

Faculty of Graduate Studies, University of Ruhuna, Matara
www.fgs.ruh.ac.lk

Application For Msc In Crop Production Technology (MCPT)

**This application form must be returned on or before
 29th September 2017 to the above address**

A. PERSONAL

1. Name of Applicant: *Enter full name and underline surname*

Mr/Mrs/Ms.

Name with Initials:

2. Address:

Residence	☐	Fax:
	Email:	

Official:	☐	Fax:
	Email:	

3. Country of your present citizenship

4. Country of Residence

5. Place of Birth
City/Country

Date of Birth

Y	☐	M	☐	D	☐
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6. Marital Status

Single Married Widowed Divorced

7. Occupation of the spouse
 (If any)

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B. EDUCATION

(Please start with the most recent. If you need more space, please use a separate sheet and continue under the same headings):

<ul style="list-style-type: none"> Name of Institution, University or Professional School 	
<ul style="list-style-type: none"> Major field of Study or Subjects 	
<ul style="list-style-type: none"> Dates attended (from/to) 	
<ul style="list-style-type: none"> Name of Diploma or Degree 	
<ul style="list-style-type: none"> Date received or expected 	
<ul style="list-style-type: none"> Name of Institution, University or Professional School 	
<ul style="list-style-type: none"> Major field of Study or Subjects 	
<ul style="list-style-type: none"> Dates attended (from/to) 	
<ul style="list-style-type: none"> Name of Diploma or Degree 	
<ul style="list-style-type: none"> Date received or expected 	

C. WORK EXPERIENCE:		
1. Start with current employment. If you need more space, please use a separate sheet and continue under the same headings.		
Current Employment: <i>Name & Address</i>		
<i>Designation & Department:</i>		
<i>Type of Work:</i>		
<i>Duration (Month/Year):</i>	<i>From:</i>	<i>To:</i>
Previous Employment: <i>Name & Address</i>		
<i>Designation & Department:</i>		
<i>Type of Work:</i>		
<i>Duration (Month/Year):</i>	<i>From</i>	<i>To:</i>
<i>Previous Employment:</i> Name & Address		
<i>Designation & Department:</i>		
<i>Type of Work:</i>		
<i>Duration (Month/Year):</i>	<i>From:</i>	<i>To:</i>

D. Language Proficiency

1. Native Language					
2. English Language Proficiency <i>(Put ✓ in appropriate cell)</i>		Excellent	Good	Fair	Poor
	Speaking				
	Reading				
	Writing				
3. TOEFL, IELTS (or other) Score Report, if Available (attach a copy)					

E. Other Qualifications and Experience (if any)

Organization	Details

F. Evidence of Research (If any)

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G. Publications (if any)

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H. Other Special Skills (if any)

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I. Other Qualifications (Not mentioned above)
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J. Reasons to follow the MSc programme

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23. Names of two Academic Referees (confidential reports from the referees should be sent in the given format)	
Name	
Designation	
Address	
Tel. No.(s)	
Fax	
E-Mail	
Name	
Designation	
Address	
Tel. No.(s)	
Fax	
E-Mail	

I certify that all the information in my application factually true and honestly presented.

.....

Date

.....

Signature

This form, duly completed, should reach the above address by **29th September 2017** along with a receipt of a payment of Rs.1000.00 as an application processing fee to the Account Number 032100160036374 of University of Ruhuna of Matara-Uyanwaththa branch of the peoples Bank.

MSc in Crop Production Technology (MCPT)				
Faculty of Graduate Studies				
University of Ruhuna				
CONFIDENTIAL LETTER OF REFERENCE (A)				
Name of Applicant:				
How long have you known the applicant?				
In what capacity have you known the applicant?				
Employer		Supervisor		Teacher
				Professor
Other (Specify)				
3. Please assess the candidate's suitability for the MSc Programme based on his/her educational background, work experience and individual needs for career development				
4. In the rating chart below, please evaluate the applicant in comparison with others whom you have known during your professional career. (Tick '√')				
	Excellent	Very Good	Average	Below Average
◆ Intellectual ability				
◆ Knowledge of field				
◆ Work habits				
◆ Seriousness of purpose				
◆ Resource				
◆ Emotional maturity & initiative				
◆ Dealing with others				
Name and Title:				
Business, Government or University Affiliation:				
Signature: (Rubber stamp if available)			Date:	

This form, duly completed, should reach the above address **29th September 2017** or hand over to the applicant in a sealed confidential cover.

