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# **Brief Introduction of UN Environment-Tongji Institute of Environment for Sustainable Development**

UN Environment-Tongji Institute of Environment for Sustainable Development, hereinafter referred to as “IESD”, jointly established by UN Environment and Tongji University in 2002, has served as a strategic think-tank for UN Environment, an inter-disciplinary platform for Tongji University and contributed significantly to environment and sustainable development from three main pillars – education, research and outreach. IESD has the mandate to mainstream environment and sustainable development into higher education, to promote research, education and South-South Cooperation on the environment and sustainability, to enhance the service of science and technology to policy-making and implementation, and to provide tailored solutions to the Southern countries.

Up to date, IESD has provided environmental education for students from nearly 50 countries, and carried out capacity-building for more than 4000 participants from developing countries through training programs, seminars and forums. Meanwhile, in cooperation with UNEP, China’s ministries and diversified stakeholders, IESD undertakes research projects, including UN Environment-China-Africa Cooperation Program on Environment supported by Ministry of Science and Technology (MoST), Chongming Eco-Island Project, Green Economy Textbook, Multi-dimensional evaluation system on China’s low-carbon economy, South-South Cooperation Case Studies, etc. Till now, more than 100 patents have been applied in the environmental fields in China.

Furthermore, in collaboration with China Meteorological Administration (CMA) and Science and Technology Commission of Shanghai Municipality (STCSM), IESD has respectively established a Key Laboratory of Cities’ Mitigation and Adaptation to Climate Change (CMACCS) and a Key Laboratory of Chemicals Risk Management. Besides, IESD has been selected as the Secretariat for Global Universities Partnership on Environment and Sustainability (GUPES) with more than 560 members all over the world. Meanwhile, IESD and UN Environment have signed an MoU on the translation and publication of Chinese versions of UNEP important publications to mainstream the concept of environment and sustainability in China.

# Study Plan and Curriculum

## A. Study Plan

### 1) Study Plan for master degree candidates

Degree Courses (no less than 18 credits)	Public Degree Courses	Chinese		Class Hours	Credits
			Basic Chinese	108	3
			China survey	54	3
	Degree Courses For Major Use		Basic Major Courses, Major Courses: (5-6 courses) no less than 12 credits (including mathematics, mechanics, computer and the like).		
Non-major Courses (no less than 8 credits)	Arbitrarily selecting within own second-class subjects (including compulsory courses and optional courses). No less than 8 credits.				
Compulsory Chains	Academic lectures attendance 1 credit, (no less than 4 times).				
	Selection of the title of the dissertation 1 credit				

### 2) Study Plan for doctorate candidates

Degree Courses (no less than 8 credits)	Public Degree Courses		Class Hours	Credits
		First Foreign Language(Chinese)	72	2
		China survey	54	2
	Degree Courses For Major use	Basic Major Theoretical Courses and advanced courses		No less than 4
Non-major Courses (no less than 4 credits)		Second Foreign Language and Courses For Major Use		No less than 2
Compulsory Chains	Selection of the title of the dissertation 1 credit			
	Academic lectures attendance, 2 credits, (no less than 8 times).			
	Report of the thesis development 1 credit no less than 2 times			

3) Each course is assessed through an examination with the grade being expressed as a percentage. The pass mark being 60

4) If a master's candidate fails one course exam (or 2 courses) a makeup exam will be allowed. If the candidate passes the make-up exam, the credits will be acknowledged. If there are still more than one courses (including the first course) failed after the make-up exam or more than 3 degree courses (including 3) failed, no more make-up exam will be given and it will be considered as quitting the school. If one fails any optional course exam, the candidate can repeat the course once again, but no credits will be recorded.

5) If a doctorate candidate fails a degree course exam, no make-up exam will be allowed if no special reasons can be provided.

