



Academic Education Programs Sponsored by Ministry of Commerce PRC

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**Suzhou University of Science and Technology**

## **2024 Master Program in Environmental Engineering Enrollment Information**

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**2024**

## 1. PROGRAM INTRODUCTION

### (1) Program Description

Degree Education Programs starting from 2008, sponsored by the Ministry of Commerce of People's Republic of China is designed to foster high-end business officials and managerial personnel for the recipient countries, offering one-year and two-year master programs as well as three-year doctoral programs for the purpose of educating high-end and inter-disciplinary talent



working in the applied fields of government, trade, foreign affairs, agriculture, technology, education, culture and health, building intellectual capacity and facilitating the economic and social development of the recipient countries. These programs provide 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.

This program is playing an increasingly important role in the economic and trade cooperation and development between student's country and China, and is highly valued by his/her government.



Entrusted and sponsored by the Ministry of Commerce, Suzhou University of Science and Technology has been hosting 73 short training courses and seminars, regarding environmental protection technology and management, for people from Asia, Africa, Europe, Latin America and Oceania since 1993. From September 2015, a two years International Master's Program in Environmental Engineering

has been started. 133 students graduated. and 85 students are engaging in thesis research or subjects study. The master's program passed the third party audit mainly regard to management and education. The officials and technicians related to fields of water, energy resources management and protection, environmental protection, disaster management and economic development in developing countries, may obtain not only the relative professional knowledge, but also to gain first-hand knowledge of how governments and markets operate under various changing conditions in the reform and opening-up process of China, in environmental protection. The aim of the program is to build up, through lectures, field trips and practices within two years, a good platform for the students to broaden their horizons, exchange ideas and acquire knowledge and strengthen economic ties and

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friendship between China and the recipient countries.

The recipient countries pay high attention on the programs, as their positive effects and good results brought by them in strengthening economic ties and friendship between China and the recipient countries.

### **Prospective Students:**

The prospective master's degree students in Environmental Engineering are rank of section chief or higher, senior manager of enterprise, scientific researcher or technician of college and institute in the fields of water, energy resources management and protection, environmental protection, disaster management and economic development, and other public sectors, who have demonstrated superior performance, both academically and in their work. By the time of matriculation, each must have obtained an undergraduate bachelor's degree in the case of our master program.

### **Program Objective:**

To prepare decision makers and practitioners in environmental protection, resources management and protection, disaster management, energy, economic development and other fields for developing countries.

### **Enrollment Plan:**

Field of enrollment: environmental management and ecological protection

Candidates: 25

Language in instruction: English

Duration: 2 academic years (less than 730 days)

### **Financial Aid/Scholarship Coverage**

1. Tuition waiver; Teaching material fee waiver; Research and survey fee waiver; Dissertation guidance fee waiver;
2. On-campus accommodation;
3. Stipend:3000RMB/person/month ; one relocation fee: 3000RMB/person;
4. Medical insurance;
5. 2 rounds international tickets during 2-year study period;
6. All students are required to participate in the annual assessment. Students who meet the standards will be eligible for full scholarship in the following year;
7. Other parts would be managed by the Chinese Ministry of Commerce or the university which won't transfer to the students;
8. The Chinese Ministry of Commerce would only offer the scholarship within the planed academic years. Those candidate who extend the graduation won't get the scholarship

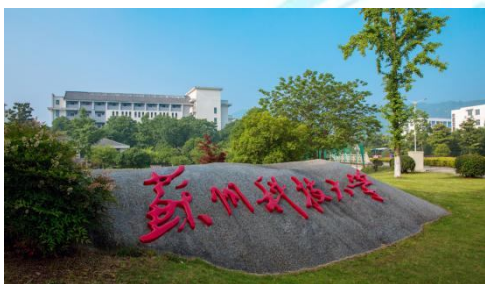


anymore.

## **(2) INTRODUCTION OF UNIVERSITY/SCHOOL**

### **Suzhou University of Science and Technology**

Suzhou University of Science and Technology (SUST) was established on September 1, 2001, with the approval of the National Ministry of Education and the Government of Jiangsu Province, through the merging of the former Suzhou Institute of Urban Construction and Environmental Protection and the former Suzhou Railway Teachers College. The newly established university is an engineering-centered multidisciplinary institution of higher education, covering such fields as engineering, science, liberal arts, and management. Centering upon undergraduate programs, concurrently adult continuation education, the university takes an active part in developing postgraduate programs and undertakes the responsibility of fostering practical and creative talents.



