




PARTNER INSTITUTIONS

ASIA-PACIFIC REGIONAL UNIVERSITY CONSORTIUM

Current Members of RUC

-  Asian Institute of Technology, Thailand
-  Griffith University, Australia
-  Nanyang Technological University, Singapore
-  Tongji University, China
-  University of New South Wales, Australia
-  University of Wollongong, Australia
-  Yale University, USA

Collaborating UN Agency

-  United Nations University - Institute of Advanced Studies

Other Partners

-  Venice International University, Italy
-  University of Paris-Dauphine, France



2008 ADMISSIONS

Applicants must submit the following:

- 1) A completed IESD Application Form (<http://unep-iesd.tongji.edu.cn/>)
- 2) A completed Application Form for International Students Wishing to study at Tongji University (<http://web.tongji.edu.cn/~istju/eng/shq.htm>)
- 3) A transcript of record of a minimum four-year duration Bachelor's (or equivalent) degree in Environmental Science, Engineering, Design/Planning or in other relevant disciplines;
- 4) An internationally recognized, standardized test score (550 and above for TOEFL, and 6 and above for IELTS);
- 5) Pass a national entrance examination for master's degree study (for Chinese students only);
- 6) A medical health certificate.

Complete applications should be received by May 31st . Upon receipt of complete applications, the applicant will be formally notified. Successful applicants will be informed by June 16th, 2008.

CONTACT INFORMATION

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WHAT IS THE MASTER'S PROGRAM

In order to strengthen scientific research and capacity building, the UNEP-Tongji Institute of Environment for Sustainable Development (IESD) was set up by the United Nations Environment Programme (UNEP) and Tongji University on May 9, 2002. One of the main objectives of IESD is to promote Education for Sustainable Development (ESD). With support from UNEP, Tongji University and the Ministry of Education of China, IESD launched the International Master's Program in Environmental Management and Sustainable Development in Sep 2006. The second masters had enrolled in Sep 2007.



AIMS AND SALIENT FEATURES

The Master's degree program intends to educate graduate students who wish to work for an environmentally friendly and accountable society. At its core is the analysis of the changes needed to achieve such a society. Focus is placed on how these changes can be steered locally and globally over both the short and the long term. A sound research methodology is encouraged for this process. The program is also based around the three pillars of sustainable development – human/social, environment, and economic dimensions. It offers courses on fundamentals of environmental science and technology, planning, management, and development as well. Students are expected to master various concepts and gain knowledge on economic development, social systems, environmental protection and resource conservation issues.

DURATION

The normal study period is 2 years (1 year of coursework and 1 year of research). The students can opt to spend at least a semester or term of study in a partner institution outside China. Students also have the option to carry out more coursework depending on their interests and intended careers. The appropriate mix of coursework and research will be determined and carefully designed under the guidance of the student's adviser and program committee.

PROFESSIONAL RECOGNITION

The degree will be conferred by Tongji University, awarded by the Ministry of Education of China, and with certification of UNEP upon successful completion of the program. At the end of the course of study and research, each candidate will present a thesis. The student will be assessed by his/her ability to synthesize and integrate environment and sustainability sciences into new paradigms or knowledge. Thesis work can be undertaken jointly between a Regional University Consortium (RUC) member and Tongji University.

CURRICULUM

The master's degree program consists of the following modules:

- Core courses
- Elective courses (optional)
- A research project leading to a thesis

The program provides flexibility for students entering from different undergraduate backgrounds. Students can choose from courses offered at Tongji University as well as from other consortium universities. Core courses must be taken by all students, whereas flexibility is enabled for elective courses.

TUITION AND SCHOLASHIP

Tuition for international students is RMB 39,000 per year. A very limited number of scholarships are available on a highly competitive basis. Applicants are thus advised to secure external sources of funding.

LANGUAGE

The program is delivered in English. It is also required that the thesis be written in English upon completion. An abstract of the thesis should be translated into Chinese.



BASE INSTITUTION

UNEP-Tongji Institute of Environment for Sustainable Development (IESD) is the product of cooperation between the United Nations Environment Programme and Tongji University, Shanghai, China. IESD seeks to integrate the multi-disciplinary methodologies of engineering, natural and social sciences, and to foster research and teaching in sustainable development, viewing the environment, economy and society in a holistic fashion.