UNIVERSITAS ANDALAS

Module Description/Course Syllabi

Study Programme: Magister of Soil Science

Faculty of Agriculture Universitas Andalas

1. Course number and name

MIT 81226 Management of Wet Tropical Dry Land

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

3 sks (2-1)

3. Specific course information

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

This course discusses the types of dry land in the wet tropical regions. Understanding the physical, chemical, and biological properties of each type of dry land in general. Analyzing cropping system practices (monoculture, multiple cropping, rotation, etc). What is the potential, what are the obstacles, and how to solve the problems as well as to increase the productivity and to maintain the environment in a sustainable manner..

C. Semester when the course unit is delivered

Even Semester

D. Mode of delivery (face-to-face, distance learning)

Face to face

4. Intended Learning Outcomes (CPL)

- **ILO 2**: An ability to classify soil, to evaluate land capability and suitability, as well as to determine the alternative utilization for sustainable agriculture and environment
- **PI 3** : 3. An ability to determine suitable land use management
- **ILO 3**; An ability to use technology in identifying and solving problems of soil, land resource, environment problems independently, eligibly, and accurately
- PI 3 : An ability to conserve soil for sustainable agriculture and environment
- 5. Course Learning Outcomes (CPMK) ex. The student will be able to explain the significance of current research about a particular topic.
 - 1. Students will be able to determine suitable land management to reach sustainable agriculture and environment
 - 2. Students will be able to find out the best method to conserve soil problem for sustainable agriculture and environment

6. Learning and teaching methods

Cooperative Learning and Case Base Method

7. Language of instruction

Bahasa and English (English Class)

8. Learning and teaching methods

Cooperative learning and Case Base Method

9. Language of instruction

Indonesia and English (English Class)

10. Assessment methods and criteria

Summative Assessment:

Tasks: 5%
Quiz: 5 %

3. Mid Semester : 25%4. Final Semester : 25%5. Practikum :30%

6. Attendance : 5% Formative Assessment:

2. Thumb up and thumb down

3. Minutes paper