is above 67 Minimum Attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<i>1) Ban. Van den A.W. & H.S Nawkins. 1999. Penyuluhan Pertanian. Penerbit Kanisius 2) Budiarto M. 2005. Dasar-dasar Ilmu Politik. Jakarta: PT Gramedia Pustaka Utama 3) Fakhri, Mansour, Mahmudi, MM.Billah dan Juni Thamrin. 1993. Bunga Rampai Teori Pembangunan, Bandung : Indeco de Unie</i>

43) Business Research Method

Module designation	Business Research Method
Semester(s) in which the module is taught	<i>Odd Semester (Semester 5)</i>
Person responsible for the module	<i>Ir. Djoko Santoso, M.Sc, Ir. Nuri Dewi Yanti, M.Sc., Ph.D, Dr. Ir. Muhammad Husaini, MS; Ir. Umi Salawati, MSi</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i>
Teaching methods	<i>e.g. lecture, practice</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: - Lecture : 90,56 hours - Practice: 45,28 hours Private study including examination preparation: 48</i>
Credit points	<i>3</i>
Required and recommended prerequisites for joining the module	<i>-</i>
Module objectives/intended learning outcomes	<ol style="list-style-type: none"> <i>1) Students are expected to be able to understand about the basic concepts of research, processes, and procedures for conducting scientific research in the business</i> <i>2) Students are expected to be able to improve skills in designing and carrying out research in the business in accordance with the correct research processes and procedures</i> <i>3) Students are expected to be able to compile research instruments, design data mining and apply analytical tools used to achieve research objectives</i> <i>4) Students are expected to be able to Improve students' ability to review scientific writings, data, and information, and make the right decisions based on writings, data, and information obtained for business strategy practice</i>
Content	<i>Through this course, students are expected to gain knowledge and skills about what and how to conduct scientific research in business which is carried out systematically with a clear flow of thinking containing concepts, procedures, and techniques for conducting scientific research, as well as data analysis and interpretation so that they can recommend useful input in the business. Overall, this course covers four main parts, namely an introduction to business research, business research design, data sourcing and collection, and data analysis and presentation. The introduction of business research includes a study of the importance of business research, the principles of research ethics, research problems, basic concepts of research, and the research process. The research design contains discussions about the meaning of research design, quantitative approach, case studies, and surveys. Data sources and collection discuss measurements, measurement scales, questionnaires and research instruments, and sampling. Data analysis and presentation is a stage in research that includes data preparation and description, data exploration and test, hypothesis test, association sizing, multivariate analysis, and writing research reports. This course consists of lectures and practicum/response. Lectures are conducted by providing an understanding of concepts in microeconomic theory. Meanwhile, the practicum/response activities were filled with exercises and discussions on linking business proposals</i>
Examination forms	<i>e.g. quiz, Create a problem formulation; Study and review two journal articles in business related to agriculture (especially for wetlands); Make a complete proposal with a research design; etc.</i>
Study and examination requirements	<i>Overall score is above 67 (B-) Minimum attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<ol style="list-style-type: none"> <i>1) Cooper, Donald R. dan Pamela S. Schindler, 2011, Business Research Methods, Seventh Edition, New York, McGraw Hill International Edition</i> <i>2) Zikmund, William G, 2003. Business Research Methods 7th. Indiana University, Thomson/South-Western,</i> <i>3) Poate, C.D. & Daplyn, P/F. (1993), Data for Agrarian Development. Cambridge University Press, Cambridge</i>

44) Non Parametric Statistics

Module designation	<i>Non Parametric Statistics</i>
Semester(s) in which the module is taught	<i>Even Semester (Semester 4)</i>
Person responsible for the module	<i>Ir. Hj.Eka Radiah, M.Si., Rifiana, SP, MP., Dr. Muhammad Husaini, MS., Ana Fauziyatun Nisa, S.P., M.Sc.</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i> <i>Names of other study programmes with which the module is shared: None</i>
Teaching methods	<i>e.g. lecture, practice</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: 135,84</i> <i>Contact hours:</i> <i>Lecture : 79,24</i> <i>Practice: 39,62</i> <i>Private study including examination preparation:48</i>
Credit points	<i>3</i>
Required and recommended prerequisites for joining the module	<i>Existing competences in Mathematics course</i>
Module objectives/intended learning outcomes	<i>1) Students are able to apply quantitative and qualitative methodologies in agribusiness (CLO 1/PLO 6)</i> <i>2) Students are able to apply logical, critical, systematic and innovative thinking in solving problems of the development and implementation of science and technology in agribusiness (CLO 2/PLO 7)</i>
Content	<i>This lecture is conducted by providing an understanding of concepts and calculations in Non-Parametric Statistics. The material provided concerns concepts and definition of the use of non-parametric statistics, such as a definition of measurement scales, making hypotheses and testing hypotheses. In addition, it is also given about one sample cases test, two independent sample cases, k independent sample cases, related k sample cases, k sample cases and correlation measurements along with their significance tests. In this lecture, in addition to explaining the definition of measurements, examples of problem solving and problem solving exercises are given too.</i>
Examination forms	<i>e.g. Essay</i>
Study and examination requirements	<i>Overall score is above 67 (B-)</i> <i>Minimum attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<i>1) Siegel, Sidney. 1988. Statistik Non Parametrik Untuk Ilmu-Ilmu Sosial. Gramedia: Jakarta.</i> <i>2) Riduwan. 2007. Skala Pengukuran Variabel-Variabel Penelitian. Alfabeta: Bandung.</i> <i>3) Sugiyono. 1999. Statistik Non parametrik Untuk Penelitian. Alfabeta: Bandung</i> <i>4) Hadi, Sutrisno. 2000. Metodologi Research. Jilid 3. Andi: Jogjakarta.</i> <i>5) Sudrajat. 1985. Statistika Nonparametrik. Armico: Bandung</i> <i>6) Djarwanto. 1987. Kumpulan Soal dan Penyelesaiannya. Statistik Non Parametrik. BPFE: Yogyakarta.</i>