MSc in Crop Production Technology (MCPT)				
Faculty of Graduate studies				
University of Ruhuna				
CONFIDENTIAL LETTER OF REFERENCE (B)				
Name of Applicant:				
How long have you known the applicant?				
In what capacity have you known the applicant?				
Employer		Supervisor		Teacher
				Professor
Other (Specify)				
3. Please assess the candidate's suitability for the MSc Programme based on his/her educational background, work experience and individual needs for career development				
4. In the rating chart below, please evaluate the applicant in comparison with others whom you have known during your professional career. (Tick '√')				
	Excellent	Very Good	Average	Below Average
◆ Intellectual ability				
◆ Knowledge of field				
◆ Work habits				
◆ Seriousness of purpose				
◆ Resource				
◆ Emotional maturity & initiative				
◆ Dealing with others				
Name and Title:				
Business, Government or University Affiliation:				
Signature: (Rubber stamp if available)				Date:

This form, duly completed, should reach the above address **29th September 2017** or hand over to the applicant in a sealed confidential cover.

INFORMATION AND INSTRUCTIONS FOR COMPLETION OF APPLICATION

Details of Postgraduate Degree program

1. Entry Requirements

- *Master of Crop Production Technology (MCPT)*

Graduates with a first degree in Agriculture/Biological Sciences or any other relevant field from a recognized University/Institution university and good working knowledge in English

2. Structure of the study program

The degree program consists of course work and a research component basically two year duration in the semester system. The course component provides a broad introduction to key aspects. First two semesters are designed mainly for the course work to acquire the knowledge about the field of study, analytical tools and research designs and partly to develop the research design. Second two semesters are mainly for the research work to fulfil the requirement of the program.

Students should complete the following requirements to award the Degree.

The degree program consists of course work and a research component. First two semesters are designed mainly for the course work to acquire the knowledge about the field of study, analytical tools and research designs and partly to develop the research design. Second two semesters are mainly for the research and partly for the course work to fulfil the need in analysis of results. Student should complete 30 credits for the course work and 30 credits for research in order to complete the preliminary requirements of the degree program.

Courses and examinations will be conducted according to the semester course unit system adopted by the Faculty of Agriculture, University of Ruhuna, under the guidelines set by the Quality Assurance and Accreditation Council of the University Grant Commission.

3. Fees

Application fee Rs. 1100.00 (With the submission of completed application)

Registration fee Rs.2500.00 per year

Tuitions fee Rs. 25000.00 per semester * 4 semesters

Library fee Rs.2500.00 (refundable) + Rs.1500 per year

Thesis submission fee Rs.5000.00

Examination fee Rs. 500.00 per course

Non-refundable application fee should be paid at the time of submission of completed application form. Registration fee and refundable library fee should be paid at the time of registration. Tuition Fee for each semester should be paid at the beginning of the each semester.

4. How to Apply

Application forms and details of the program can be obtained from the Faculty of Graduate Studies, University of Ruhuna or sending self addressed stamped envelope to the 'Assistant Registrar, Faculty of Graduate Studies, University of Ruhuna, Matara' or from web-site of Faculty of Agriculture, University of Ruhuna 'www.agri.ruh.ac.lk'.

Following documents should be accompanied with your application form

1. A certified copy of the first degree certificate
2. Two letters of recommendation
3. Evidence of proficiency in English
4. Copies of any other documents to prove the ability to follow the course

Duly completed applications along with all supporting documents should be sent to 'Assistant Registrar, Faculty of Graduate Studies, University of Ruhuna, Matara' before **15th July 2017** along with a receipt of a payment of Rs.1000.00 as an application processing fee to the Account Number 032100160036374 of University of Ruhuna of Matara-Uyanwaththa branch of the peoples Bank.