### **School of Environmental Science and Engineering**

School of Environmental Science and Engineering which is responsible for organizing international training courses and Master's Program, owns seven modern teaching researching laboratories. There are two provincial key laboratories of Environmental Science and Engineering lab, and Environmental Engineering Technology lab, etc. In addition it has a library with online connections



to a worldwide network of libraries, and a reading room containing many international journals and magazines. Multi-function lecture theaters and a fully equipped auditorium that seats 200 people. Extensive ICT facilities, including a studio with video conferencing facilities. Innovative learning tools, including smart boards, Wi-Fi and remote access to all digital resources. The school provides 4 undergraduate programs and postgraduate programs. There are 2000 regular undergraduate students and over 240 postgraduate students studying at school. There are 122 staffs, 113 of which are teaching staff, 27 professors, 43 associate professors, 82 PhD. More than 30 have the overseas study, teaching and research experience. 2 of which are National Distinguish Youth, 2 are honored STATE SPECIAL STIPEND. A lot of them are honored various levels of glory awards.



**Local Climate and Accommodation**



Suzhou University of Science and Technology is located in New District of Suzhou. It is a famous historical and cultural city in China. Shanghai, the largest city in China, lies at its east. It has distinguished four seasons, where the average temperature in January is 2-3°C and 27-28 °C in July with mild rain often.

The university provides single room with air conditioning, bathroom and free Wi-Fi for the international master’s students of this scholarship. There is a common kitchen at each floor. The dormitory is equipped with full-time administrator who is fluent in English, and the first floor is equipped with public laundry room, multi-functional classroom and lounge.

**(3) EDUCATION PLAN**

2024 Master in Environmental Engineering degree program is a two-year full-time program. Students enrolled in this program are expected to complete the course work, conduct research, and write a thesis within two years (730 days).

Language of instruction: the language of instruction of the program is English.

**Program Structure:**

The program comprises of

- Taught Component (compulsory, optional and practice parts)
- Thesis Component (20,000 words)

**Course Setting Table**

| Category      | Course No.                  | Courses Name    | Lecturer                                       | Credit hours                      | Credit   | Semester |   |   | Assessment | Remarks |  |
|---------------|-----------------------------|-----------------|--|-----------------------------------|----------|----------|---|---|------------|---------|--|
|               |                             |                 |  |                                   |          | 1        | 2 | 3 |            |         |  |
| Degree course | General courses             | 1001            | Chinese Language (I)                           | Wu Huifang                        | 32       | 2        | √ |   |            | Test    | General course<br>(8 credit points)                |
|               |                             | 1002            | Chinese Language (II)                          | Wu Huifang                        | 32       | 2        |   | √ |            | Test    |  |
|               |                             | 1003            | Introduction to China                          | Cheng Yuanyuan                    | 32       | 2        | √ |   |            | Test    |  |
|               |                             | 1004            | Probability Theory and Mathematical Statistics | Dong Yinghui                      | 32       | 2        |   | √ |            | Test    |  |
|               | Basic course of discipline  | 2001            | Advanced environmental chemistry               | Shen Shusu                        | 32       | 2        | √ |   |            | Test    | Discipline foundation courses<br>(4 credit points) |
|               |                             | 2002            | Advanced Environmental microbiology            | Liu Hong                          | 32       | 2        | √ |   |            | Test    |  |
|               | Technical foundation course | 2003            | Principle of environmental science             | Zhang Yuan                        | 32       | 2        | √ |   |            | Test    | Technical foundation courses<br>(6 credit points)  |
|               |                             | 2004            | Environmental engineering                      | Li Dapeng                         | 32       | 2        |   | √ |            | Test    |  |
|               |                             | 2005            | Environmental planning and management          | Liang Yuan                        | 32       | 2        | √ |   |            | Test    |  |
|               | Non-Degree courses          | Optional course | 3001   | Advanced environmental monitoring | Wu Youyi | 32       | 2 |   | √          |         | Test   |
| 3002          |                             |                 | Ecological engineering of Environment          | Jiang Jing/Che                    | 32       | 2        |   | √ |            | Test    |  |

