



## Module Description/Course Syllabi

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

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

PTN611 03 Introduction to Ecology

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

2 credits

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

Prof. Dr. Ir. Hermansah, MS. MSc,  
Prof. Dr. Ir. Herviyanti, MS  
Prof. Dr.rer.nat. Ir. Syafrimen Yasin, MS.MSc  
Dr. Mimien Harianti, SP. MP  
Dr.Ir. Agustian  
Ir. Oktanis Emalinda, MP,  
Ir. Lusi Maira, MAgrSc

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

1. Berhane Gebreslassic , 2016 . Soil ecology. Ethiopia
2. Deshmukh, I. 1992. Ekologi dan Biologi Tropika. Kartawinata, K. dan S. Danimihardja. [Penerjemah]. Ecology and Tropical Biology. Yayasan Obor Indonesia. Yakarta. 521 hal.
3. Mackenzie, A., A.S. Ball and S. R. Virdee. 2018. Instant Notes in: Ecology. Bios Scientific Fublisher. Oxford. 321 p.
4. Odum, E.P. 2013. Dasar-dasar Ekologi. Samingan, T. [Penerjemah]. Fundamental of Ecology. UGM Press. Jogyakarta. 697. hal

### **5. Specific course information**

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

- Students understand CPMk, assessment indicators, learning materials, *colaborative* learning methods, project assessment and assessment of learning outcomes, and references.
- Able to mention concepts and explain the scope of pmamalogy.

#### **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
<b>6. Intended Learning Outcomes (CPL)</b>
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
<b>7. Course Learning Outcomes (CPMK) ex. The student will be able to explain the significance of current research about a particular topic.</b>
1. Apply basic sciences and soil science in solving land and environmental problems for agricultural development
<b>8. Learning and teaching methods</b>
Cooperative Learning and Problem Based Learning
<b>9. Language of instruction</b>
English
<b>10. Assessment methods and criteria</b>
<b>Summative Assessment :</b> Assignment UTS UAS <b>Formative Assessment:</b> Minutes paper