

## **Master of Science in Bioscience for Sustainable Agriculture (International Program)**

### **Academic Institution:**

Faculty of Animal Sciences and Agricultural Technology, Silpakorn University

### **Duration:**

The study duration of the Master of Science program in Bioscience for Sustainable Agriculture is 2 years or 4 semesters.

### **Eligible Countries:**

Afghanistan, Bangladesh, Cape Verde, Comoros, Eritrea, Fiji, Ghana, Indonesia, Iran, Jordan, Lesotho, Malaysia, Maldives, Mauritania, Nepal, Nigeria, Pakistan, Papua New Guinea, Philippines, Republic of Seychelles, Rwanda, Senegal, Solomon Island, South Sudan, Sudan, Sri Lanka, Timor-Leste, Togo and Vanuatu.

### **Objectives:**

The objective of the curriculum of the master degree program in Bioscience for Sustainable Agriculture is to develop the graduate with the following qualifications

1. The ability to comprehend both philosophy of sustainability and concept of sustainable agriculture.
2. The ability to analyze and identify both problems and strength of the mainstream agricultural development and propose measures to solve them.
3. The ability to transfer appropriate research outcome to other stakeholders working in sustainable agriculture.
4. The ability to recognize differences and work with others while maintaining leadership.
5. The ability to be responsible to oneself and to the society with integrity and Professional morals.

### **Course Synopsis & Methodology:**

The Master of Science Program in Bioscience in Sustainable Agriculture (International Program) requires the candidate to take courses no less than 24 credits plus the research which is equivalent to 12 credits. The degree shall be awarded when the students fulfill one publication in the international refereed journals.

### **Course Content/ Study Topic:**

The first year		
First Semester		
715501	Cell Science and Molecular Biology	3(3-0-6)
715502	Sustainable Agriculture and Marketing	3(2-0-6)
715503	Research Methodology and Statistical Techniques	3(3-0-6)
715504	Seminar 1	1(1-0-2)
	Total	10 credits

Second Semester		
715505	Seminar 2	1(1-0-2)
715xxx	Elective Course	3(x-x-x)
715xxx	Elective Course	3(x-x-x)
	Total	7 credits
The second year		
First Semester		
715506	Seminar 3	1(1-0-2)
715xxx	Elective Course	3(x-x-x)
715599	Thesis	6 credit
	Total	10 credits
Second Semester		
715xxx	Elective Course	3(x-x-x)
715599	Thesis	6 credit
	Total	9 credits

### Qualifications:

The applicants must held a bachelor's degree or equivalent in Agriculture, Science or a related field, or another degree by the consent of the Curriculum Administration Committee, Faculty of Animal Sciences and Agricultural Technology, Silpakorn University

### Document Required:

1. Certified copy of transcript of record
2. Certified copy of degree certified
3. Copy of TOEFL, IELTS, TOEIC or equivalent test result
4. Two letters of recommendations from the faculty members of the home institutes
5. Letter of permission from the Dean/Director/Rector/Vice Chancellor/President of the home institutes in case the candidate has been working as the staff member in the organizations

### Number of Participant: 3

### Eligible Countries:

Afghanistan, Bangladesh, Cape Verde, Comoros, Eritrea, Fiji, Ghana, Indonesia, Iran, Jordan, Lesotho, Malaysia, Maldives, Mauritania, Nepal, Nigeria, Pakistan, Papua New Guinea, Philippines, Republic of Seychelles, Rwanda, Senegal, Solomon Island, South Sudan, Sudan, Sri Lanka, Timor-Leste, Togo and Vanuatu.

### Closing Date for Nominations:

March 2016

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