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|  |  |      |  |                                     |    |   |   |  |      |                  |
|--|--|------|--|-------------------------------------|----|---|---|--|------|------------------|
|  |  |      |  | ng<br>Yuanyua<br>n                  |    |   |   |  |      | be<br>completed) |
|  |  | 3003 | Environmental impact<br>assessment   | Wei<br>Baoren                       | 32 | 2 | √ |  | Test |                  |
|  |  | 3004 | Environmental risk<br>assessment and<br>management                         | Yang Jie                            | 32 | 2 | √ |  | Test |                  |
|  |  | 3005 | New Biological Waste<br>water Treatment<br>Technology                      | Wang<br>Jianfang/<br>Qian<br>Feiyue | 32 | 2 | √ |  | Test |                  |
|  |  | 3006 | Environmental Remediation<br>Technology for Surface<br>Water               | Li<br>Dapeng                        | 32 | 2 | √ |  | Test |                  |
|  |  | 3007 | Advanced<br>Physico-chemical<br>Treatment Technology of<br>Wastewater      | Liu<br>Hong/Zh<br>ang<br>Ganwei     | 32 | 2 | √ |  | Test |                  |
|  |  | 3008 | Recycling Technology for<br>Solid wastes                                   | Tian<br>Yongjing                    | 32 | 2 | √ |  | Test |                  |
|  |  | 3009 | Protection and Utilization<br>of drinking water sources                    | Li<br>Xueyan                        | 32 | 2 | √ |  | Test |                  |
|  |  | 3010 | Water Supply and<br>Waste-water Treatment<br>Technology and<br>Application | Huang<br>Tianyin                    | 32 | 2 | √ |  | Test |                  |
|  |  | 3011 | Safeguarding Technology<br>for Drinking Water Supply                       | Qian<br>Feiyue                      | 32 | 2 | √ |  | Test |                  |



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|                    |      |      |  |         |        |   |          |   |   |      |        |            |
|--------------------|------|------|--|---------|--------|---|----------|---|---|------|--------|------------|
|                    |      | 3012 | Carbon Peaking and carbon neutrality strategies and technologies | Yuan Yi | 32     | 2 |          | √ |   | Test |        |            |
| Compulsory Modules | 4001 |      | Practical activity   |         | 1 week | 4 | Semester |   |   |      | Report | Compulsory |
|                    |      |      |  |         |        |   | 1        | 2 | 3 | 4    |        |            |
|                    |      |      |  |         |        |   | √        | √ | √ | √    |        |            |

**Teaching mode**

It is the combination of classroom instruction, seminar, lab experiments, field trips and thesis. School of Environmental Science and Engineering boasts of first-class faculty composed of distinguished scholars and accomplished practitioners, who have been actively engaged in study of China’s environmental protection practices and policy issues, and widely acknowledged as experts in their own field.

Field trips will be arranged for students to visit government agencies, special economic zones, business corporations and environmental protection facilities etc., to gain first-hand knowledge of how governments and markets operate under various changing conditions in the reform and opening-up process of China, in environmental protection. Students have to submit a report after each field trip.

**Term arrangement**

There are two semesters, spring and autumn, in one academic year. In general, the spring term will start from Feb. 20th to Jul. 10th, while the autumn term will start from Sept. 1st to Jan. 20th . Jul. 11th to Aug. 31 and Jan. 21st to Feb. 19th are summer and winter vacation, respectively. It carries out according to the university calender in practice.

**Thesis for graduate**

Students are expected to bring specific research questions concerning environmental science and engineering to the program, as a part of thesis research preparation. With the guidance of a supervisor, a student is expected to carry out independent research that combine theoretical perspectives, analytic skills and practical experiences of environmental science and engineering, and aiming at solving practical problems.

A student shall choose a professor as his/her supervisor by the end of the first semester, and joins in the professor’s research team to study and practice. At the end of second semester, he/she should determine his/her research topic with the guidance and discuss with supervisor. In the third and fourth semester, he/she have to collect data, conduct research, and write the dissertation. During the course of research and writing, students are expected to interact regularly with their academic supervisors. In the fourth semester,



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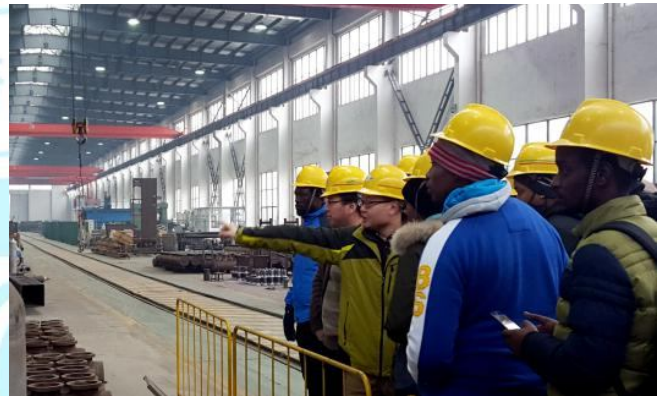
they shall finalize and defend their dissertations.

Thesis or dissertation shall be written in English with 20,000 words.

Students must pass the oral defense for their thesis.

### **Degrees Award**

A master degree of Environmental Science and Engineering will be conferred upon a candidate in the master program after his/her successful completion of required credits and thesis.