45) Operation Research

Module designation	<i>Operation Research</i>
Semester(s) in which the module is taught	<i>Even Semester (Semester 6)</i>
Person responsible for the module	<i>Dr. Ir. H. Sadik Ikhsan, DAD, M. Sc., Dr. Yudi Ferianta, SP., MP., Rifiana, SP., MP., Karimal Arum Shafriani, SP., MP.</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory / elective / specialisation Other study programmes with which the module is shared: None</i>
Teaching methods	<i>Small group discussion, and cooperative methods of group investigation type</i>
Workload (incl. contact hours, self-study hours)	<i>(Estimated) Total workload: 135,84 hours consist of Examination 16,98 hours; lecture 79,24 hours and Practice 39,62 hours.</i>
Credit points	<i>3 credits</i>
Required and recommended prerequisites for joining the module	<i>Recommended prerequisite: Mathematics (EKWF2101), Statistics (EKWF 2210)</i>
Module objectives/intended learning outcomes	<i>Key question: what learning outcomes should students attain in the module? E.g. in terms of: 1) CLO1/PLO7: using operations research fundamentals as a tool for decision-making, 2) CLO2/PLO10: Evaluation of optimization outcomes using linear programming (LP), 3) CLO3/PLO11: Problem-solving with Linear Programmers (LP): Graph Solutions, Simplex Algorithms, and Transport Techniques. 4) CLO4/PLO11: Utilize inventory models to solve inventory issues and create project planning and control network analysis</i>
Content	<i>The Operations Research course will discuss the use of several Operations Research (RO) materials consisting of Linear Programming (LP), Transportation and Assignment Models, Inventory Models and Project scheduling, formulating RO problems and their solutions with various algorithms.</i>
Examination forms	<i>Essay</i>
Study and examination requirements	<i>Student Requirements for successfully passing the module if they are declared passed if the overall score is above 67 (B-) Minimum Attendance is 80% for lecture and 100% for practice/response</i>
Reading list	<i>1) Taha, Hamdy A. 2007. Operations Research: An Introduction, Eighth Edition. Pearson Printece Hall. New Jersey 2) B.D. Nasendi dan Affendi Anwar. 1985. Program Linear dan Variasinya. PT. Gramedia. Jakarta 3) Pengestu Subagyo, Marwan Asri dan T. Hani Handoko. 1988. Dasar-Dasar Operations Research. BPFE. Yogyakarta</i>

46) Agribusiness Development and Policy

Module designation	<i>Agribusiness Development and Policy</i>
Semester(s) in which the module is taught	<i>Even Semester (Semester 6)</i>
Person responsible for the module	<i>Nina Budiwati, S.P.,M.Si., Dr. Ir. Muhammad Husaini, MS., Mira Yulianti, S.P., M.Si., Ana Fauziyatun Nisa, S.P., M.Sc.</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory Names of other study programmes with which the module is shared: None</i>
Teaching methods	<i>e.g. lecture, presentation</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: 90,56 Contact hours: - Lecture : 90,56 - Practice: - Private study including examination preparation: 32</i>
Credit points	<i>2</i>
Required and recommended prerequisites for joining the module	<i>Existing competences in Macroeconomics course</i>
Module objectives/intended learning outcomes	<i>1) Students are able to identify and detail the development of agriculture/agribusiness 2) Students are able to identify and clarify the theory of agricultural development and the dualism of development 3) Students are able to identify and manage various policies in agriculture/agribusiness</i>
Content	<i>This Agribusiness Development and Policy course provides students with understanding and insight into the concept and formulation of policies which are generally the basis for policy making in the agricultural/ agribusiness sector, especially by regulators or government parties. In addition, this course also provides room for students to assess, criticize and provide solutions for improving agricultural/agribusiness development policies both at the regional and national levels. This course is presented in semester VII, in condition that students have attended the Introduction to Economics and Macroeconomics course. This course discusses development and growth, agricultural/agribusiness development and its problems, the theory of development dualism and various agricultural/agribusiness policies in wetlands. Students are given group assignments with 5-7 members per group. Each group is tasked with studying and analyzing agricultural/agribusiness development and various policies in wetlands adapted to the teaching materials provided in lectures.</i>
Examination forms	<i>e.g. Multiple Choice and Essay</i>
Study and examination requirements	<i>Overall score is above 67 (B-) Minimum attendance is 80% for lecture.</i>
Reading list	<i>1) Yuwono, Triwibowo. 2016. Pembangunan Pertanian:Membangun Kedaulatan Pangan Edisi Cetakan 2. UGM Press.Yogyakarta. 2) M.Wanto, Sastro.2017.Kebijakan Pembangunan Pertanian dan Ekonomi Politik di Tingkat Lokal. Penerbit Alinea Baru.Yogyakarta 3) Arifin, Bustanul. 2004. Analisis Ekonomi Pertanian Indonesia. Penerbit Kompas. Jakarta 4) Arifin, Bustanul. 2005. Pembangunan Pertanian:Paradigma Kebijakan dan Strategi Revitalisasi. Grasindo 5) Las, Irsal.2013. Karakteristik dan Pengelolaan Lahan Rawa.Penerbit Balai Besar Penelitian dan Pengembangan Sumber Daya Lahan 6) Pertanian. Badan Penelitian dan Pengembangan Pertanian Depatemen Pertanian 7) Nirarita, CH.Endah.1996.Ekosistem Lahan Basah Indonesia. Bogor</i>