**B. Curriculum:**

Type	Code	Course name	Credit	Semester
Public Degree Course	2070100	Foreign Language (Chinese)	3	Spring/Autumn
	2900006	China Outlook	3	Spring/Autumn
Degree Course	2050136	Environmental System and Sustainable Development	2	Spring
	2050143	Environmental Science	2	Autumn
	2050147	Environmental Management and Policy	2	Autumn
	2050149	Atmospheric Science and Climate Change	2	Spring
	2050186	Integrated Solid Waste Management and Reuse	2	Spring
	2050188	Wastewater Treatment: Principles and Technology	2	Autumn
	2050189	Water Supply: Principles and Technology	2	Spring
	2050199	Ecological Economics	2	Spring
	2050200	Ecosystem Management	2	Autumn

Non-degree Course	2050141	Environmental Ethics	2	Autumn
	2050150	Environmental Informatics	2	Spring
	2050190	Water Resource Management	3	Autumn
	2050191	Aquatic Environmental Chemistry	2	Spring
	2050194	Environmental Molecular Microbiology	2	Spring
	2050196	Environmental Systems Analysis	2	Autumn

# Qualification and Application

## A. Qualification

- Above 18 years old, non-Chinese citizen in good health.
- Applicants for Master programs should have a Bachelor degree.
- Applicants for Doctoral programs should have a Master degree.

## B. Application period

Mid-January 2018 – 30<sup>th</sup> May 2018

The programme would start from September 2018.

## C. Application Materials (HARD COPY SHOULD BE SENT/MAILED TO IESD OFFICE)

1. Application Form via <http://study-info.tongji.edu.cn> with the applicant's signature.

2. A photocopy of passport (pages with photo).

3. A photocopy of the degree certificate. If the certificate is not in Chinese or English, the original notarized translated versions must be submitted.

\* The certificate should be notarized by local Chinese Embassy or local Chinese Consulates (or foreign embassies or consulates in China).

\*Certificate of expected graduation issued by education in current academic institution (for applicants who will be graduating in the same year only).

\*Degree certificate is required to be verified and notarized documents must be submitted at the registration.

4. Original or notarized academic transcripts (not a copy). If the academic transcripts are not in Chinese or English, the original notarized translated document must be submitted.

\* The transcript should be notarized by local Chinese Embassy or local Chinese Consulates (or foreign embassies or consulates in China).

5. Recommendation letters from two professors or associate professors, in Chinese or English (signature and contact information are necessary).

6. Personal statement. Study and work experience, academic research achievement, planned research proposal should be included and individual development objective after graduation.

7. Catalogue and abstract of published papers, and other documents that can prove academic ability.

8. Letter of Approval from the professor of Tongji University if the applicant contact and assign a professor. Here's the link about the faculty in College of Environmental Science and Engineering to find potential mentor, which would also increase the possibility of getting the scholarship.

Link: <http://sese.tongji.edu.cn/>

\* In addition to the above application materials, the university may require applicant to provide supplementary materials, depending on the circumstances. Application materials sent by email are unacceptable. The application fee is nonrefundable. Application documents will not be returned.

#### **D. Application Procedure**

1. Complete the Online Application procedure at the

website <http://study-info.tongji.edu.cn> and print the application form.

2. Pay the application fee by bank transfer and submit the photocopy of transfer voucher with other documents or pay it directly when submitting the documents at international student office.

3. The applicants can submit the documents in person (or entrust others to submit) or send the documents by post. Application documents should be received by the deadline, or it will be considered as a waiver of application.

\*The enrollment and admission mode of Tongji University is based on the assessment of the application materials and interview performance (depending on the circumstances), and no entrance examinations.

#### **E. Expenses**

Application fee: 410RMB

\*Application fee should be paid when applying and the fee is non-refundable.

Tuition: 39 000 RMB/Year

\*Tuition fee and Insurance fee (600RMB/Year) should be paid when making registration.

#### **Bank Account Information:**

Beneficiary Bank: Bank of China, Shanghai Branch

No. 23 Zhongshan Road (E.1) Shanghai, 200002, P.R.China

Swift number: BKCHCNBJ300

Beneficiary: TongJi University

Beneficiary Bank Account: 433859245525

## **F. Scholarships**

There're limited scholarships for excellent candidates whom has academic background or working experience in environment, science, engineering and other sustainability-related areas.

