

# LIST OF PROGRAMMES

## PhD

Doctor of Philosophy (AT 950)  
PhD (Industry)

## Master

### Coursework

Master in Plantation Industry  
Management (AT 770)

### Research

Master of Science (AT 750)

### Mixed-Mode Programmes

Master of Science  
Soil Science (AT731)

Master of Science  
Agronomy (AT 732)

Master of Science  
Agribusiness (AT 733)

Master of Science  
Crop Protection (AT 734)

Master of Science  
Plantation Industry Management (AT  
735)

Master of Science  
Plant Biotechnology (AT 736)



## FURTHER INFORMATION

Postgraduate Programmes can be directed to:

Head,  
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Faculty of Plantation and Agrotechnology  
Universiti Teknologi MARA (UiTM)  
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UNIVERSITI  
TEKNOLOGI  
MARA

# CENTRE OF POSTGRADUATE STUDIES

By **MIXED MODE** Programmes



Faculty of Plantation and Agrotechnology  
**UNIVERSITI TEKNOLOGI MARA**

<http://fpa.uitm.edu.my/>

# MIXED MODE PROGRAMMES

## 1. MASTER OF SCIENCE (SOIL SCIENCE)

This programme consist of 70% research and 30% taught course. The core of this programme covers current issues in Soil Science, Microbiological Processes in Soils and Soil Water and Plant System. Students are required to select one of the three elective courses which are Land-use and Environment, Soil Morphology and Classification and Fertilizer Technology and Nutrient Management. The final component of the programme is a research project on an approved topic relevant to the focus of the programme.

### DURATION OF STUDY

MODE OF STUDY	MINIMUM	MAXIMUM
FULL TIME	2 SEMESTER (1 YEARS)	4 SEMESTER (2 YEARS)
PART TIME	4 SEMESTER (2 YEARS)	6 SEMESTER (3 YEARS)

### ADMISSION REQUIREMENT

Candidates applying for this course should fulfill the following qualifications:  
-A Bachelor's Degree in the field of agriculture and plantation technology management or its equivalent from the related disciplines with minimum CGPA of at least 3.00

## 2. MASTER OF SCIENCE (AGRONOMY)

This programme consist of 70% research and 30% taught course. The core of this programme covers current issues in Agronomy, Plant Ecophysiology and Soil and Plant Nutrition. Students are required to select one of the four elective courses which are Transformation in Crop Production Technology, Controlled Environment Crop Production, Crop Improvement and Conservation and Organic Food Crop Production. The final component of the programme is a research project on an approved topic relevant to the focus of the programme.

### DURATION OF STUDY

MODE OF STUDY	MINIMUM	MAXIMUM
FULL TIME	2 SEMESTER (1 YEARS)	4 SEMESTER (2 YEARS)
PART TIME	4 SEMESTER (2 YEARS)	6 SEMESTER (3 YEARS)

### ADMISSION REQUIREMENT

Candidates applying for this course should fulfill the following qualifications:  
-A Bachelor's Degree in the field of agriculture and plantation technology management or its equivalent from the related disciplines with minimum CGPA of at least 3.00

## 3. MASTER OF SCIENCE (AGRIBUSINESS)

This programme consist of 70% research and 30% taught course. The core of this programme covers current issues in Agribusiness, Advanced Agribusiness Management and Advanced Agricultural Production Economics. Students are required to select one of the four elective courses which are International Agricultural Commodity Marketing, Agricultural Trade and Policy, Financial Management in Agriculture and Agricultural Supply Chain Management. The final component of the programme is a research project on an approved topic relevant to the focus of the programme.