47) Resource and Environmental Economics

Module designation	Resource and Environmental Economics
Semester(s) in which the module is taught	<i>Odd Semester (Semester 5)</i>
Person responsible for the module	<i>Prof. Dr.Ir.H. Luthfi, MS., Ir. Hj. Nuri Dewi Yanti, M.Sc, Ph.D., Dr. Ir. H. Hamdani, MS., Karimal Arum Shafriani, SP., MP</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory /-elective/-specialisation Other study programmes with which the module is shared: none</i>
Teaching methods	<i>lecture plus method Lecture; Self Directed Learning (SDL)</i>
Workload (incl. contact hours, self-study hours)	<i>(Estimated) Total workload: 90,56 hours consist of Examination 11,32 hours; lecture 79,24 hour.</i>
Credit points	<i>2 credits</i>
Required and recommended prerequisites for joining the module	<i>Recommended prerequisite: Basics of Management (EFKK 108), Introduction of Economics (EGKK 102)</i>
Module objectives/intended learning outcomes	<i>Key question: what learning outcomes should students attain in the module? E.g. in terms of: 1) CLO1/PLO5: Establish the concept of an appropriate resource economy to design its management in a sustainable manner, 2) CLO2/PLO11: Formulate the concept of sustainable management for natural resources and the environment.</i>
Content	<i>This lecture provides students with an understanding of the concept and ability to formulate policies to overcome various environmental issues related to development and economic growth. Economic development and growth in several countries have succeeded in raising the standard of living of the people in general. Economics has played an important role in shaping the train of thought and intuition of economic planners. However, along with economic progress, several problems and problems arise in the management of resource sustainability and environmental balance.</i>
Examination forms	<i>Multiple choice and essay</i>
Study and examination requirements	<i>Student Requirements for successfully passing the module if they are declared passed if the overall score is above 67 (B-) Minimum Attendance is 80% for lecture</i>
Reading list	<i>1) Fatah, Luthfi . 2012. Ekonomi Sumberdaya Alam dan Lingkungan. Pustaka banua. Banjarmasin 2) Suparmoko, M. 1989. Ekonomi Sumberdaya Alam dan Lingkungan. BPFE Yogyakarta. 3) Fauzi, A. 2004. Ekonomi Sumberdaya Alam dan Lingkungan, Teori dan Aplikasi. Gramedia Pustaka Utama, Jakarta. 4) Yakin, Adinul 2004. Ekonomi Sumberdaya dan Lingkungan. Presindo Jakarta. 5) Randall, Alan. 1987. Resources Economics. An Economic Approach to Natural Resource and Environmental Policy. John Wiley and Son. Torono. 6) Tietenberg, Tom. 1994. Environmental Economy and Policy. Harper Collins College Publishers. New York. 7) Turner, R. Kerry, David Pearce and Ian Batemen. 1994. Environmental Economics. An Elementary Introduction. R. Harvester Wheatsheaf, London.</i>

48) Business Communication

Module designation	<i>Business Communication</i>
Semester(s) in which the module is taught	<i>Even Semester (6)</i>
Person responsible for the module	<i>Muzdalifah, SP, M.Sc., Nurmelati Septiana, SP, M.Si., Ir. Mariani, M.Si., Luki Anjardiani, SP., MP</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory Other study programmes with which the module is shared: None</i>
Teaching methods	<i>lecture, practice, project</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: Lecture : 90,56 Private study including examination preparation: 48</i>
Credit points	<i>2</i>
Required and recommended prerequisites for joining the module	<i>None</i>
Module objectives/intended learning outcomes	<ol style="list-style-type: none"> <i>1) To explain and apply the concepts, objectives, forms, and patterns of business communication relationships in the global era.</i> <i>2) To explain the students how to communicate orally and in writing within the scope of the organisation and outside the organization.</i> <i>3) To explain how to design business communication messages and deliver them effectively on multiple levels, professionally</i>
Content	<i>This course provides the ability to understand and apply concepts and communication skills in the business world. Students are also expected to be able to design and present business messages and have skills in cross-cultural communication, negotiation and marketing communication and be able to communicate both oral and written within the internal scope of the organization and outside the organization. The lecture is carried out face-to-face online and offline by applying the student-centered learning (SCL) learning method through discussions, presentations and demonstrations.</i>
Examination forms	<i>Essay, project/assignment</i>
Study and examination requirements	<i>Overall score is above 67 Minimum Attendance is 80% for lecture and 100% for practical class/response</i>
Reading list	<ol style="list-style-type: none"> <i>1) Courtiland L. Bovee, John V. Thill, 2013, Komunikasi Bisnis (Jilid 1) Edisi 9, Penerbit Indeks</i> <i>2) Courtiland L. Bovee, John V. Thill, 2013, Komunikasi Bisnis (Jilid 2) Edisi 8, Penerbit Indeks</i> <i>3) Djoko Purwanto, 2011, Komunikasi Bisnis, Penerbit Erlangga, Jakarta</i> <i>4) Guffey, Rodhes, Rogin. 2006. Komunikasi bisnis: Proses dan produk.(buku I). Salemba Empat. Jakarta</i> <i>5) Irwansyah, 2017, Komunikasi Bisnis, Penerbit Mitra Wacana Media, Jakarta</i>

49) Community Service Program

Module designation	<i>Community Service Program</i>
Semester(s) in which the module is taught	7
Person responsible for the module	<i>Dr. Ir. H. Yusuf Azis, M.Sc., Ir. Hj. Umi Salawati, M.Si., Hj. Masyhudah Rosni, M.Si., Ahmad Yousuf Kurniawan, S.P., M.Si., Karimal Arum Shafriani, S.P., M.P., Ana Fauziyatun Nisa, S.P., M.Sc</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i>
Teaching methods	<i>Project</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload: Contact hours: Practice: 135,84</i>
Credit points	3
Required and recommended prerequisites for joining the module	<i>None</i>
Module objectives/intended learning outcomes	<ol style="list-style-type: none"> 1) <i>Mastering basic mathematical, scientific, and information technology skills applied in the field of agribusiness.</i> 2) <i>compile ideas, results of scientific thoughts, and arguments responsibly and based on academic ethics, as well as communicate through the media to the academic community and the wider community.</i> 3) <i>Plan, coordinate, and evaluate individual work details as well as cross-disciplinary and cultural teamwork.</i> 4) <i>identify, formulate, analyze, and solve current problems in the field of agribusiness.</i>
Content	<i>This course includes an explanation of the implementation of community service activities accommodated by the Community Service Program (CSP) course by practising the theories that have been obtained during lectures on campus and that will be applied in the community. Students can adapt the knowledge gained on campus to help the community solve existing problems and create new breakthroughs for the community by dealing with problems that exist in society. Students can collaborate with fellow students of Universitas Lambung Mangkurat who have different scientific backgrounds at the Community Service Program location. Students and the community are actively involved in completing programmes that are tailored to the needs of the community and that have been planned based on problems that exist in the community.</i>
Examination forms	<i>Oral presentation</i>
Study and examination requirements	<i>100% for practice/response</i>
Reading list	<i>Guidelines for Community Service Program Implementation</i>

