



## Module Description/Course Syllabi

Study Program : Bachelor Program (S1)

Faculty of Agriculture

University of Andalas

### 1. Course number and name

PTN61106 Geomorphology and Landscape Analysis

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

2 credits

### 3. Instructors and course coordinator

1. Prof. Dr. Ir Azwar Rasyidin, MSc
2. Prof.Dr.Ir., Dian Fiantis, MSc,
3. Prof. Dr. Ir Hermansyah, MSc

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

1. Desaunnetes (1997) Catalogue of Landform for Indonesia. Soil Research Institute. Bogor Indonesia
2. Alistair F. Pitty. 2020. Introduction to Geomorphology.
3. Ireneo Peter Martini, Michael E. Brookfield, Steven Sadura · 2001.Principles of Glacial Geomorphology and Geology
4. Peter McLaren Donald Duff · 1993. Principles of Physical Geology

### 5. Specific course information

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

After completing this course, students will be able to explain about various forms ofland in Sumatra

#### 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. <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)
P1.3. Apply basic sciences and soil science in solving land and environmental problems for agricultural development
ILO-4: Able to apply their professional responsibilities to make decisions in land and environmental management
4.1 Assessing soil properties and features
<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. Apply basic sciences and soil science in solving land and environmental problems for agricultural development
2. Assess soil properties and characteristics
<b>8. <i>Learning and teaching methods</i></b>
Cooperative Learning and Case Method Learning
<b>9. <i>Language of instruction</i></b>
Indonesian
<b>10. <i>Assessment methods and criteria</i></b>
<b>Summative Assessment :</b>
1. Assignment
2. UTS
3. UAS
4. Internship
<b>Formative Assessment:</b>
1. Minutes paper