



Module Description/Course Syllabi

Study Program : S1 Undergraduate

Program Faculty of Agriculture

University of Andalas

1. Course number and name

PTN611 04 Introduction to Agricultural Science

2. Credits and contact hours/Number of ECTS credits allocated

2 credits / 3.66

3. Instructors and course coordinator

1. Prof. Dr.Ir. Hermansah, MS. MSc
2. Prof.Dr.Ir. Yulnafatmawita, MSc
3. Prof.Dr.Ir. Aprisal, MP
4. Prof.Dr.Ir. Azwar Rashidin, MSc
5. Prof.Dr.Ir. Herviyanti, MS
6. Dr.Ir. Teguh Budi Prasetyo, MS
7. Dr.Ir. Agustian
8. Dr. Gusmini, SP. MP

4. Text book, title, author, and year

1. Alridiwersah. [Pengantar Ilmu Pertanian](#). Umsu Press
2. Asparno Marjuki (1990) Introduction to Agricultural Science;
3. Hadi Sabari Yunus, 2006, Megapolitan, Yogyakarta, Pustaka Pelajar
4. Jabal Tarik Ibrahim, 2019, [Sosiologi Pedesaan](#), Malang, UMM Pres
5. Rahardjo, 1999, Pengantar Sosiologi Pedesaan dan Pertanian, Yogyakarta, Gadhah MadaUniversity Press
6. Soerjono Soekanto, 2000. Sosiologi. Suatu Pengantar Jakarta. PT. Grafinda Raja Persada.
7. Sutriyono, Anik Suwardan, and Rijanto (2006) Introduction to Agricultural
8. Ulrich Plank, 1990. Sosiologi Pertanian. Jakarta. Yayasan Obor Indonesia

5. Specific course information

A. Brief description of the content of the course (catalog description)

This course discusses the scope of agriculture (food agriculture, plantations, forestry, animal husbandry, fisheries, agricultural product processing, and agribusiness), the role of agriculture in human life and development, factors that affect agricultural business (soil, plants, climate, disturbing organisms, and cultivation techniques), the concept of sustainable and environmentally sound agriculture (integrated agriculture, organic agriculture, and agroforestry), agricultural mechanization, harvesting and post-harvest,

socio-economic agriculture and agricultural development (agribusiness, agricultural extension and institutions, marketing and trade, and modern agricultural development).
B. Level of course unit (according to EQF: first cycle Bachelor, second cycle Master)
First Cycle Bachelor
C. Semester when the course unit is delivered
Even Semester
D. Mode of delivery (face-to-face, distance learning)
Face to face
6. Intended Learning Outcomes (CPL)
ILO 1: Able to apply basic agricultural sciences widely in overcoming agricultural problems for sustainable agricultural development (P) PI 1 : Explain agricultural sciences related to soil science.
7. Course Learning Outcomes (CPMK) ex. The student will be able to explain the significance of current research about a particular topic.
1. Explain agricultural sciences related to soil science.
8. Learning and teaching methods
Cooperative Learning and Self Direct Larning
9. Language of instruction
English
10. Assessment methods and criteria
Summative Assessment : 1. Tasks : 5% 2. Quiz : 5 % 3. Mid Semester : 25% 4. Final Semester : 25% 5. Praktikum :30% 6. Attendance : 5% Formative Assessment: 1. Minutes paper