



## Module Description/Course Syllabi

Study Program : Bachelor Program (S1)  
 Faculty of Agriculture  
 University of Andalas

### 1. Course number and name

PTN62202 Integrated Farming System

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

3 credits

### 3. Instructors and course coordinator

1. Dr. Gusnidar, Mp
2. Prof. Dr. Ir. Yulnafatmawita, MSc

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

1. Guntoro. S. 2011. Time to implement Techno-Ecological Agriculture: A model of future agriculture. to respond to climate change. Agromedia Library. Jakarta. 174 p.
2. Arsyad, S. and Rustiadi. E (ed). 2008. Saving Land, Water and the Environment. Collaboration between Crespent Press and Yayasan Obor Indonesia. 287 p.
3. Handayanto, E. and Gairiah, K. 2007. Soil Biology, the foundation of healthy soil management. Adipura Library. Yogyakarta. 195 p.
4. Sutanto, R. 2002a. Organic Farming, Towards alternative and sustainable agriculture. Canisius. Yogyakarta. 217 p.
5. Sutanto, R. 2002b. Application of Organic Farming, Correctional Services. and and its development. Canisius. Yogyakarta, 219 p.
6. Other materials relevant to sustainable land management.

### 5. Specific course information

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

The integrated system course aims to provide students with the ability to manage natural resources in an integrated manner that prioritizes empowering farmers in providing natural and environment-based inputs

#### 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-4: Able to apply their professional responsibilities to make decisions in land and environmental management

P4.3 Determine alternative solutions to land problems

### 7. Course Learning Outcomes (CPMK) ex. The student will be able to explain the significance of current research about a particular topic.

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| 1. Determine alternative solutions to land problems   |
| <b>8. <i>Learning and teaching methods</i></b>  |
| Cooperative Learning and Project Based Learning   |
| <b>9. <i>Language of instruction</i></b>  |
| Indonesian  |
| <b>10. <i>Assessment methods and criteria</i></b>   |
| <b>Summative Assessment :</b><br>1. Assignment<br>2. UTS<br>3. UAS<br>4. Internship<br><br><b>Formative Assessment:</b><br>1. Thumb up and thumb down<br>2. Minutes paper |