

Institution name here

No _____/.....

Place, Date ____/____/____

Course Syllabus

1 Program

Title of the study programme: **M.Sc. on Agriculture and Environmental Forestry**

2 Course details

Course name: Land use planning Agroforestry

Course code: ME 1031110

Number of credits (hours/week): 2 (1-2-3); 6 hours per week but two classes per week, total 96 hours. 32 hours Lecture and Practice 32 hours Assessment 32 hours.

Course type (tick the appropriate box): Required, Elective, Other, if other please explain:

Prerequisites courses: Soil Science, Land use Planning, Agroforestry

Semester, in which the course is taught: *tick the appropriate box below*

Year 1		Year 2	
Semester 1	Semester 2	Semester 1	Semester 2
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3 Responsible unit

3.1 Department:

Names and affiliations of lecturer(s): **Lecturer:** Bounheuang Channang. **Affiliation:** Department of Forest Resource, Faculty of Agriculture and Forest Resource. Souphanouvong University.



4 Course description

This course brings capacity, knowledge and understanding to land use planning systems. Moreover, students will learn to understand the patterns Land evaluation and Land use planning procedures, they are be able to analyze problems and mechanisms to promote sustainable land use development

5 Course objectives

This course will provide all students with knowledge of land use planning theory, as well as to understand the procedures and processes of land assessment using geographical information, land use planning, and agricultural quality assessment.

Knowledge: After completing this course, students will have knowledge on land use planning, land and be able to adopt this knowledge in daily activities.

Skills: After completing this course, students will have the ability to apply their new knowledge to conduct research and plan for land use.

Application of theories to practice: Able to analyze numerically and use geographical technology to communicate, study, research, analyze and select information from various sources appropriately.

Social knowledge and skills: After completing this course, students will have skill for working with team, team leader to do projects and apply them to action plans and Government strategies.

5.1 Learning objectives of particular modules

If the course is divided into sections or modules, please state the learning objectives for the specific sections/modules taught within the course

6 Course teaching methods

The teaching of this course will use a combination of lectures with PPT presentations, show images and Videos of lessons, Q and A; and practical sessions ('Practice') including a field survey with data collection, Lap and Report.

.

7 Teaching plan

Specify the teaching plan for each week of the course, including the methods used to relay information to the students and the number of hours spent on the subjects



Week	Content	Method/activity	Hours
1	Lecture: Introduction 1. Explain the content and objectives of the course throughout the course to achieve the objectives, work, study topics. 2. Assess learning outcomes	1. Lecture 2. Group discussion A&Q	1
2	Lecture : Definition and importance of land use planning	1. Lecture 2. Group discussion A&Q	2
3	Lecture : Land characteristics, Land qualities and diagnostic criteria	1. Lecture 2. Group discussion A&Q	4
4	Lecture : Land evaluation 1. Land quality assessment 2. Land assessment process 3. Case Study:Land evaluation	1. Lecture 2. Group discussion A&Q	4
5	Practices: Land use Survey	Field survey and data collection	16
6	Assessment : Analysis of the Existing Land Use Pattern	Report and Presentation	10
7-8	Lecture: Land Use Planning - Level of land use planning - Land Use Planning Procedures - Participatory Forest and Agriculture Land Use Planning	1. Lecture 2. Group discussion A&Q	6
9	Assessment : Case Study Participatory Land Use Planning	Report and Presentation	10
10	Midterm Exam	writing	1
11	Lecture: Land Use 1. Describe the things related to land management 2. Land management situation	1. Lecture 2. Group discussion A&Q	3



12-13	Lecture: Land Use - management in community zone - Land Use management in conservation area zone - land degradation and land use problems, methods of mapping for land use planning	1. Lecture 2. Group discussion A&Q	4
14-15	Lecture: Application of GIS for land evaluation and land use planning	1. Lecture 2. Group discussion A&Q	8
16-17	Practices: Land use mapping and Landuse Classification	Lap	16
18-19	Assessment : Landuse Classification from Landsat	Report and Presentation	12
20	Final Exam	writing	1

8 Material needs

9 References

9.1 Compulsory reading list

MOAF, 2010. Manual of Land Use planing participatory of agriculture and forestry in village.

9.2 Suggested reading list

FAO. 1976. A Framework for Land Evaluation. Soils Bulletin 32. FAO, Rome.

FAO. 2007. Land Evaluation: Towards a Revised Framework. FAO, Rome

<https://earthexplorer.usgs.gov/>

10 Assessment of students

10.1 Description of assessment

- Class Attendance 10%
- Reporting/Assignment 20%
- Small Exam 10%
- Midterm 25%
- Final Exam 35%

10.2 Grade distribution and student assessment



Grading scale

Grade		Total score	Scale
Symbol	Verbal grade		
A	Excellent	90-100	4.00
B ⁺	Very Good	85-89	3.5
B	Good	80-84	3.00
C ⁺	Fairly Good	75-79	2.50
C	Fair	70-74	2.00
D ⁺	Poor	65-69	1.50
D	Very Poor	60-64	1.00
F	Fail	59	0.00

Place, Date/...../.....