	Module Description/Course Syllabi Study Program : Bachelor Program (S1) Faculty of Agriculture University of Andalas

1. Course number and name
PTN 611 05 Statistics
2. Credits and contact hours/Number of ECTS credits allocated
3 credits
3. Instructors and course coordinator
Dr. P.K Dewi Hyati SP. M.Si Ir. Sutoyo MS Dr. Ir. Benni Satria MP Rahmad Hersi Martinsyah SP. MSi Dr. Hasmiandy Hamid SP. MSi
4. Text book, title, outhor, and year
5. Specific course information
A. Brief description of the content of the course (catalog description)
This course provides knowledge and understanding of the use of statistics as a tool for drawing conclusions in scientific research. Coverage of the material. Understanding and use of statistics, data collection and simplification, presentation of measures of centrality symptoms, measures of location symptoms, measures of dispersion, normal distribution and standard normal, hypothesis, Z distribution and Z test, t distribution and t test, Chi square distribution and Chi square test, F distribution and F test, simple linear regression and multiple linear regression coefficient and coefficient of determination.
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 3 : Applying basic sciences and soil science in solving land and environmental problems for agricultural development.
ILO-3: Able to use various methods for appropriate soil and plant analysis in land resource management PI 2 : Able to analyze soil and plants accurately, thoroughly using the latest methods
7. Course Learning Outcomes (CPMK) *ex. The student will be able to explain the significance of current research about a particular topic.*
3. Applying basic sciences and soil science in solving land and environmental problems for agricultural development.

2. Able to analyze soil and plants accurately, thoroughly using the latest methods
1.   Using laboratory equipment for soil analysis and milk crops with SOPs
2.   Able to analyze soil and plants precisely, meticulously using the latest methods

8. Learning and teaching methods
LCD & Projector

9. Language of instruction
Indonesian

10. Assessment methods and criteria
Summative Assessment : 1. Assignment 2. UTS 3. UAS 4. Internship **Formative Assessment**: 1. Thumb up and thumb down 2. Minutes paper