



## Module Description/Course Syllabi

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

### 1. *Course number and name*

PTN611 01 Biology

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

3 credits ( 2 classes, 1 practice)

### 3. *Instructors and course coordinator*

Dr. Armansyah, SP. MP.  
 Ir. Martinius, MS.  
 Dr. Lily Syukriani, SP. MP.  
 Dr. Dini Hervani SP, MSi  
 Dr. Haliatur Rahma SSi. MP  
 Obel, SP. MP.  
 Dr. Ir. Nalwida Rozen MP.  
 Dr. Yulmira Yanti SS.i, MP.

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

### 5. *Specific course information*

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

This course discusses the role of plants in agriculture, living creatures and the origin of life, understanding cells, cell theory and plant cell structure, meiosis and mitosis, plant morphology (cytology, histology of stems, roots and leaves), understanding plant taxonomy, classification/description of plants and microorganisms that disturb the agricultural sector.

#### *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
<b><i>D. Mode of delivery (face-to-face, distance learning)</i></b>
Face to face
<b>6. <i>Intended Learning Outcomes (CPL)</i></b>
ILO 1: Able to apply basic agricultural sciences widely in overcoming agricultural problems for sustainable agricultural development (P)
PI 1 : Explain agricultural sciences related to soil science.
<b>7. <i>Course Learning Outcomes (CPMK) ex. The student will be able to explain the significance of current research about a particular topic.</i></b>
1. Explain agricultural sciences related to soil science.
<b>8. <i>Learning and teaching methods</i></b>
LCD and Projector
<b>9. <i>Language of instruction</i></b>
English
<b>10. <i>Assessment methods and criteria</i></b>
<b>Summative Assessment :</b>
Tasks : 5%
Quiz : 5 %
Mid Semester : 25%
Final Semester : 25%
Praktikum :30%
Attendance : 5%
<b>Formative Assessment:</b>
Thumb up and thumb down
Minutes paper