## **2. APPLICATION**

### **(1) REQUIREMENT**

All applicants must meet the following admission requirements:

1) Applicants must be non-Chinese citizens from developing countries, with a valid passport, or any other identification certificate sufficient to verify his/her nationality; All applicants should be younger than 45 years old. (born after 1st September, 1979)

2) All applicants should be in good health with health certificate issued by the local public hospitals; without diseases with which entry to China is

disallowed by China's laws and regulations; without severe chronic diseases such as serious high blood pressure, cardiovascular/cerebrovascular diseases and diabetes; without mental diseases or epidemic diseases that are likely to cause serious threat to public health; not in the process of recovering after a major operation or in the process of acute diseases; not seriously disabled or pregnant. If students get pregnant during studying period in China, she will be expelled from school.

3) Applicants for the master program must have attained a Bachelor degree and with at least 2 years working experience are preferred.

4) Applicants with professional study or work background which is related to the program are preferred

5) Applicants who work in government organizations, related companies, universities, Scientific research institutions are preferred.

6) Applicants must be proficient in English; Applicants who are not native English speakers or whose undergraduate education was not conducted in English shall provide the certificate of English language proficiency.

7) Applicants should have the potential of career development in this field and intend to promote the friendly exchanges and cooperation between the host country and China.

8) Applicants must be recommended by the Economic and Commercial Counselor Office of Chinese Embassy in the country that accords with the candidate's nationality.

## **(2) SUBMISSION**

### **Materials**

Before submitting the application, you have to prepare the materials listed in table 1.

a) Submit all hard copy and e-copy to the Economic and Commercial Counselor's Office of Chinese Embassy. Hard copy must include both original copy and photocopy. For email and addresses of the Economic and Commercial Counselor's Offices, please visit <http://www.china-aibo.cn>.

b) Submit a written application to the Economic and Commercial Counselor's Office of Chinese Embassy for an official recommendation letter and clearly state:

Whether the applicant is willing to be considered for a similar program at other universities if the positions of program at USTS are already full.

Other special requests if any.

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### Reminders:

- a) All the documents to be submitted should be in Chinese or English. Otherwise, a notarized copy in Chinese or English is required.
- b) An original copy of degrees, transcripts and other documents must be presented for on-site verification.
- c) Applicants will get back all the hard-copy materials, both original copies and photocopies from the Economic and Commercial Counselor's Office. If admitted, you must take the documents to China and submit them to the School of Environmental Science and Engineering during registration in September. In this case, the original copy must be presented for on-site verification.

**Table 1: the application supporting material**

| Documents |   | Requirements   | Photocopy |
|-----------|---|--|-----------|
| 1         | Recommendation letter by employee   | Introduce the applicant's profile and is willing to recommend him/her to study in China  | 1         |
| 2         | Recommendation letter by associate professor or above                     | Introduce the applicant's academic background, direction of major, the performance and research ability  | 1         |
| 3         | Certificate and degree  | Copy of certificate and bachelor degree  | 1         |
| 4         | Transcripts   | Transcripts of undergraduate study   | 1         |
| 5         | CV  | In English.  | 1         |
| 6         | Personal statement  | Your plan and objective in your master study in China  | 1         |
| 7         | Photocopy of valid passport   | The passport type must be ordinary.<br>Important: All successful candidates should enter in China and register with SUST with the same identity they used while applying for the masters' program at SUST. <b>The passport must be valid beyond July 31, 2026</b>  | 1         |
| 8         | English Language Proficiency Test Results                                 | Applicants who are not native English speakers or whose undergraduate education was not conducted in English shall provide the certificate of English language proficiency.  | 1         |
| 9         | Health certificate issued in a latest month by the local public hospitals | without diseases with which entry to China is disallowed by China's laws and regulations; without severe chronic diseases such as serious high blood pressure, cardiovascular/cerebrovascular diseases and diabetes; without metal diseases or epidemic diseases that are likely to cause serious threat to public health; not in the process of recovering after a major operation or in the process of acute diseases; not seriously disabled or pregnant. | 1         |
| 10        | ID photo  | Passport-size with white background  | 1         |

**(3) DEADLINE**

The application deadline for the program is June 7th, 2024

**3. OTHER INSTRUCTIONS**

**(1) CONTACT INFORMATION**

Contact person of University: Likki Zhu

School of Environmental Science and Engineering  
Suzhou University of Science and Technology

Telephone: (86512)68247000

E-mail: [esestudy@usts.edu.cn](mailto:esestudy@usts.edu.cn)

University Website: <http://www.usts.edu.cn/>

Mail address: Suzhou University of Science and Technology

No.99 Xuefu Road

Huqiu District, Suzhou, China

Post code 215009

**(2) OTHER REMARKS**

1) None of the materials submitted to the School of Environmental Science and Engineering will not be returned whether or not the application result is.

2) The Chinese Government will not explain whether or not the applicant is admitted.

3) Spouse or children are not allowed to accompany studying in china. We will not provide any expense of visiting China for applicant's spouse or children.

4) All the commission of coming China and requirements will explain in admission notice.