### **1. 2018 Chinese Government Scholarship**

Application Period: Mid-January 2018 - 15th March 2018

<http://study.tongji.edu.cn/index.php?classid=6429>

### **2. 2018 Shanghai Municipal Government Scholarship**

3. Application Period: Mid-January 2018 - 15th March 2018

<http://study.tongji.edu.cn/index.php?classid=6431>

### **4. 2018 MOFCOM Scholarship**

Application Period: February 2018- June 2018

Please refer to the local Chinese Embassy to get more information.

## **Admission and Registration**

1. Please follow your application process in the Apply Online System. Once you have been successfully admitted to Tongji University, the admission status will change. The admission notice and visa documents (JW202 Form) will be sent off after two weeks of admission.

2. The admitted applicants should bring their Passport, Admission Notice, Visa Application Form (JW202) to the Embassy or Consulate of the People's Republic of China, and apply for a student visa. Students shall come to Tongji University for admission registration before the deadline indicated on the Admission Notice.

3. The first year for master-degree candidates and doctoral candidates is a trial year. Master-degree candidates and doctoral candidates are qualified to prepare a dissertation only after passing all the degree exams in the first academic year. Those who fail the degree exams will be considered as advanced-study students.



# **“Chinese Government Scholarship-Postgraduate Study Program” of Tongji University**

## **I. Admission Requirements**

- i. International students studying in China are not eligible, and
- ii. International students from joint-programs between China (Tongji University) and overseas organizations are not eligible, either.
- iii. Applicants must be non-Chinese nationals and in good health.
- iv. Applicants applying to study his/her native language or the language and literature of the third country such as English /French literature in China are not eligible.
- v. The applicants must fill out the forms offered and provide the following materials (in duplicate). Those who are available for online application shall fill in and submit the application form online first at the following website (<http://laihua.csc.edu.cn>) The system requires you to put an agency code ; **The Agency Code of TONGJI is 10247** and then submit the printed version and the supporting documents as required by TONGJI University.

## **II. Application Requirements**

### i. Master candidates

- a) Bachelor's degree, and under the age of 35;
- b) Bachelor's Diploma (notarized photocopy), documents in languages other than Chinese or English must be attached with notarized translations in Chinese or English;
- c) Original or notarized transcripts of all undergraduate courses, transcripts in languages other than Chinese or English must be attached with notarized translations in Chinese or English;
- d) A study or research plan (no less than 800 words) in Chinese or in English;
- e) 2 letters of recommendation by two professors;
- f) Photocopy of valid passport;
- g) The catalogs and abstracts of published academic papers;
- h) The Application Form for International Students wishing to Study at Tongji University (<http://study-info.tongji.edu.cn>);

i) 410rmb application fee.

### ii. Doctoral candidates:

- a) Master's degree and under the age of 40;
- b) Master's Diploma (notarized photocopy), documents in languages other than Chinese or English must be attached with notarized translations in Chinese or English;
- c) Original or notarized transcripts of all graduate courses, transcripts in languages other than Chinese or English must be attached with notarized translations in Chinese or English;
- d) A study or research plan (no less than 1000 words) in Chinese or in English;

- e) 2 letters of recommendation by two professors;
- f) Photocopy of valid passport;
- g) The catalogs and abstracts of published academic papers;
- h) 1-2 academic dissertations, articles or outlines of dissertation
- i) The Application Form for International Students wishing to Study at Tongji University (<http://study-info.tongji.edu.cn>);
- j) 410rmb application fee.

\* In addition to the above application materials, the university may require applicants to provide supplementary materials, depending on the circumstances. Application materials sent by email are unacceptable. Application documents will not be returned.

NOTES: The first academic year for both masters and doctoral candidates is a probation year. Candidates are qualified to prepare a dissertation only after passing all the degree exams in the first academic year and after passing the interim evaluation. Credits scored on probation will be included in the total credits. Those who fail the degree course exams will be considered as advanced scholars.

Remarks:

\* Applicants for architecture, urban planning, artistic design and industrial design are requested to submit one disk recording of their works (two sketches, two color paintings and two other works).

