



Module Description/Course Syllabi

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

1. Course number and name

PIT621 04 Cadastral and Cartography

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

3 credits (2 classes, 1 practicum)

3. Instructors and course coordinator

1. Ir., Junaidi, MP,
2. Zuldadan Naspendra , SP. MSi
3. Ir. Irwan Darfis, MP
4. Dr. Ir Juniarti, SP. MP

4. Text book, title, outhor, and year

1. Basic Cartographic Soil Measurement Science (Sariyono and Nursa'ban, 2010)
2. Survey and Mapping Techniques
3. Literature Online other than wikipedia:
4. Bulletins, Journals, Seminar proceedings, latest leaflets, etc. (many authors)
5. Arc GIS 10.00 instructions for use.

5. Specific course information

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

Students are able to understand the understanding and concepts of Soil Measurement and Cartography, practice and make maps manually and digitally using Arc GIS 10.00 software. Students are also able to zoom in and out of the scale of the map.

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-3: Able to use various methods for soil and crop analysis appropriately in land resource management
P3.2 Able to analyze soil and plants precisely, meticulously using the latest methods
ILO-5: Able to keep up with the latest knowledge and apply it to support appropriate learning strategies
P5.2 Using software technology, lab and field equipment for accurate data analysis.
7. Course Learning Outcomes (CPMK) ex. The student will be able to explain the significance of current research about a particular topic.
1. Able to analyze soil and plants precisely, meticulously using the latest methods
2. Using software technology, lab and field equipment for accurate data analysis.
8. Learning and teaching methods
Cooperative Learning and Case Method Learning
9. Language of instruction
Indonesian
10. Assessment methods and criteria
Summative Assessment :
<ol style="list-style-type: none"> 1. Assignment 2. UTS 3. UAS 4. Internship
Formative Assessment:
<ol style="list-style-type: none"> 1. Thumb up and thumb down 2. Minutes paper