

# MASTER IN **ENVIROMENTAL SCIENCE**

(LAND USE AND WATER RESOURCE MANAGEMENT)

# MASTER IN **ENVIRONMENTAL MANAGEMENT**

(DEVELOPMENT PLANNING)

Inclusive . Global . Sustainable

FACULTY OF RESOURCE SCIENCE  
AND TECHNOLOGY

FACULTY OF SOCIAL SCIENCES  
AND HUMANITIES

by coursework

SEPTEMBER  
Intake

# INTRODUCTION

The Faculty of Resource Science and Technology (FRST) and the Faculty of Social Sciences and Humanities (FSSH) jointly offer a capacity building academic programme for the promotion of sustainable land use and natural resource management in Malaysia (SLUSE-M). This programme confers either a Master in Environmental Management (Development Planning) or Master in Environmental Science (Land Use and Water Resource Management). Master in Environmental Management (Development Planning) or MEMD is offered by FSSH while FRST offers Master in Environmental Science (Land Use and Water Resource Management) or MELW. The programme is modeled on and implemented in parallel to a similar programme initiated by a Danish consortium of universities (SLUSE-D). SLUSE-M applies natural and social scientific theories and methodologies in developing interdisciplinary approaches to understand the problems and finding solutions related to sustainable use of natural resources. This capacity building initiative is realized through the improvement and integration of education, training and research involving students and academic staff of UNIMAS, in collaboration with other local and foreign universities and agencies.

SLUSE-M programme offers three main components as follows: 1) Joint SLUSE module; 2) Joint Experiential module; and 3) Core module which would stream students into two possible majors of either MEMD or MELW.

## ADMISSION

The Master in Environmental Management (Development Planning) or (MEMD) or the Master in Environmental Science (Land Use & Water Resource Management) (MELW) programme has one intake every year in September. Application is open throughout the year and can be done online via: [oas.ia.unimas.my](http://oas.ia.unimas.my)

### Joint SLUSE Module

JSM 6012	Ecological System: Concept and Issues
JSM 6022	Land Use and Natural Resource Management
JSM 6072	Community Livelihood Strategies and Agricultural Systems
JSM 6042	Applied Environmental and Resource Economics
JSM 6053	Monitoring Using Earth Observation (EO) and GIS
JSM 6064	Environmental Management Instruments and Systems

### Joint Experiential Module

JEM 6014	Interdisciplinary Methodology
JEM 6025	Interdisciplinary Field Work and Report/ Project Paper

### Core Module (MEMD)

CMD 6013	Development and Society
CMD 6023	Development Economics
CMD 6033	Regional Development Planning
CMD 6043	Project Planning and Evaluation
CMD 6056	Research Project

### Core Module (MELW)

CML 6013	Ecological Science
CML 6022	Green Management and Technology
CML 6032	Sustainable Soil Resource Management
CML 6045	Water Resource Management
CML 6066	Research Project

## DURATION OF THE PROGRAMME

The Master in Environmental Management (Development Planning) (MEMD) or Master in Environmental Science (Land Use and Water Resource Management) (MELW) which covers three modules respectively can be completed in a period of 18-24 calendar months.

## FACILITIES AND RESOURCES

To support your study, the university provides various facilities and resources:

- Perpustakaan Tun Abdul Rahman Ya'kub (PeTARY)
- Computing facilities
- Online learning support
- Knowledge sharing from experts of different disciplinary backgrounds

## WHO SHOULD APPLY

The programme aims at providing opportunities to various groups of potential candidates such as:

- Graduates and professionals involved in resource and environmental management;
- Consultants and policy makers whose works are related to environmental resource management;
- The general public with a relevant bachelor degree who wish to learn or update their knowledge in resource and environmental management.

## COURSE FEES

Malaysian student **RM 17,272.00**  
International students **RM 27,200.00**

Fees include registration, tuition and course materials for the duration of the programme. Further payment will be required if the students extend their studies.

## ENTRY REQUIREMENTS

For admission into the programme, a candidate must meet the following criteria:

- A Bachelor degree with a minimum CGPA of 2.50 or equivalent, as accepted by the Senate;
- A Bachelor's degree or equivalent but CGPA less than 2.50 may be admitted subject to a minimum of five years working experience in the relevant field or other equivalent qualifications as approved by the Senate
- For international students, a minimum IELTS score of 5.0 or its equivalent (e.g TOEFL-525; TOEFL Computer Test-196; TOEFL Internet Test 69-70 or MUET Band 3) is required.

## PROGRAMME SCHEDULE

Teaching and learning activities for this programme are conducted on Saturdays and Sundays and the courses are offered in modular systems.

## JOINT FIELD COURSE AS AN INTERNATIONAL FIELD WORK

Joint field course is considered one of the highlights of the SLUSE programme where students are given the opportunity to apply their interdisciplinary knowledge in research methodologies in the context of real-life issues while allowing for intercultural exposure and academic discourse between international and Malaysian students.

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