\* Application materials will not be returned regardless of the result of application. Documents such as original diplomas must be kept at their own hand.

\* If the courses for doctoral or master-degree candidates are conducted in Chinese language, they must provide HSK(Chinese language proficiency) certificate, at least Band III; Applicants without any Chinese language knowledge are compulsorily required to take it for 1 to 2 years; If the courses are conducted in English, the provision of HSK is not required.

### **III. The status of scholarship students during their stay in China**

- i. Waiver of fees on registration, tuition, laboratory experiment, internship and accommodations;
- ii. Criteria of living allowance (Master: 3000RMB/Mon; Doctor: 3500RMB/Mon, respectively)
- iii. Comprehensive medical Insurance and Benefit Plan for international students in China;

Note: For details, please consult Chinese Government Scholarship Council Webpage at [www.csc.edu.cn](http://www.csc.edu.cn).

#### **IV. Application Procedures:**

1. Relative information from the item of "Study in china / Chinese Government Scholarship" on the homepage of the China Scholarship Council ([www.csc.edu.cn](http://www.csc.edu.cn)),
2. Fill in and submit the application form online first at <http://laihua.csc.edu.cn> and then submit the printed version and the supporting documents required by TONGJI University. All application materials marked with "Applying for the Chinese Government scholarship" must be sent to the International Student Office of Tongji University before March. 15th, each year.
3. 410rmb application fee (the application fee is not refundable).

#### **Contact us:**

Address: International Student Office, Rm.705 Zonghe Building Tongji University No.1239,  
Siping Road, Shanghai, P. R. China.

Postcode: 200092

E-mail: [iso-zhaosheng@tongji.edu.cn](mailto:iso-zhaosheng@tongji.edu.cn)

Homepage: <http://study.tongji.edu.cn>

# Shanghai Municipal Government Scholarship

In order to Recruit more and higher level international students to study the distinguishing feature of majors, to undertake the Educational Strategy of Shanghai, to build an excellent educational environment and to make Shanghai a bigger center for international students nationwide, Shanghai government has set a special fund, i.e. "Shanghai government scholarship for international students," as an action plan, which is conducted to accelerate the development of education in Shanghai for international students.

The following detailed rules formulated in accordance with the implementation of "Shanghai Municipal Government Scholarship for International Students".

## I. Scholarship Content

- i. Category-A Scholarship: For excellent prospective students applying for master or doctoral degree programs;
  - a) Scholarship Standard: Waiver of fees of tuition, accommodation, serious disease and accidental Injury Insurance;
  - b) Monthly living allowance: Master-degree candidate: 3000RMB/M  
Doctoral candidate: 3500RMB/M
- ii. Category-B Scholarship: For excellent prospective students applying for master, or doctoral degree programs.
  - a) Scholarship Standard: Waiver of fees for tuition, serious disease and accidental Injury Insurance, expenses of basic study materials;

## II. Eligibility

### Category-A&B Scholarship

- a) Applicants must be non-Chinese nationals in good health.
- b) Education background and age limit:
  - Applicants for doctoral degree studies must have master's degree and be under the age of 40;
  - Applicants for master degree studies must have bachelor's degree and be under the age of 35;
  - Applicants for undergraduate studies must have completed senior high school and be under the age of 25.
- c) Outstanding in academic study and daily performance.
- d) Not been awarded any other Chinese government scholarships at the time of application.

### **III. Application Materials**

- i. Fill in and submit the application form online first at <http://study-info.tongji.edu.cn> and [www.study-shanghai.org](http://www.study-shanghai.org), and then submit the printed version with the following materials.
- ii. The Application Form (including application materials mentioned above) and registration fee (410RMB) must be arrived at the International Student Office of Tongji University before March 31st, each year.
- iii. Two copies of the Shanghai Government Foreign Student Scholarship Application Form.
- iv. Category-A&B Scholarship applicants should provide the following materials:
  - a) Original or notarized degree certificate. If the certificate is not in Chinese or English, the original notarized translated versions must be submitted.

