

# Scholarships

## Types of Scholarships

Type	Duration	Support (RMB)	Coverage (RMB)	Sponsor
A: CSC	2-3 Years	80,100/Year	Monthly stipend (3,000/Month) Tuition (28,900/Year) Health insurance Accommodation allowance (1,200/Month)	CSC
B	2-3 Years	64,500/Year	Monthly stipend (1,700/Month) Tuition (28,900/Year) Health insurance Accommodation allowance (1,200/Month)	SJTU
C	2-3 Years	44,100/Year	Tuition (28,900/Year) Health insurance Accommodation allowance (1,200/Month)	SJTU
D	2-3 Years	29,700/Year	Tuition (28,900/Year) Health insurance	SJTU

Note: In general, the support duration cannot be extended. All scholarship recipients are obliged to attend the annual comprehensive scholarship assessment during April and May of each year to confirm their qualification of the scholarship for the next year. Excellent graduate students can also get certain financial support by applying for proper TA or RA positions on campus. For information about accommodation allowance, please check Study@SJTU (<http://apply.sjtu.edu.cn/>).

## How to Apply

- ▶ For Type A (Chinese Government Scholarship), applications must be made at both China Scholarship Council (CSC) (<http://laihua.csc.edu.cn>) and Study@SJTU (<http://apply.sjtu.edu.cn/>). Applicants are also encouraged to apply to China Scholarship Council through the Chinese Embassies or relevant organizations in their home country between November and April (varies from country to country).
- ▶ For Type B, C, or D, applications must be made through Study@SJTU (<http://apply.sjtu.edu.cn/>).



## Contact us

For more information about our Master programmes, please contact:  
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# MEng in LOW CARBON ENERGY

# MEng in LOW CARBON ENVIRONMENT

Create a sustainable future with the LCC.

China-UK Low Carbon College  
Shanghai Jiao Tong University

## Facts & Figures

### 2018 Rankings

QS World University Rankings 62  
 US News & World Report 156  
 Times Higher Education (THE) 188

### Students

International degree students 2,401  
 Undergraduate students 16,195  
 Graduate students 21,093

### Faculty

Academicians 48  
 Chair Professors 148  
 Fellows 160  
 International Faculties 222  
 Professors 891  
 Full-time Faculties 2,835

## Shanghai Jiao Tong University

Founded in 1896, Shanghai Jiao Tong University (SJTU) is the second oldest university in China and is one of the most prestigious universities in China. SJTU is very strong in engineering, which listed top 0.01% in ESI ranking. With a full range of academic disciplines in power & energy engineering, environmental science and engineering, finance and management related to low-carbon technology, SJTU has a solid foundation and extraordinary advantages in establishing the China-UK Low Carbon College.

## Prominent Alumni



Jiang Ze Min  
Former President of China



Tsien Hsue-shen  
Founding father of China's space programme



Wu Wenjun  
Mathematician



Xu Guangxian  
Chemist



Wang Zhenyi  
Haematologist



Yao Ming  
Professional basketball player

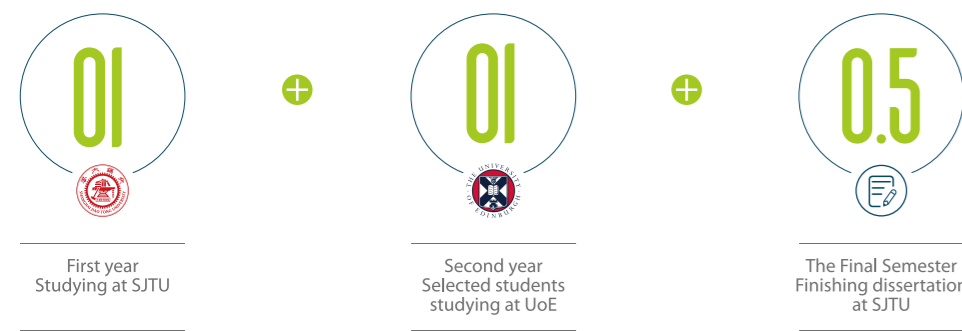
## China-UK Low Carbon College

The China-UK Low Carbon College (LCC) is the first college in China which pioneers in low-carbon research and education. Currently, LCC has two full-time Master Programmes in Low Carbon Environment and Low Carbon Energy. It has established partnerships with top universities including the University of Edinburgh (UoE) and University College London (UCL). Meanwhile, LCC is actively seeking collaboration opportunities with other world-class universities. It aims to establish a training base for interdisciplinary and practical talents in the field of low-carbon industry and carbon finance.

# Programme Overview

Climate change is a common challenge faced by all humanity. Demand has never been higher for sound evidence on public engagement with energy and environment issues, and public support for community and commercial investments in low carbon energy generation. The Master Programmes of LCC intend to create a community of diverse culture, and aim to train students to have a comprehensive understanding of the low carbon industry and a deep insight into a sustainable society. Our graduates go on to a wide range of activities in industry, government or the NGO sector.

The Low Carbon Environment & Low Carbon Energy programmes are dual degree programmes with the University of Edinburgh. These programmes are mostly conducted in English and normally take two and a half years to complete.