### DURATION OF STUDY

MODE OF STUDY	MINIMUM	MAXIMUM
FULL TIME	2 SEMESTER (1 YEARS)	4 SEMESTER (2 YEARS)
PART TIME	4 SEMESTER (2 YEARS)	6 SEMESTER (3 YEARS)

### ADMISSION REQUIREMENT

Candidates applying for this course should fulfill the following qualifications:  
-A BSc (Hons) (Agribusiness or its equivalent from related disciplines) from UiTM with a CGPA of at least 3.00; or  
-A BSc (Hons) (Agribusiness or its equivalent from related disciplines) from any local or foreign universities with a CGPA of at least 3.00 or its equivalence; or  
-A BSc (Hons) (Agribusiness or its equivalent from related disciplines) with a CGPA of at least 2.75 and working experience of at least 2 years in related field

## 4. MASTER OF SCIENCE (CROP PROTECTION)

This programme consist of 70% research and 30% taught course. The core of this programme covers Identification of Crops Pests and Control, Molecular Entomology and Insect Pathology. Students are required to select one of the three elective courses which are Toxicology, Insect Systematic and Microbial Control Issues. The final component of the programme is a research project on an approved topic relevant to the focus of the programme.

### DURATION OF STUDY

MODE OF STUDY	MINIMUM	MAXIMUM
FULL TIME	2 SEMESTER (1 YEARS)	4 SEMESTER (2 YEARS)
PART TIME	4 SEMESTER (2 YEARS)	6 SEMESTER (3 YEARS)

### ADMISSION REQUIREMENT

Candidates applying for this course should fulfill the following qualifications:  
-A Bachelor's degree in plantation/agriculture or its equivalent from any recognized institution with a CGPA of at least 2.75; or  
-A Bachelor's degree in plantation/agriculture or its equivalent from any recognized institution with a CGPA of at least 2.50 and two years working experience in related field; or  
-Other qualifications recognized by the Senate of the University

## 5. MASTER OF SCIENCE (PLANTATION INDUSTRY MANAGEMENT)

This programme consist of 70% research and 30% taught course. The core of this programme covers current issues in Plantation Industry Management, Plantation Management and Strategic Management. Students are required to select one of the three elective courses which are Environmental Management, Soil Fertility Management and Advanced Crop production. The final component of the programme is a research project on an approved topic relevant to the focus of the programme.

### DURATION OF STUDY

MODE OF STUDY	MINIMUM	MAXIMUM
FULL TIME	2 SEMESTER (1 YEARS)	4 SEMESTER (2 YEARS)
PART TIME	4 SEMESTER (2 YEARS)	6 SEMESTER (3 YEARS)

### ADMISSION REQUIREMENT

Candidates applying for this course should fulfill the following qualifications:  
-A BSc (Hons) (Plantation Industry Management or its equivalent from related disciplines) from UiTM with a CGPA of at least 3.00; or  
-A BSc (Hons) (Plantation Industry Management or its equivalent from related disciplines) from any local or foreign universities with a CGPA of at least 3.00 or its equivalence; or  
-A BSc (Hons) (Plantation Industry Management or its equivalent from related disciplines) with a CGPA of at least 2.75 and working experience of at least 2 years in related field

## 6. MASTER OF SCIENCE (PLANT BIOTECHNOLOGY)

This programme consist of 70% research and 30% taught course. The core of this programme covers current issues in Plant Biotechnology, Advanced Plant Biotechnology and Commercializing Biotechnology. Students are required to select one of the three elective courses which are Advanced Plant Tissue Culture, Advanced Plant Genetic Manipulation and Advanced Plant Secondary Metabolites. The final component of the programme is a research project on an approved topic relevant to the focus of the programme.

### DURATION OF STUDY

MODE OF STUDY	MINIMUM	MAXIMUM
FULL TIME	2 SEMESTER (1 YEARS)	4 SEMESTER (2 YEARS)
PART TIME	4 SEMESTER (2 YEARS)	6 SEMESTER (3 YEARS)

### ADMISSION REQUIREMENT

Candidates applying for this course should fulfill the following qualifications:  
-A Bsc (Hons) (Plant Biotechnology or its equivalent from related disciplines) from UiTM with at least two (2) years working experience in related field/area;  
-A Bsc (Hons) (Plant Biotechnology or its equivalent from related disciplines) from any local or foreign universities with a CGPA of at least 3.00 or its equivalence; or  
-A Bsc (Hons) (Plant Biotechnology or its equivalent from related disciplines) with a CGPA of at least 2.75 with at least two (2) years working experience in related field