

YES-CHINA

**Master's Program of One-Belt-One-Road Sustainable Infrastructure  
Engineering (MOSI) of Southeast University (SEU)**

**Brief Introduction**

Established by Ministry of Education (MOE) of China in 2014, the Project of Youth of Excellence Scheme of China is a significant measure to enhance the education of high-level talents and to strengthen the training of outstanding youth in the developing countries neighboring China. In January of 2016, Southeast University (SEU) was approved to join this project with the Master's Program of One-Belt-One-Road Sustainable Infrastructure Engineering (MOSI).

SEU, a national key university administered directly under the Central Government and the Ministry of Education of China, is one of the eight prestigious universities with the faculty of architecture. It is also one of the universities of Project 211 and Program 985. SEU was selected as one of A-class 'Double First-classes Initiative' Universities in 2017. There are 11 disciplines of SEU selected into the 'Double First-classes Initiative', including civil engineering, architecture, transportation and other disciplines related to infrastructure construction. There are also 11 disciplines among ESI world top 1%, with computer science and engineering among the top 1%, ranking 22<sup>nd</sup> and 25<sup>th</sup> respectively.

In the year of 2019, nearly 2000 international students are studying at SEU. Among them over 1400 are degree students with over 700 are masters and Ph.D students.

English-taught MOSI is designed for senior civil servants of countries along "One Belt One Road", especially the senior officials in Ministry of Communications, Construction and Business, senior managers of related organizations and enterprises, and experts and scholars of universities and scientific research institutions. The program aims to train regional construction policy makers and executors with global strategy and the idea of sustainable development, as well as cultivate senior managers and high-tech talents of modern infrastructure construction.

In order to realize the educational objectives of the program, besides our outstanding faculties of School of Civil Engineering, Architecture, Transportation and Economics & Management, SEU will also invite experts and scholars from Cambridge University, Monash University, Carnegie Mellon University, China Overseas Holdings Limited,

China Railway Construction Corporation Limited, China Jiangsu International Economic and Technical Cooperation Group to give lectures.

Supported by the faculty from our leading disciplines of Civil Engineering, Architecture, Transportation and Economics & Management which rank first in discipline evaluating by MOE, our MOSI program consists of courses, study tours and lectures. Students will visit well-known consulting agencies, government offices in charge of construction, and those construction sites where large enterprise groups carry out their projects. **Students will listen to lectures given by directors from government and consulting agencies, experts from home and abroad. Those lectures involve advanced ideas about the future orientation in the fields of infrastructures construction. In the program students will also participate in various kinds of academic exchanges.**

This program covers the modules of courses, lectures, study tours, internships, etc. After obtaining all the regulated credits and finishing the master's dissertation, the student will be awarded Master Degree of Engineering (in the field of Architecture and Civil Engineering).

### **1. Program Duration**

The total program duration is 2-year. It's a 1+1 master's program, with the first year of full-time study and research, dissertation preparation in SEU and the second year of dissertation writing in the home country based on the work experience. After the dissertation is finished, students need to come back to SEU for dissertation defense. Only those who are qualified will be awarded Master Degree in Engineering (in the field of Architecture and Civil Engineering).

### **2. Admission Size, Important Dates and Teaching Language**

- It's a master's program with no more than 30 students;
- It's a 1+1 master's program. Students take part in full-time learning from Sep. 2020 to Jul. 2021, and complete the dissertation writing based on one's work experience in the home country and fulfill the dissertation defense at SEU from Jul. 2021 to Jun.2022
- Teaching Language: English

### **3. Scholarship**

- Waiver of the fees of register, tuition, teaching materials, tour study and social investigation;
- Free university dormitory; students who live out of campus will be funded r

monthly in the first year for accommodations;

- Living stipend;
- Cost of one-time settlement;
- Insurance
- Financing round-trip tickets for twice. (the most economic seat in the most economic airlines)

#### **4. Application Qualification**

The applicant should be a senior civil servant, a senior manager of related organizations or enterprises, or a scholar of universities or scientific research institutions in the countries along “One Belt One Road”.

The applicant should meet all the following requirement:

- Non-Chinese, under 45 years old (Born after Sep.1st 1975)
- Bachelor degree holder;
- At least three years’ work experience in the related fields;
- Capable of applying English for professional courses;

#### **5. Required Application Document**

- Copy of passport;
- Physical Examination Report;
- Degree certificate;
- Transcript;
- Two recommendation letters;
- Official document to prove the current job position;
- Research plan;
- English proficiency certificate
- Application Form for SEU International Students (<http://fs.seu.edu.cn/>)
- Scholarship Application Form (<http://studyinchina.csc.edu.cn/#/register> , program category is Type B and Agency No. is 10286)
- Resume
- Address Form

**Note: All application materials will not be returned.**

#### **6. Application Procedure and Deadlines**

- The applicant should submit the application to Chinese Embassy in his/her home country or to College of International Students, SEU before April 5, 2020.
- The scanned copy of all required document should be mailed to [daiyanyan@seu.edu.cn](mailto:daiyanyan@seu.edu.cn).

**Contact:**

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Website: www.seu.edu.cn or http://cis.seu.edu.cn.

## 7. Courses and Credits

The program consists of the Compulsory Courses Module, Selective Courses Module, and Comprehensive Module. The professors of SEU and the scholars and experts of her partners will be responsible for different modules. Targeted to improve the students' ability to solve real problems, the program is designed with a focus on the combination of theories and practices.

The minimum credits requirement for graduation is 26 academic credits, including 16 credits for Compulsory Courses. The main modules of the MOSI program are followed:

### (1) Compulsory Courses (16 credits)

- General Introduction of China 2
- Chinese 4
- Engineering ethics 1
- Thesis Writing 1
- Engineering Economics 3
- Sustainable Urban Drainage System 2
- Sustainable Urban Transportation System 3

### (2) Selective Courses (at least 6 credits)

- Academic Ethics 1
- Innovation and entrepreneurship 1
- Marine geotechnical engineering 2
- Elastic 3
- Research Methodology of Engineering management discipline 2
- Green Building 3
- Applied computational mechanics 3
- Water Sensitive Urban Design 3
- Introduction to Bridge engineering 1

### (3) Comprehensive Module (8credits)

- professional practice 6

- Lectures of humanities and sciences 1
- Academic seminars 1