Students spend their first year studying at the LCC in Shanghai, and can apply to study at UoE for their second year, at the end of which (if successfully completed) they receive a degree from UoE. Students then return to LCC to complete their thesis, and receive a graduation diploma from Shanghai Jiao Tong University.



LCC adopts a double advisory system. Each student will have an academic advisor and an industrial advisor. Through the double advisory system, students will gain knowledge and practical skills, broaden their social network and enhance their employment competitiveness with the help of their industrial advisors.

# Curriculum

## MEng in Low Carbon Environment

- ▶ **Core Courses:**
  - Environmental Management
  - Environmental Law
  - Environmental Economics\*
  - Theories and Technology of Water Pollution Control
  - Theories and Technology of Air Pollution Control
  - Solid Waste Disposal and Recycling
  - Carbon Accounting\*
  - Carbon Economics\*
  - Business and Climate Change\*
  - Industrial Ecology
  - Carbon Resources Cycle\*

- ▶ **Selective Courses:**
  - Energy, Climate Change and Sustainable Development in China
  - Air Quality Modeling and Forecasting
  - Advanced Carbon Cycle Science and Technology
  - Urban Development & Management

## MEng in Low Carbon Energy

- ▶ **Core Courses:**
  - Advanced Engineering Thermodynamics
  - Advanced Heat Transfer
  - Advanced Fluid Dynamics in Engineering
  - Advanced Combustion Theory
  - New Energy Systems\*
  - Basic Principles of Sensors and Mechanical Measurement Systems
  - Carbon Accounting\*
  - Carbon Economics\*
  - Business and Climate Change\*
  - Clean Energy and Cascade Utilization
  - Analysis of Energy Utilization Systems

- ▶ **Selective Courses:**
  - Energy, Climate Change and Sustainable Development in China
  - Advanced Carbon Cycle Science and Technology
  - Environmental Economics
  - Building Energy Saving and Solar Energy Utilization
  - Combustion and Emission Control in Internal Combustion Engine

*Note: Courses marked with \* are featured courses offered by the LCC.*

# Partner University: University of Edinburgh

Founded in 1583, the University of Edinburgh is one of the oldest and top universities in the UK. It is now ranked 23rd in the world according to 2018 QS Rankings. Its global reputation is built on pioneering research and innovation, and world-class teaching. UoE has partnered with the China-UK Low Carbon College in the delivery of Master programmes. Students of the LCC can apply for the low-carbon related Master Programmes of UoE listed below for their second year.

## Master Programmes of UoE

- ▶ **Carbon Management**
  - Business and Climate Change
  - Low Carbon Applied Technology
  - Applications in Ecological Economics
  - Water Resource Management
  - Energy and Society
  - Marine Infrastructure and Environmental Change
  - Waste Reduction and Recycling
- ▶ **Carbon Finance**
  - Energy Finance
  - Behavioral Finance
  - Carbon Finance Research Method
  - Low Carbon Investment
  - Corporate Governance
  - Investment Management
  - Carbon Accounting
  - Carbon Market
  - Climate Change and Environmental Policy
- ▶ **GeoEnergy**
  - Carbon Capture and Transfer
  - Carbon Storage and Supervision
  - Carbohydrate Storage
  - Political Ecology
  - Carbon Capture and Separation
  - New Carbon Strategy for Soil Storage
  - Technology and Innovation Management
- ▶ **Sustainable Energy**
  - Sustainable Energy Technology
  - Energy and Environment Technology
  - Energy Transformation
  - Marine Energy
  - Solar and Photovoltaic Systems
  - Integrated Resource Management
  - Energy Policy
  - Sustainable Energy
  - Applied Ecologic Economics
- ▶ **Energy, Society and Sustainability**
  - Energy in the Global South
  - Energy Policy
  - Energy and Environmental Economics
  - Global Environmental Politics
  - Climate Change Management
  - Sustainable Energy
  - Global Environment: Key Issues

# Admission

## Eligibility

- > Non-Chinese citizen
- > A bachelor's or equivalent degree from an accredited college or university
- > Demonstrated proficiency in English

## How to Apply

**Step 1: Complete the Online Application**  
Complete and submit an online application at Study@SJTU (<http://apply.sjtu.edu.cn/>) by the application deadline.

**Step 2: Pay the Application Fee**  
The application fee is RMB 800 or USD 120, non-refundable and non-transferable. Payment must be made using RMB or USD. You can choose online payment or bank transfer in the online application system.

## List of Supporting Documents

- > Degree certificates
- > Official Transcripts
- > Personal statement
- > Resume
- > Two reference letters from previous professors
- > Language proficiency certificate and score report
  - Valid TOFEL (higher than 90), or academic IELTS (at least 6)
  - Native English speakers or applicants with a bachelor's degree acquired in English speaking countries can be waived from the language requirement.
  - Applicants with New HSK certificate will be appreciated
- > A scanned copy of your passport
- > Passport-size photo

*Note: If your documents are not in English or Chinese, please have them translated into either English or Chinese by an authorized translation agency. After this please upload both the translated and original documents onto our application system.*

## Key Dates

Dec 01, 2017: Start of Application  
March 31, 2018: Deadline for Scholarship Application  
May 31, 2018: Deadline for Master Programme Application  
Sep, 2018: Registration (Exact date TBD.)

## Tuition Fee

80,000 RMB for each full-time Master Programme