Module Description/Course Syllabi

Study Program : S1 Undergraduate
Program Faculty of Agriculture
University of Andalas

1. ***Course number and name***

PTN621 02 Fundamental of Plant Protection

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

3 credits (2 classes, 1 practicum) / 4,76

3. ***Instructors and course coordinator***

1. Dr. Haliatur Rahma, SSi. MP.
2. Dr. Ir. Arneti MS.
3. Dr. Ir. Munzir Busniah MSi.
4. Dr. Jumsu Trisno, SP. MSi.
5. Dr. Ir. Eri Sulyati MSc.
6. Ir. Winarto, MS
7. Ir. Yunisman MP.

4. ***Text book, title, outhor, and year***

1. Jacobsen B. 2001. Disease Management. Pages 351-356 in: Encyclopedia of Plant Pathology, O.C. Maloy and T.D. Murray, eds. Wiley, New York.
2. Kasumbogo Untung. 2015. Pengantar Pengelolaam Hama Terpadu. Gadjah Mada Univesity Press.;
3. Lelliott, R. A., D. E. Steed. 1987. Methods For The Diagnosis of Bacterial Disease of Plants. British Society For Plant Pathology. London. Fundamental of Plant Pathology
4. Maloy OC, Baudoin A. 2001. Disease Control Principles. Pages 330-332 in: Enclyclopedia of Plant Pathology. O.C. Maloy and T.D. Murray, eds. Wiley, New York.
5. Maloy OC. 1993. Plant Disease Control: Principles and Practice. Wiley, New York.
6. Maloy OC. 2005. Plant Disease Management. The Plant Health Instructor.
7. Plant Disease Management - American Phytopathological Society

5. *Specific course information*

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

This course provides a basic understanding of plant protection within the scope of agriculture,taxonomy, morphology, bioecology of pests, pathogens and weeds (plant pest organisms), as well as various basics and ways of dealing with them.

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 broadly in overcoming agricultural problemsfor sustainable agricultural development (P) **PI 2** : Analyze agricultural problems using a soil science approach and agricultural sciences ingeneral
7. Course Learning Outcomes (CPMK) *ex. The student will be able to explain the significance of current research about a particular topic.*
2. Analyze agricultural problems using a soil science approach and agricultural sciences Ingeneral
8. Learning and teaching methods
Cooperatvie learning
9. Language of instruction
Indonesian
10. Assessment methods and criteria
Summative Assessment 1. Assignment 2. UTS 3. UAS **Formative Assessment**: Minutes paper