

MASTER OF SCIENCE PROGRAM IN ECOLOGY

Academic Institution: Prince of Songkla University, Hat Yai, Thailand

Duration:

Two (2) years (start in June 2013)

Eligible Countries:

Afghanistan, Bangladesh, Djibouti, El Salvador, Eritrea, Fiji, Gambia, Guinea, Indonesia, Iran, Jordan, Kenya, Lesotho, Malawi, Maldives, Marshalls Islands, Micronesia, Nepal, Pakistan, Papua New Guinea, Philippines, Samoa, Solomon Island, Sri Lanka, Sudan, Tanzania, Timor-Leste, Uganda and Vanuatu.

Objectives:

1. To produce a competent ecologist, who is knowledgeable in ecology and be able to apply their knowledge to tackle current issues such as climate change, global warming and others for a better quality of life.
2. To produce a competent ecologist, who has a very good research skill, which can lead to a new finding; and be able to analyze, synthesis and communicate well

Course Synopsis & Methodology:

This 2 years program in MSc. Ecology International has been started since 2001 and produced many established ecologists from various countries. The program would mainly allow students to focus and develop themselves through thesis (20 credits) as well as taking some classes (16 credits). During the first year, students will register Seminar I in Ecology (1 credit) during semester 1 and Seminar II in Ecology (1 credit) in semester 2. The seminar will help students to become more critical in reading, listening and thinking, which will help them develop their thinking ability/reasoning power not only in ecology but also in science and research. Students will develop their research proposal in the second semester (2 credits) as well as taking some classes of interests (total of 14 credits) from Department of Biology or others. The students will complete their course work in their first year and shall be able to focus and complete their research in the second year. After finishing, the students will be very skillful in their research and become a competent ecologist.

Teaching could be done through various activities: class attending, assignments, field excursions, seminar, and group discussions.

Course Content/Study Topics:

There are various courses cover wide ranges in ecology from molecular through ecosystem and there are wide range of organisms as a model organism to suit the students interest such as plankton, seaweed, seagrass, bryophytes, flowering plants, amphibian, mollusk, cephalopodan, reptile, bird, fish, bat and small mammals. Also, there are various habitats and ecosystems from freshwater, coastal, marine and terrestrials.

The program offers various courses in ecology as well as some statistical and experimental design as well as philosophy in science or scientific enquiries. There are over 40 courses alone that students can register within the department of biology and also from others if they are interested such as molecular biology or some other tools or research methods/techniques.

Some staffs from this program are also member of Excellence Centre in Biodiversity of Peninsular Thailand (CBiPT), where they tackle research on biodiversity and distribution of various organisms along the Peninsular Thailand, so students would be able to learn and gain experiences or even pursue their research using the geological benefits or facilities from CBiPT.

Qualifications:

- o Applicants should have completed their B.Sc. in Biology or related fields with the GPA of not less than 3.00
- o Applicants should have some research experiences in their field of interest or some publications
- o The English score, TOFEL not less than 550 or IELTS not less than 6

Document Required:

- B.Sc. Transcript
- English score certificate
- Research interest/proposal with a minimum of 500 words
- Publications (if any)

Closing Date for Nominations:

November 30, 2013

Late or incomplete applications/documents will not be considered.

* Applicants can enroll throughout the year but each year the first semester will start in June and the second semester will start in November.

Contact:

Dr. Anchana Prathep
 Ecology Programme Coordinator
 Department of Biology, Faculty of Science,
 Prince of Songkla University, HatYai,
 Songkhla, 90112, Thailand
 E-mail: anchana.p@psu.ac.th, a_prathep@hotmail.com