Referee reports A and B can be sent with the application form or separately by the referee to the above address. Copies of educational qualifications should be attached to the application form and originals should be produced at the interview.

The completed application form should reach the above address on or before, 29th September 2017

MSc in Crop Production Technology Course Structure, Duration, Syllabus and Evaluation

The MSc in Crop Production Technology is based on course works for the first two semesters followed by a research project which spans third and fourth semesters. The course works consist of lectures, practical classes, tutorials, seminars, case studies and field visits. The medium of instruction is English and the course is conducted in weekends at the Department of Crop Science.

Apart from the sound theoretical knowledge provided in the first two semesters, emphasis is given to practical research experience, experimentation in laboratory, field and controlled environments, techniques and instruments for measuring crops and their environments, computer based methods of data collection and analysis, and the interpretation and presentation of scientific information. Those who have obtained 30 credits for course works are eligible for the thesis defense examination which will be held at the end of the fourth semester.

Students shall not exceed the maximum number of allowed modules and credit limits per semester. Given below is the maximum number of credits and modules, a student can take per semester.

	Full time	Part time
Maximum number of modules per semester	08	04
Maximum number of credits per semester	20	10

The tentative list of modules offered for a particular semester will be notified to the students before registration for the course and students are required to choose the sufficient credits in consultation with the Course coordinator. Modules in the tentative list will only be offered if sufficient numbers subscribe to the module. Students will be notified before course registration if a module originally selected is not offered subsequently. Students are required to add modules from among the other modules offered to compensate for credit requirements if modules originally offered are subsequently found to be not available.

In case of failure and in the event such a module is not offered in a subsequent year a student who fails to earn credits in the original attempt has to register for a different module/s to satisfy the credit requirements for graduation. Students have total freedom to select the modules and to add or drop them during the first two weeks of lectures. All adding and dropping should be according to the procedure outlined by the course coordinator at the beginning of the course.

Research Project

As a part of the program, students are required to get 20 credits from the research project during which they will be guided and advised by a supervisor/s appointed by the Senate on the recommendation of Academic Advisory Board. A wide range of topics is available within the research interests of members of the teaching panel. A research proposal prepared by each student should be submitted to the Academic Advisory Board and upon a notification; a presentation should also be done. Duration of 8 to 12 months shall be spent on the research investigation on a full time basis or 16 to 24 on a part time basis. Thesis of the research project is expected to be submitted after the specified period as appropriate. However, to be eligible to submit the thesis, students are required to complete the relevant course works with 30 credits. They shall maintain a minimum overall GPA of 2.5 also. Duly completed thesis with the signatures of all supervisors and Head of the Department of Crop Science should be submitted to the SAR/Examinations, University of Ruhuna. SAR/Examinations, taking the comments of examiners into consideration, will then arrange the thesis defense examination which would be within a period of three months upon submission of thesis. However, if any minor correction is to be made as notified by the examiners, students are required to re-submit the corrected bound thesis within a period of six weeks. In the case of major revisions, the student may take a maximum period of six months to re-submit the thesis. In such a situation, student should register for an additional semester. The defense examination shall include an oral presentation followed by a defense by the candidate of his/her thesis and overall knowledge on the discipline areas. If a thesis is judged to be satisfactory, the Academic Advisory Board will grade it: Excellent, Very Good, Good or Fair. Those who obtained a satisfactory grade from the thesis defense examination will only be qualified for awarding of the degree.

The Academic Advisory Board consists of following members.

- Head of the Department (Chairperson)
- Course coordinator (appointed by the Head/Crop Science)
- Professors and Senior lecturers of the Department
- Two representatives the other departments of the Faculty
- Two representatives from the other relevant institutions

Duration of the Program

The duration of the M.Sc. degree program shall be:

- a) 24 to 30 months for full-time students, and
- b) 36 to 42 months for part-time students.