\* The certificate should be notarized by local Chinese Embassy or local Chinese Consulates (or foreign embassies or consulates in China).

Certificate of expected graduation issued by education in current academic institution (for applicants who will be graduating in the same year only). Degree certificate is required to be verified and notarized documents must be submitted at the registration.

- b). Original or notarized academic transcripts. If the academic transcripts are not in Chinese or English, the original notarized translated document must be submitted.

\* The transcript should be notarized by local Chinese Embassy or local Chinese Consulates (or foreign embassies or consulates in China).

- c) Study plan in Chinese. Information such as basic personal information, education background, working experience, and interested research projects and research plan if were accepted as the doctoral student should be included. (Master: no less than 1000 words; Doctor: no less than 1500 words)

- d) Published paper title, abstract and other certificates and material that can attest to academic achievement and research ability.

- e) Applicants for Doctorate or Master Programs must provide two letters of recommendation in Chinese or English by professors or associate professors.

- f) Complete materials should be sent to International Students Office of Tongji University, and "Application for Shanghai Government Scholarship" should be written on the envelop.

### **IV. Application Evaluation**

- i. Category-A&B Scholarship:
  - a) Applicants should submit the complete application materials mentioned above to the TONG JI International Student Office before the deadline . The International Student Office will confirm the validity of the application material and assess the candidates' suitability, and then the qualified application package will be transferred to the related schools or colleges for further evaluation.

- b) The evaluation results will be reported back to the International Student Office on the fixed time.
- c) The Tongji International Student Office will confirm the final name list and post it on the International Student Office homepage during soon. One week later, A notice of receipt of Scholarship will be sent to the recipients.
- ii. Face to face interview may be requested if it is necessary.

#### **V. Others**

- i. The University will submit the evaluation results including the name list and copies of the application material to the Shanghai Education Committee in one month after the annual review.
- ii. Recipients of the scholarship should register at the university on time otherwise the scholarship will be withdrawn and the applicant will be considered to have automatically abandoned their studies.
- iii. Scholarship recipient of A or B should participate in the Scholarship Annual assessment. International Student Office will perform a comprehensive review of scholarship recipient' academic records, learning attitude, performance, rewards or punishment received. Students who fail to meet the requirements will have their scholarship status suspended or cancelled.

#### **VI. The final interpretation of this Detailed Rules for the Implementation is right of Tongji University International Student Scholarship Evaluation Committee.**

#### **VII. Contact Information**

Address: International Student Office, Rm.705 Zonghe Building Tongji University No.1239, Siping Road, Shanghai, P. R. China.Postcode: 200092

Email: [isotju@tongji.edu.cn](mailto:isotju@tongji.edu.cn)

# MOFCOM Scholarship

MOFCOM Scholarship is set up by Ministry of Commerce of People's Republic of China to further strengthen the communication and cooperation between China and other countries as well as to develop talents for developing countries. Starting from 2015, MOFCOM Scholarship mainly sponsors the young and the middle-aged talents from recipient countries to pursue their postgraduate degree education in China and entrusts China Scholarship Council to administer the Scholarship.

The International Master Programme in Environment Management and Sustainable Development is now open for application. This master programme is sponsored by the Ministry of Commerce of People's Republic of China, and coordinated by the UN Environment-Tongji Institute of Environment for Sustainable Development.

The programme provides assistance to governmental officials, research fellows, and senior managerial personnel on their master and doctor education in China, which are fully conducted in English. Admission requirements include a bachelor's degree, relevant working experiences, and decent physical conditions, essential for the high-compact curriculum needed for the degrees.

## **1、 Prospective Students**

Working staff in Ministry of Environment, the Ministry of Resources and other environmental related government department

## **2、 Program Objective**

To prepare policy makers and practitioners for developing countries

## **3、 Enrollment Plan**

Major: Environmental Management and Sustainable Development

Number: 30

Language: English

Field: Water resources, environment & disaster management

## **4、 Financial aid**

The Chinese Ministry of Commerce will provide "Chinese Government Scholarships" to admitted students from developing countries

## **5、 Application deadline:**

April 30, 2018