50) Thesis Seminar

Module designation	<i>Thesis Seminar</i>
Semester(s) in which the module is taught	<i>Even Semester (Semester 8)</i>
Person responsible for the module	<i>Agribusiness Department Quality Assurance Group Team</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i> <i>Names of other study programmes with which the module is shared: None</i>
Teaching methods	<i>e.g. resentations, discussions and Q&A</i>
Workload (incl. contact hours, self-study hours)	<i>Total workload:45,28</i> <i>Contact hours:</i> <i>- Lecture : -</i> <i>- Practice: 45,28</i> <i>Private study including examination preparation:16</i>
Credit points	<i>1</i>
Required and recommended prerequisites for joining the module	<i>Existing competences in: none</i>
Module objectives/intended learning outcomes	<i>1) Students are able to prepare presentation materials in MS Power Point (.pptx) format</i> <i>2) Students are able to compiling seminar abstracts based on the direction of the supervisor</i> <i>3) Students are able to complete all general provisions and complete administrative files before the implementation of the thesis seminar</i> <i>4) Students are able to presenting the results of thesis research through presentations</i>
Content	<i>This course is one of the compulsory courses for students of the Agribusiness Study Program and aims to present the results of their thesis research. This seminar presentation is held as a learning medium for final year students, both those who are taking seminar and thesis courses. The goal is to facilitate students to exchange ideas, ideas, and ideas. For students, this activity is also a forum for assessing the process of working on their thesis. The disseminated material is an article manuscript written based on the results obtained from the implementation of the thesis research of the student concerned which has been approved by the supervisory team.</i>
Examination forms	<i>e.g. oral presentation</i>
Study and examination requirements	<i>Overall score is above 67 (B-)</i>
Reading list	<i>1) Standard Operating Procedures for Agribusiness Study Program Seminar</i> <i>2) Other references adapted to the theme</i>

51) Thesis

Module designation	Thesis
Semester(s) in which the module is taught	<i>Odd-Even Semester (Semester 8)</i>
Person responsible for the module	<i>Quality Assurance Group Agribusiness Study Program</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory /-elective /-specialisation Other study programmes with which the module is shared: none</i>
Teaching methods	<i>Self Directed Learning (SDL)</i>
Workload (incl. contact hours, self-study hours)	<i>(Estimated) Total workload: 225,4 hours consist of thesis consultation process, data collection in the field, thesis examination and make a thesis report.</i>
Credit points	<i>5 credits</i>
Required and recommended prerequisites for joining the module	<i>Recommended prerequisite: complete all courses</i>
Module objectives/intended learning outcomes	<i>Key question: what learning outcomes should students attain in the module? E.g. in terms of: 1) PLO 1: Show piety to the One God 2) PLO 7: Able to apply logical, critical, systematic, and innovative thinking in solving problems in the development and implementation of science and technology in the field of agribusiness 3) PLO 8: Able to compile a scientific description of the results of the study and be able to communicate it effectively 4) PLO 10: Able to identify, evaluate and anticipate the management of agribusiness systems in wetlands 5) PLO 11: Able to design resource allocation and community capacity building strategies and have business ethics for the development and management of wetland environmental agribusiness 6) PLO 12: Able to apply wetland agribusiness technology to solve socio-cultural problems of the community through the process of negotiating</i>
Content	<i>This course is one of the compulsory courses for students of the Agribusiness Study Program and aims to prepare and provide student competence in terms of mastering theory and thesis writing skills with the guidance of two supervisors.</i>
Examination forms	<i>Presentation and oral test</i>
Study and examination requirements	<i>Student Requirements for successfully passing the module if they are declared passed if the overall score is above 67 (B-)</i>
Reading list	<i>1) Thesis writing manual 2) Standard books and thesis manuals 3) Other references adapted to the theme</i>

52) Negotiation and Business Leadership

Module designation	<i>Negotiation and Business Leadership</i>
Semester(s) in which the module is taught	<i>Odd Semester</i>
Person responsible for the module	<i>Prof. Dr. Ir. Luthfi, M.S., Ana Fauziyatun Nisa, S.P., M.Sc.</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Elective</i> <i>Other study programmes with which the module is shared: none</i>
Teaching methods	<i>Lecture</i>
Workload (incl. contact hours, self-study hours)	<i>(Estimated)</i> <i>Total workload:</i> <i>Contact hours:</i> <i>Lecture : 90,56</i> <i>Private study including examination preparation: 48</i>
Credit points	<i>2 credits</i>
Required and recommended prerequisites for joining the module	<i>None</i>
Module objectives/intended learning outcomes	<i>Key question: what learning outcomes should students attain in the module?</i> <i>E.g. in terms of:</i> <i>1) Students are able to apply economic, management and business concepts to solve problems in the economic from natural resources and the environment</i> <i>2) Students are able to design resource allocation and community capacity building strategies and have business ethics for the development and management of wetland environment agribusiness</i>
Content	<i>This course provides students with knowledge, skills and abilities regarding definitions, scope and concepts as well as the development of thoughts related to negotiation and leadership. This course provides direction on how to behave as a business leader and to form a leadership. How to negotiate, motivate leadership, carry out self-introduction, select and formulate leadership styles, and carry out decision-making processes. This course also provides direction for students to be able to apply and carry out universal values of business leadership, and creative business leaders</i>
Examination forms	<i>Essay</i>
Study and examination requirements	<i>Student Requirements for successfully passing the module if they are declared passed if the overall score is above 67 (B-)</i>
Reading list	<i>1) Luthfi, 2019. Negosiasi dan Kepemimpinan Bisnis.</i> <i>2) Bass, Bernard M. 1981. Stogdill's Hand Book of Leadership: A Survey of Theory and Research. Revised and Expanded Ed. The Free Press. New York.</i> <i>3) Cohen, W.A. 1990. The Art of The Leader. First Edition. Prentice Hall Inc.</i> <i>4. Cribbin, J.J. 1981. Leadership. Amacom. New York</i>

