



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)

3. *Instructors and course coordinator*

Dr. Haliatur Rahma, SSi. MP.

Dr. Ir. Arneti MS.

Dr. Ir. Munzir Busniah MSi.

Dr. Jumsu Trisno, SP. MSi.

Dr. Ir. Eri Sulyati MSc.

Ir. Winarto, MS

Ir. Yunisman MP.

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

1. Plant Disease Management - American Phytopathological Society

2. Plant Disease Management Strategies.

3. Jacobsen B. 2001. Disease Management. Pages 351-356 in: Encyclopedia of Plant Pathology, O.C. Maloy and T.D. Murray, eds. Wiley, New York.

4. Maloy OC. 1993. Plant Disease Control: Principles and Practice. Wiley, New York.

5. Maloy OC, Baudoin A. 2001. Disease Control Principles. Pages 330-332 in: Encyclopedia of Plant Pathology. O.C. Maloy and T.D. Murray, eds. Wiley, New York.

6. Maloy OC. 2005. Plant Disease Management. The Plant Health Instructor.

7. Walters D. (Ed). 2009. Disease Control in Crops: Biological and Environmentally-Friendly Approaches. Wiley-Blackwell

8. Kasumbogo Untung. 2015. Pengantar Pengelolaan Hama Terpadu. Gajah Mada Univesity Press.;

9. Agrios, GN, Plant Pathology. Fourth Edition. Academic Press, New York.

10. 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

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 problems for sustainable agricultural development (P)
PI 2 : Analyze agricultural problems using a soil science approach and agricultural sciences in general
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 in general
8. Learning and teaching methods
Cooperatvie learning
9. Language of instruction
Indonesian
10. Assessment methods and criteria

Summative Assessment :

Assignment

UTS

UAS

Formative Assessment:

Minutes paper