On a written request of a student, he/she may be allowed to change over from full-time registration to part-time registration of the course or vice-versa. In that case, the minimum period required for completing the remaining part of the course shall be decided by the Senate on recommendation of the Faculty.

The Senate may extend the period in any particular case on the recommendation of the faculty under exceptional circumstances.

Syllabus

Module 1 : Compulsory Courses		
Course No.	Course Name	Credits
CS 5301	Principles of Agronomy and Horticulture	3
CS 5201	Integrated Plant Nutrient Management	2
CS 5202	Applied Crop Physiology	2
CS 5203	Principles of Plant Protection	2
CS 5204	Bio Statistics	2
CS 5205	Organic and Biodynamic Agriculture	2
CS 5206	Agro-ecology and Sustainable Agriculture	2
CS 5207	Commercial Floriculture	2
CS 5208	Management of Aquatic Plants	2
CS 5209	Agro-forestry and Woodland Management	2
CS 5210	Plant Tissue Culture Technology	2
CS 5211	Protected Agriculture Technology	2
Module 2 : Elective Courses		
CS 5212	Current issues in Crop Production	2
CS 5213	Energy Plantations	2
CS 5214	Unutilized and Underutilized Crops	2
CS 5215	Crop Waste Management and Integrated Farming	2
CS 5101	Seminars	1
CS 5216	Statistics for Crop Technology Research	2
CS 5217	Production Technology of Plantation Crops	2
CS 5218	Landscape Gardening	2
CS 5219	Production Technology of Fruit Crops	2
CS 5220	Production Technology of Field Crops and	2
CS 5221	Production Technology of Export Agricultural	2
CS 5222	Post harvest Technology of Agricultural Crops	2

Course Evaluation

Most of the works are assessed on an individual basis, but some small-group assignments may also be included. The performance of a student shall be assessed on the basis of the following:

- Written examination(s);
- Seminars;
- Assignments, where appropriate;
- Examination of the dissertation and oral examination

The module coordinator, lecturers/examiners for each module conducted in a semester shall be nominated by the Department and recommended by the Faculty Board and approved by the Senate. A committee comprising of the Course coordinator, module coordinators and lecturers/ examiners for all modules under the supervision of the Head of the Department, is responsible for evaluating the performance of a student in all modules offered by the Department and for issuing the respective grade. The performance of a student in each module is evaluated based on different component as may be relevant for the subject. Grades and Grade Points shall be assigned for each module according to the following table.

Marks (%) (out of 100)	Grade	Points
>85	A+	4.0
80 - 84	A	4.0
75 - 79	A-	3.7
70 - 74	B+	3.3
65 - 69	B	3.0
60 - 64	B-	2.7
55 - 59	C+	2.3
50 - 54	C	2.0
45 - 49	C-	1.7
40 - 44	D	1.3
40>	F	0

For passing a course, the student should obtain a minimum of C grade. Overall Grade Point Average (GPA) is calculated using the formula;

$$GPA = \frac{\sum C_i G_i}{\sum C_i}$$

Where;

C_i is the number of credits for the i^{th} course

G_i is the grade point obtain for the i^{th} course

Candidates should maintain an overall minimum GPA of 2.5 throughout the course. Candidates who obtained a lower grade than D for a particular module should repeat the course at the next immediate opportunity and in such a situation, he/she shall not be given a grade above B, even if the student obtains more than 69 marks. However, if a student has obtained a C or D grade for a course he/she has the option either to repeat the course or to keep the grade as it is, provided he/she can maintain the overall minimum GPA requirement. Normally only one re-examination shall be allowed.

A student who has missed an examination because of illness or other compelling reason may appeal with supporting documents to the Dean for an Academic Concession within two weeks from the date of the examination. An Academic Concession, which enables the student to repeat the module or attempt the supplementary evaluation, if applicable, as the first attempt, shall require the approval of the Faculty Board.