53) Strengthening Institutions and Social Organizations

Module designation	<i>Strengthening Institutions and Social Organizations</i>
Semester(s) in which the module is taught	<i>Odd Semester</i>
Person responsible for the module	<i>Hairi Firmansyah, SP, M.Si., Nurmelati Septiana, SP, M.Si., Petrus S. Kobesi, SP, M.Si</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Elective</i> <i>Other study programmes with which the module is shared: none</i>
Teaching methods	<i>Lecture</i>
Workload (incl. contact hours, self-study hours)	<i>(Estimated)</i> <i>Total workload:</i> <i>Contact hours:</i> <i>Lecture : 90,56</i> <i>Private study including examination preparation: 32</i>
Credit points	<i>2 credits</i>
Required and recommended prerequisites for joining the module	<i>None</i>
Module objectives/intended learning outcomes	<i>Key question: what learning outcomes should students attain in the module?</i> <i>E.g. in terms of:</i> <i>1) Students are able to applying the concepts of sociology, culture, and agricultural development to solve problems in the field of institutions and community organisations</i> <i>2) Students are able to identifying and formulating problems in the development of science and technology in the field of institutions and community organisations</i> <i>3) Students are able to Identify and evaluate institutional management and community organizations</i> <i>4) Students are able to Applying the concepts of sociology, culture, and agricultural development to solve problems in the field of institutions and community organisations</i>
Content	<i>This course allows students to achieve competence in strengthening institutions and social organizations in a society, especially in wetlands. The lecture material for strengthening social institutions and organizations includes the understanding, functions, and types of institutions, organizations, and social groups in the community; the process of forming social institutions, social organizations, and social groups in the community; social institutions supporting agricultural development in the land community; strengthening and developing institutional capacity and social organization; and the implementation of strengthening and developing institutional capacity and social organization. This is because wetlands are a type of marginal land with minimal nutrients and need special handling in utilizing them.</i>
Examination forms	<i>Essay</i>
Study and examination requirements	<i>Student Requirements for successfully passing the module if they are declared passed if the overall score is above 67 (B-)</i>
Reading list	<i>1) Adi IR. 2003. Pemberdayaan, Pengembangan Masyarakat dan Intervensi Komunitas.(Pengantar pada Pemikiran dan Pendekatan Praktis). Jakarta: Lembaga Penerbit Fakultas Ekonomi Universitas Indonesia</i> <i>2) Gitosaputro, S dan Kurdiyana R. 2015. Pengembangan dan Pemberdayaan Masyarakat. Jakarta.</i> <i>3) Ife, Jim dan Frank Toseriero. 2016. Community Development. Buku Gabusan. Jakarta</i> <i>4) Maryani, dedeh dkk. 2019. Pemberdayaan masyarakat. Deepublish. Yogyakarta</i>

54) Community Participation Development

Module designation	Community Participation Development
Semester(s) in which the module is taught	<i>Odd Semester</i>
Person responsible for the module	<i>Masyhudah Rosni, S.P., M.Si. Prof. Dr. Ir. H. Luthfi, M.Si</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Elective</i> <i>Other study programmes with which the module is shared: none</i>
Teaching methods	<i>Lecture</i>
Workload (incl. contact hours, self-study hours)	<i>(Estimated)</i> <i>Total workload:</i> <i>Contact hours:</i> <i>Lecture : 90,56</i> <i>Private study including examination preparation: 32</i>
Credit points	<i>2 credits</i>
Required and recommended prerequisites for joining the module	<i>None</i>
Module objectives/intended learning outcomes	<i>Key question: what learning outcomes should students attain in the module?</i> <i>E.g. in terms of:</i> <i>1) Students are able to integrating the idea of comprehensive community participation growth into the comprehension of societal events</i> <i>2) Students are able to application of the community participation model's scope and development</i> <i>3) Students are able to Formulating and identifying issues with the growth of community involvement</i> <i>4) Students are able to utilizing knowledge of agribusiness and community involvement to solve difficulties in the realm of agribusiness to address development concerns</i>
Content	<i>This community participation development course will give students the fundamental skills they need to become facilitators or change agents in society, particularly for those living in rural areas near agricultural areas. This course covers the theories and concepts of developing community participation in development, particularly rural development. Topics covered include the significance of community participation in development, the meaning, nature, and principle of participation, the scope of community participation, the form, variety, and typology of participation, the conditions for the growth of participation, the factors that affect participation, and problems and issues with community participation. Additionally, students in this course study a variety of methods-based practical expertise. Models for participatory counseling and programs for community development in Indonesia that can be used in projects that rely on community empowerment, development, and involvement.</i>
Examination forms	<i>Essay</i>
Study and examination requirements	<i>Student Requirements for successfully passing the module if they are declared passed if the overall score is above 67 (B-)</i>
Reading list	<i>1) Adisasmita, Rahardjo. 2006. Membangun Desa Partisipatif. Graha Ilmu. Yogyakarta.</i> <i>2) Chambers, Robert. 1996. PRA Participatory Rural Appraisal Memahami Desa Secara Partisipatif. Kanisius. Yogyakarta.</i> <i>3) Daniel, Moehar dkk. 2006. PRA Participatory Rural Appraisal Pendekatan Efektif Mendukung Penerapan Penyuluhan Partisipatif dalam Upaya Percepatan Pembangunan Pertanian. Bumi Aksara. Jakarta</i>

