

MASTER OF ENGINEERING PROGRAM IN ENVIRONMENTAL ENGINEERING

Academic Institution: Kasetsart University

Duration:

Two (2) years (academic year 2014 - 2015). Master course will start in June

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.

Objective:

1. To produce Master's degree level graduates with knowledge and ability in the field of Environmental Engineering.
2. To promote academic cooperation between the Department of Environmental Engineering, Kasetsart University and Institutions overseas with related interests.
3. To foster better international understanding among students and academics.

Course Synopsis & Methodology:

The Master of Environmental Engineering program is designed to tackle the ever increasing environmental problems caused by the continuing increase in population and the accompanying expansion of business and manufacturing sectors. Various measures have been erected to mitigate these problems; more investments in the construction and operation of water treatment plants, garbage disposal sites and disposal methods, stricter control and monitoring in the disposal of hazardous materials and closer monitoring of quality of air and water. The extent of the success of such measures depends significantly on the proficiency of the personnel involved. The Master of Environmental Engineering program offers courses on the various treatments of wastewater, air pollution control, solid waste management and on emerging pollutants, among others. Each subject is taught in a series of lectures 1 to 3 hours a week, for fifteen weeks. Some of these subjects include laboratory practices in the department's well equipped laboratory. Evaluations are made using written examinations, in the middle and at the end of the courses. Apart from the course work, the students shall, under the supervision of an appointed supervisor, conduct an independent research, the form of a thesis or an independent study. The defense of the student's research work take place at the end of his coursework and research work.

Course Content/ Study Topic:

Typically, the student will register for 24 credit-hours, about 12 subjects, of course work study and a 12 credit-hour thesis. The course work subjects offered includes: Chemistry in Environmental System, Advanced Water Supply Engineering Process, Advanced Wastewater Engineering Design, Advanced Air Pollution Control, Pollution Control Management, Global Environmental Control and Management, Environmental Quality Assessment, Membrane Technologies in Water and Wastewater Treatment, Advanced Wastewater Treatment Technologies, Noise Pollution and Vibration Management, Fate and Transport of Pollutants.

Qualifications:

Applicants must hold a bachelor degree in Environmental Engineering, Environmental Science or related field.

Documents Required:

- Three (3) copies of the TICA application form, affixed with photographs
- Two (2) references
- Transcript of the undergraduate study
- Testamur or other evidence of graduation from the bachelor degree level study
- Evidence of English proficiency, in the form of TOEFL (score of 500 or over) or the result of the English test conducted by the Ministry of Foreign Affairs
- A copy of passport

Closing Date For Nominations:

November 30, 2013

Late or incomplete application/ document will not be considerate

Contact:

Assoc.Prof.Patcharaporn Suwanvitaya (Chairman)

Tel. (+66) 2942 8555 ext. 1011

Email: fengpasu@ku.ac.th

Ms.Viriya Paksasuk (Administrator)

Tel. (+66) 2942 8555 ext. 1033

Email: fengvyp@ku.ac.th

Website: www.pirun.ku.ac.th/~fengsup
