

Master of Science Program in Agricultural Biotechnology

Academic Institution:

Faculty of Agriculture, Naresuan University

Duration:

Two (2) years academic years

Objectives:

1. To offer master degree courses in Agricultural Biotechnology.
2. To increase human development in Agricultural Biotechnology.

Course Synopsis & Methodology:

This course is designed to provide advanced training in the use of recent technological developments in agricultural biotechnology. The major topics covered include crop breeding, bioinformatics, genetic engineering, plant cell and tissue culture, molecular mapping, high-throughput genetic analysis, bio-sensors, industrial fermentation, biofuel, and bioremediation. The course will train students with theoretical knowledge, communication, and management skills which in turn, allow them to become efficient researchers concerning over ethics of agricultural biotechnology.

Course Content And Study Topic:

The Master of Science Program in Agricultural Biotechnology has both credit and non-credit courses which focus on two approaches, the first is plant biotechnology, and the second is industrial biotechnology. Student have to undertake basic, applied and adaptive research to generate appropriate technologies to support sustainable agriculture or to address current and future challenges of farming community and to provide technology options relevant to the agro-climatic situations.

Qualifications:

Applicants to the program must be holding a bachelor's degree in agricultural science, biology, biochemistry, microbiology, genetics or related fields from an accredited college or university. Special consideration is given to applicants with work experience. The program admissions committee makes all admission recommendations on case-by-case basis.

Documents Required:

- Three (3) copies of the TICA Application Form, each affixed with photographs.
- Grade point average of 2.75 or higher
- Original undergraduate transcripts
- Two (2) letters of recommendation
- Personal statement include CV
- TOEFL (for student non-English speaking institutions)
 - Computer based: 213
 - Paper based: 550
 - iBT: 80 and IELTS: 6.5

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 Nomination:

March 2016

Contact:

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