	Module Description/Course Syllabi
	Study Program : Bachelor Program (S1)
	Faculty of Agriculture
	University of Andalas

1. Course number and name

PIT622 01 Remote Sensing

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

3 credits (2 classes, 1 practicum)

3. Instructors and course coordinator

1. Prof. Dr. Ir. Dian Fiantis, M.Sc
2. Dr. Ir Juniarti, SP. MP

4. Text book, title, outhor, and year

1. Howard, J.A. 1996. Remote sensing for forest resources.
2. Sutanto. 1979. Basic Knowledge of Image Interpretation.
3. Sutanto. 1987. Remote Sensing.
4. Pzine, D.P. 1992. Aerial Photography. e. Wiradisastra, U.S. 1999. Geomorphology and Landscape Analysis.

5. Specific course information

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

Students are able to explain and use the knowledge and analytical techniques obtained to assess, explain and understand remote sensing, and interpret the main objects of the earth on images of various wavelengths and present them in the form of thematic maps, manually, and calculate the accuracy of interpretation (statistical, descriptive).

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-4: Able to apply their professional responsibilities to make decisions in land and environmental management P4.2 Interpreting soil properties and characteristics	
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. Interpreting soil properties and characteristics	
3. 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 :
 	
  1. Assignment
  2. UTS
  3. UAS
  4. Internship
 	
Formative Assessment:
 	
  1. Thumb up and thumb down
  2. Minutes paper	