



Module Description/Course Syllabi

Study Programme : Magister of Soil Science

Department of Soil Science and Land Resources

Faculty of Agriculture Universitas Andalas

1. Course number and name

MIT 81217 Spatial Planning

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

3 scs (2-1) / 3.97

3. Instructors and course coordinator

1. Prof. Dr. Ir. Azwar Rasyidin, M.Agr;
2. Prof. Dr. Ir. Aprisal, MP

4. Text book, title, author, and year

1. Tarigan, R. (2005). *Regional Development Planning*. Bumi Aksara Publisher, Jakarta.
2. Glasson, J. (1987). *An Introduction to Regional Planning*. Hutchinson, London.
3. [Law No. 26 of 2007](#) concerning Spatial Planning.

Other References:

- Journals and articles on spatial planning and land management.

5. Specific course information

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

This course includes understanding of regional planning and development by time. Regions, and spatial analysis, theories and concepts, spatial analysis. Regional development concepts and theories, including regional typology, development theory, productive areas, evaluation of land resources, regional development, spatial planning, rural and urban area development, development of coastal areas and small islands, feasibility of expansion of administrative regions

B. Course Content

- 1 The importance of spatial planning.
Meaning, objective, scope, and utilization of spatial planning, and the relation to other sciences.
- 2 Concept and theory of region development
- 3 Concept and planning of archipelago
development4Theory of agropolitan
- 5 Theory of regional development
- 6 Role of natural resource in regional
development7Evaluation of natural resources
- 8 Mid exam
- 9 Regional development
- 10 Regional development based on
technology11Designing region
- 12 Rural development

13 Development and spatial planning policy14Sub urban development 15 Urban development Final exam
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 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 : 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
7. 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 Students will be able to find out the best method to conserve soil problem for sustainable agriculture and environment
8. Learning and teaching methods
Cooperative Learning, Problem Base Method
9. Language of instruction
Indonesia and English (English Class)