55) Mass Communication

Module designation	<i>Mass Communication</i>
Semester(s) in which the module is taught	<i>Odd Semester</i>
Person responsible for the module	<i>Hairi Firmansyah, SP, M.Si., Nurmelati Septiana, SP, M.Si</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Elective</i> <i>Other study programmes with which the module is shared: none</i>
Teaching methods	<i>Lecture</i>
Workload (incl. contact hours, self-study hours)	<i>(Estimated)</i> <i>Total workload:</i> <i>Contact hours:</i> <i>Lecture : 90,56</i> <i>Practice:-</i> <i>Private study including examination preparation: 32</i>
Credit points	<i>2 credits</i>
Required and recommended prerequisites for joining the module	<i>None</i>
Module objectives/intended learning outcomes	<i>Key question: what learning outcomes should students attain in the module?</i> <i>E.g. in terms of:</i> <i>1) Students are able to Applying the concept of communication and agricultural development as an integrative part of social and cultural capital in society</i> <i>2) Students are able to applying logical, critical, systematic, and innovative thinking in solving problems of mass communication technology development in agribusiness</i> <i>3) Students are able to applying logical, critical, systematic, and innovative thinking in the implementation of science and mass communication technology in the field of agribusiness</i> <i>4) Students are able to designing resource allocation for the development and management of agribusiness mass communication in wetland environments</i> <i>5) designing community capacity building for the development and management of mass communication, agriculture, and the wetland environment</i>
Content	<i>The definition of mass communication, the characteristics and role of mass communication, the function of mass communication, the process of mass communication, theories and models of mass communication, obstacles in mass communication, forms of mass media, mass communication research, public relations, and so on are all covered in mass communication courses.</i>
Examination forms	<i>Essay</i>
Study and examination requirements	<i>Student Requirements for successfully passing the module if they are declared passed if the overall score is above 67 (B-)</i>
Reading list	<i>1) Ardianto, Elvinaro. 2014. Komunikasi Massa Suatu Pengantar. Simbiosis Rekatama Media:Bandung.</i> <i>2) Nurudin. 2017. Komunikasi Massa. Rajawali Pers : Jakarta.</i>

56) Corporate Agribusiness Financing

Module designation	<i>Corporate Agribusiness Financing</i>
Semester(s) in which the module is taught	<i>Odd Semester</i>
Person responsible for the module	<i>Hj. Nina Budiwati, S.P., M.Si. Luki Anjardiani, S.P., M.P</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Elective</i> <i>Other study programmes with which the module is shared: none</i>
Teaching methods	<i>Lecture</i>
Workload (incl. contact hours, self-study hours)	<i>(Estimated)</i> <i>Total workload:</i> <i>Contact hours:</i> <i>Lecture : 90,56</i> <i>Practice:-</i> <i>Private study including examination preparation: 32</i>
Credit points	<i>2 credits</i>
Required and recommended prerequisites for joining the module	<i>None</i>
Module objectives/intended learning outcomes	<i>Key question: what learning outcomes should students attain in the module?</i> <i>E.g. in terms of:</i> <i>1) Students are able to design resource allocation in order to increase community capacity for the development and management of wetland agribusiness</i> <i>2) Students are able to design community capacity building strategies for the development and management of wetland environmental agribusiness</i> <i>3) Students are able to Designing evaluation through analysis for the development and management of wetland agribusiness</i>
Content	<i>The Agribusiness Corporate Financing course provides the ability to designate resource allocation in order to increase community capacity for the development and management of wetland environmental agribusiness, design community capacity building strategies for the development and management of wetland environmental agribusiness, and design evaluation through analysis for the development and management of wetland agribusiness.</i>
Examination forms	<i>Essay</i>
Study and examination requirements	<i>Student Requirements for successfully passing the module if they are declared passed if the overall score is above 67 (B-)</i>
Reading list	<i>1) Kadarsan, Halimah W. 1992. Agricultural Finance and Agribusiness Corporate Financing. Publisher PT. Gramedia. Jakarta.</i> <i>2) Said, Gumbira and Harizt Intan. 2001. Agribusiness Management. Ghalia Publishers Indonesia. Jakarta. 5. Soekartawi. 2005. Agribusiness. Theory and Its Applications. PT RajaGrafindo Persada. Jakarta.</i>

57) Region Introduction Studies

Module designation	<i>Region Introduction Studies</i>
Semester(s) in which the module is taught	<i>Odd Semester</i>
Person responsible for the module	<i>Ir. Hj. Mariani, M.Si, Hj. Masyhudah Rosni, SP, M.Si</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Elective</i> <i>Other study programmes with which the module is shared: none</i>
Teaching methods	<i>Lecture</i>
Workload (incl. contact hours, self-study hours)	<i>(Estimated)</i> <i>Total workload:90,56</i> <i>Contact hours:</i> <i>Lecture : 45,28</i> <i>Practice: 45,28</i> <i>Private study including examination preparation: 32</i>
Credit points	<i>2 credits</i>
Required and recommended prerequisites for joining the module	<i>None</i>
Module objectives/intended learning outcomes	<i>Key question: what learning outcomes should students attain in the module?</i> <i>E.g. in terms of:</i> <i>1) Students are able to applying economic, management, and business concepts to solve problems in the area characteristic of the region</i> <i>2) Students are able to identifying and formulating potential regional problems in the development and implementation of science and technology</i> <i>3) Students are able to identifying and formulating regional planning</i> <i>4) Students are able to Evaluating the management of the planned agricultural business</i>
Content	<i>Regional Introduction Study is a field course that introduces students directly to the development of social and rural economic areas, as well as advanced agriculture, so that students can recognise and understand the potential that each region and region in Indonesia possesses. The object of study in the field is mainly in the areas of plantation companies, agro-industry, large plantations, community plantations, integrated agricultural development, and other related objects with regional development activities, including agricultural research centers. Agribusiness introduced includes corporate tone, corporate organization, and corporate governance (capital, production, marketing, and personnel).</i>
Examination forms	<i>Essay</i>
Study and examination requirements	<i>Student Requirements for successfully passing the module if they are declared passed if the overall score is above 67 (B-)</i>
Reading list	<i>1) Rahardjo. 2006. Pembangunan Pedesaan dan Perkotaan. Graha Ilmu. Yogyakarta.</i> <i>2) Adisasmita, Rahardjo. 2006. Membangun Desa Partisipatif. Graha Ilmu. Yogyakarta.</i> <i>3) Rustiadi, Ernan dkk. 2011. Perencanaan dan Pengembangan Wilayah. Crestpent Press dan Yayasan Pustaka Obor Indonesia. Jakarta.</i> <i>4) Nasution, Zulkarnain. 2009. Solidaritas Sosial dan Partisipasi Masyarakat Desa Transisi Suatu Tinjauan Sosiologis. UMM Press. Malang.</i> <i>5) Setiono, Dedi NS. 2011. Ekonomi Pengembangan Wilayah Teori dan Analisis. Lembaga Penerbit Fakultas Ekonomi Universitas Indonesia. Jakarta.</i>

58) Cooperative and Agribusiness Institution

Module designation	<i>Cooperative and Agribusiness Institution</i>
Semester(s) in which the module is taught	<i>Odd Semester</i>
Person responsible for the module	<i>Dr. Ir. H. Yusuf Azis, M.Sc., Hj. Luki Anjardiani, SP, MP</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Elective</i> <i>Other study programmes with which the module is shared: none</i>
Teaching methods	<i>Lecture</i>
Workload (incl. contact hours, self-study hours)	<i>(Estimated)</i> <i>Total workload:90,56</i> <i>Contact hours:</i> <i>Lecture : 90,56</i> <i>Practice: -</i> <i>Private study including examination preparation: 32</i>
Credit points	<i>2 credits</i>
Required and recommended prerequisites for joining the module	<i>None</i>
Module objectives/intended learning outcomes	<i>Key question: what learning outcomes should students attain in the module?</i> <i>E.g. in terms of:</i> <i>1) Students are able to applying economic, management and business concepts to solve problems in the field of agribusiness institution</i> <i>2) Students are able to Qualitatively examine the governance, organization, and management and capital of agribisnis institutions as an effort to account for the achievement of results</i> <i>3) Students are able to identifying and managing problems in agribusiness institution</i>
Content	<i>The Agribusiness Institution course provides the ability to understand the concepts of agribusiness institution. Application of principles in cooperatives that can be used in the decision-making process. Reviewing the governance, organization and management of agribisnis institutions as a form of effort to account for the achievement of results. As well as identifying and managing problems in agribisnis's institutions. This course consists of 2 credits of lectures. Lectures are conducted offline and online.</i>
Examination forms	<i>Essay</i>
Study and examination requirements	<i>Student Requirements for successfully passing the module if they are declared passed if the overall score is above 67 (B-)</i>
Reading list	<i>1) Panji Anoraga and Ninik Widiyanti, 1995. Cooperative Management, Theory and Practice, Pustaka Jaya, Jakarta.</i> <i>2) Hans H. Munkner, 1980. Principles of Cooperatives and Cooperative Law, Puslatpenkop, Depkop RI, Jakarta.</i> <i>3) Ibnoe Soedjono, 2007. Building an Independent Cooperative in the Identity Corridor, LSP2I, Jakarta</i> <i>4) M. Iskandar Soesilo, 2008. Dynamics of the Indonesian Cooperative Movement, Wahana Semesta Intermedia, Jakarta</i>

59) Management Of Accounting

Module designation	<i>Management of Accounting</i>
Semester(s) in which the module is taught	<i>Odd/even Semester</i>
Person responsible for the module	<i>Ir. Djoko Santoso, M.Sc., Luki Anjardiani, SP, MP</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Elective</i> <i>Other study programmes with which the module is shared: none</i>
Teaching methods	<i>Lecture</i>
Workload (incl. contact hours, self-study hours)	<i>(Estimated)</i> <i>Total workload:90,56</i> <i>Contact hours:</i> <i>Lecture : 90,56</i> <i>Practice: -</i> <i>Private study including examination preparation: 32</i>
Credit points	<i>2 credits</i>
Required and recommended prerequisites for joining the module	<i>None</i>
Module objectives/intended learning outcomes	<i>Key question: what learning outcomes should students attain in the module?</i> <i>E.g. in terms of:</i> <i>1) Students are able to allocate organisational costs and revenues.</i> <i>2) Students are able to identifying management planning and control</i> <i>3) Students are able to manage strategy, information, preparation of a program, and organisational budget</i>
Content	<i>Management accounting is an elective course that studies the basic concepts of management accounting and provides a solid foundation for students who, after graduating from undergrad, will work in the field of business and finance. This course also provides basic knowledge for students regarding the accounting profession. The management accounting course emphasises more efforts to present information for management's use in making decisions on daily and strategic operational activities. The course seeks to provide knowledge related to cost behavior, break-even analysis, cost relevance for tactical decision making, accountability, and how assessment centres work. Management accounting is a course consisting of lectures and practicums.</i>
Examination forms	<i>Essay</i>
Study and examination requirements	<i>Student Requirements for successfully passing the module if they are declared passed if the overall score is above 67 (B-)</i>
Reading list	<i>1) Supriyono. 2001. Akuntansi Manajemen. Edisi Ketiga. Yogyakarta: BPFE UGM.</i> <i>2) Hansen, D.R., & Mowen, M. M. (2006). Akuntansi Manajemen. Jakarta: Salemba Empat.</i>

60) Commerce of Agricultural

Module designation	<i>Commerce of Agricultural</i>
Semester(s) in which the module is taught	<i>Even Semester</i>
Person responsible for the module	<i>Dr. Ir. Yusuf Azis, M.Sc., Luki Anjardiani, S.P., M.P.</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Elective</i> <i>Other study programmes with which the module is shared: none</i>
Teaching methods	<i>Lecture</i>
Workload (incl. contact hours, self-study hours)	<i>(Estimated)</i> <i>Total workload:90,56</i> <i>Contact hours:</i> <i>Lecture : 90,56</i> <i>Practice: -</i> <i>Private study including examination preparation: 32</i>
Credit points	<i>2 credits</i>
Required and recommended prerequisites for joining the module	<i>None</i>
Module objectives/intended learning outcomes	<i>Key question: what learning outcomes should students attain in the module?</i> <i>E.g. in terms of:</i> <i>1) Students are able to apply economic, management and business concepts to solve agricultural business problems.</i> <i>2) Students are able to identify and analyze problems in the marketing system of agribusiness products.</i> <i>3) Students are able to evaluate and formulate alternative solutions to improve the effectiveness and efficiency of marketing agribusiness products</i>
Content	<i>Agricultural Commerce course provides students with the ability to understand, to apply and to analyze the activities that occur in the distribution of agricultural products from producers to consumers with various marketing and institutions channels that carry it out in some form and structure of the market that occurs, the different types of costs required and the calculation of marketing margins/ efficiency, and about the way of improvement and policy of agricultural commerce</i>
Examination forms	<i>Essay</i>
Study and examination requirements	<i>Student Requirements for successfully passing the module if they are declared passed if the overall score is above 67 (B-)</i>
Reading list	<i>1) Anindita, Ratya. 2004. Pemasaran Hasil Pertaian. POPYRUS, Surabaya.</i> <i>2) Sudyono, Armand. 2002. Pemasaran Pertanian. Universitas Muhammadiyah, Malang.</i>

61) Rural Sociology

Module designation	<i>Rural Sociology</i>
Semester(s) in which the module is taught	<i>Odd Semester</i>
Person responsible for the module	<i>Ir. Mariani, M.Si., Drs. Usamah Hanafie, M.Si., Ir. Eka Radiah, M.Si., Masyhudah Rosni, S.P., M.Si.</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i> <i>Other study programmes with which the module is shared: none</i>
Teaching methods	<i>Lecture</i>
Workload (incl. contact hours, self-study hours)	<i>(Estimated)</i> <i>Total workload:90,56</i> <i>Contact hours:</i> <i>Lecture : 90,56</i> <i>Practice: -</i> <i>Private study including examination preparation: 32</i>
Credit points	<i>2 credits</i>
Required and recommended prerequisites for joining the module	<i>None</i>
Module objectives/intended learning outcomes	<i>Key question: what learning outcomes should students attain in the module?</i> <i>E.g. in terms of:</i> <i>1) Students are able to Applying the concept of the rural from the cultural and structural aspect of rural community</i> <i>2) Students are able to Analyzing the stratification, differentiation, and social system of the rural community</i> <i>3) Students are able to formulate social system, social structure, organization and social group as well as social institution</i> <i>4) Students are able to Evaluating the changes, rural growth, rural development and rural community development</i>
Content	<i>This course allows students to achieve competence in comprehension of rural and rural development from both the cultural and structural aspects of rural communities. Definition of Sociology, Definition of Rural Sociology, Background of Rural Sociology, Definition of Rural, Rural Characteristics, Rural Typology in Indonesia, Traditional Culture of Rural Communities, Peasants and Subsistence, Rural Physical Structure, Patterns of Settlement in Rural Indonesia, Social Stratification, Social Differentiation, Definition of Social Systems, Rural Communities as Social Systems, Traditional Social Systems and Modern Social Systems, Definition of Social Structure, Effect of Social Structure on Diffusion of Innovations, Agrarian Social Structure in Rural Areas, Definition of Social Organization, Social Organization as a System, The Role of Non-Government Organizations in Community Development, Group Concept, Group Classification, Definition of Social Institutions, Forms Social Institutions in Rural Areas, Definition of Social Change, Forms of Social Change, Factors Causing Social Change, Specific Changes, Definition of RRA, Implementation Method of RRA (1), Limitations of the RRA Method, Rural Development and Rural Community Development, Rural Development Objectives, Rural Development Indicators, and Modernization.</i>
Examination forms	<i>Essay</i>
Study and examination requirements	<i>Student Requirements for successfully passing the module if they are declared passed if the overall score is above 67 (B-)</i>
Reading list	<i>1) Anke MM. Hoogvelt 2009. Sosiologi Masyarakat Sedang Berkembang. CV. Rajawali. Jakarta</i> <i>2) Gitosaputro, S dan Kurdiyana R. 2015. Pengembangan dan Pemberdayaan Masyarakat. Jakarta.</i>

62) Basic of Plant Protection

Module designation	<i>Basic of Plant Protection</i>
Semester(s) in which the module is taught	<i>Odd Semester</i>
Person responsible for the module	<i>Lecturer Team Teaching</i>
Language	<i>Bahasa Indonesia</i>
Relation to curriculum	<i>Compulsory</i> <i>Other study programmes with which the module is shared: none</i>
Teaching methods	<i>Lecture</i>
Workload (incl. contact hours, self-study hours)	<i>(Estimated)</i> <i>Total workload: 135,84</i> <i>Contact hours:</i> <i>Lecture : 90,56</i> <i>Practice: 45,28</i> <i>Private study including examination preparation: 48</i>
Credit points	<i>3 credits</i>
Required and recommended prerequisites for joining the module	<i>None</i>
Module objectives/intended learning outcomes	<i>Key question: what learning outcomes should students attain in the module?</i> <i>E.g. in terms of:</i> <i>1) Students are able to Knowing about the biology and ecology of pest organisms and plant pests in general</i> <i>2) Students are able to understand the factors that cause disease in plants</i> <i>3) Understand the biology and ecology of plant-disturbing organisms, so that they can be used for the management of plant pest organisms</i>
Content	<i>This course covers the history, purpose, and significance of plant protection, the concept of plant disturbance lectures, various types of plant disturbances, understanding pests and diseases plants, the concept of disease occurrence, causes of disease, and mechanisms of disease occurrence, methods of managing plant diseases, vertebrate and invertebrate taxonomy of plant pests, plant pest bioecology, pest status, and economic threshold, and plant pest management</i>
Examination forms	<i>Essay</i>
Study and examination requirements	<i>Student Requirements for successfully passing the module if they are declared passed if the overall score is above 67 (B-)</i>
Reading list	<i>1) Triharso. 1996. Dasar-dasar perlindungan tanaman. Gadjah Mada University Press.</i> <i>2) Kalshoven. L.J.E. 1981. The Pest of Crops in Indonesia. PT Ikhtiar Baru. Jakarta</i> <i>3) Semangun, H. 2001. Pengantar Ilmu Penyakit Tumbuhan. Gadjah Mada University Press.</i> <i>4) Untung, K. 1984. Pengantar analisis ekonomi pengendalian hama terpadu. Andi Offset. Yogyakarta.</i> <i>5) Winarto. 2015. Nematologi Tumbuhan. Minangkabau Press.</i>