



上海交通大学
SHANGHAI JIAO TONG UNIVERSITY



中英国际低碳学院
China-UK Low Carbon College

2020 LCC International Graduate Programmes

China-UK Low Carbon College
Shanghai Jiao Tong University

Create a sustainable future with LCC.

Shanghai Jiao Tong University

Shanghai Jiao Tong University (SJTU) is a world-renowned higher education institution and one of the top universities in China.

It has established itself as a comprehensive, research-oriented, and internationalized university and ranks 60th worldwide (QS 2020).

Facts & Figures

2020 Rankings

QS World University Rankings **60**

US News & World Report **145**

Times Higher Education (THE) **189**

Students

Undergraduate students **16,129**

Graduate students **22,321**

International students **7,206**

Faculty

Academicians **44**

Chair Professors **182**

International Faculty **160**

Full Professors **982**

Full-time Faculty **3,014**

China-UK Low Carbon College

China-UK Low Carbon College (LCC) was established by Shanghai Jiao Tong University (SJTU) with the joint efforts of the University of Edinburgh (UoE) in May 2017.

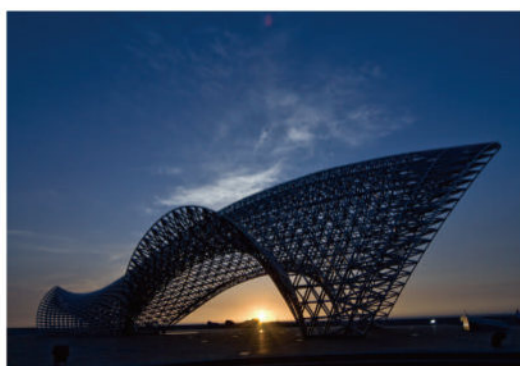
As the first college in China that pioneers in low carbon research and education, LCC aims to become a world-leading higher education institution with international influence, providing a platform for graduate education, scientific research, executive training, and innovation and incubation in the low carbon field.

Shanghai-Lingang Context

China-UK Low Carbon College is located in Lin-gang Special Area of China (Shanghai) Pilot Free Trade Zone. The establishment of Lin-gang Area is an important strategic deployment for further opening up made by President Xi Jinping.

It's an important measure to show China's strong commitment to all-round openness in the new era and to actively lead the healthy development of economic globalization.

Lin-gang Special Area will introduce opening-up policies and systems which are competitive in the global market as well as intensified risk and pressure tests for an open economy.



Programme Overview

LCC provides graduates with a range of professional and transferable skills that enable them to pursue successful careers in the fields of energy and environment, including climate change consulting, carbon trading, energy-related or environment-related project development and business, policy or regulatory roles within government and NGOs.

LCC offers master programmes in Low Carbon Environment and Low Carbon Energy.

Our master programmes are dedicated to professionals in the field of low carbon technologies, carbon finance and carbon management. The interdisciplinary nature of the programmes integrates the elements of low carbon technology and social science on the basis of Environmental Engineering and Power Engineering.



Academic advisor



Industrial advisor
**Industrial partners of LCC*

The programmes are delivered on-campus full time over 2.5 years. Students are offered opportunities to get a double master degree at the University of Edinburgh in Year 2 if they meet the entry requirements of UoE. Double degree students will be awarded Master's degree from both SJTU and UoE.



1st year
SJTU



2nd year
UoE or SJTU



Final semester
Thesis writing at SJTU

Double Degree Options (Master Programmes of UoE):

- Carbon Finance
- Carbon Management
- GeoEnergy
- Sustainable Energy Systems
- Energy, Society and Sustainability

Curriculum

Master Programmes

Compulsory Course

Featured Courses

Low Carbon Environment
(taught in English)

Environmental Technology Course

Technology of Air Pollution Control
Technology of Water Pollution Control
Solid Waste Disposal and Recycling

Environmental Social Science Course

Environmental Economics
Environmental Law
Environmental Management

Low Carbon Energy
(taught in English)

Power Engineering Technology Course

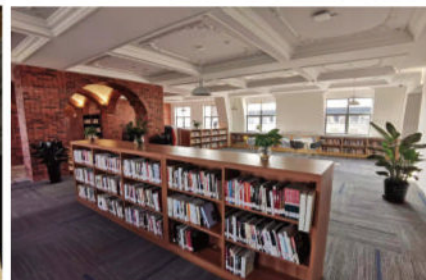
Advanced Heat Transfer
Advanced Engineering Thermodynamics
Advanced Fluid Dynamics in Engineering
Advanced Combustion Theory

Power Engineering Frontier Course

Basic Principles of Sensors and Mechanical Measurement Systems
New Energy Systems

- >Decision-Making for Low Carbon Management
- >Carbon Accounting
- >Carbon Economics
- >Business and Climate Change
- >Carbon Resources Cycle
- >Building Energy Saving and Solar Energy Utilization
- >Energy Clean and Cascade Utilization
- >Cities and Sustainability

* LCC also offers PhD programmes. Please contact your ideal supervisor from the LCC faculty list in advance.



Industrial Partners



LCC Faculty



LCC currently has 20 full-time faculty and 40 adjunct faculty. Our faculty members are world-leading experts in the area of climate change and all obtained PhD degree from world-leading universities with education or research backgrounds overseas.

Admission

Eligibility

- > Non-Chinese citizen
- > Outstanding academic performance and potential
- > Bachelor's degree for master programme applicants. Master's degree for doctoral programme applicants.
- > Proficiency in English

How to Apply

Step 1: Complete the Online Application

Complete and submit an online application at Study@SJTU (<http://isc.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 in RMB or USD. You can choose online payment or bank transfer in the online application system.

List of Supporting Documents

- > **Degree Certificates.** Applicants who have not graduated by the time of application are required to provide an official letter from their current university stating the expected graduation date.
- > **Official Transcripts**
- > **Personal Statement and Study Plan**
- > **Resume**
- > **Two recommendation letters**
- > **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.
- > **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. Please upload both the translated and original documents onto our application system.



Key Dates

- Oct 1, 2019: Open for application
- Dec 15, 2019: Deadline for 1st Round scholarship application
- Mar 31, 2020: Deadline for 2nd Round scholarship application
- May 31, 2020: Deadline for self-supported application
- Sep 5, 2020: Enrollment

Tuition Fee

80,000 RMB for each Master Programme (2.5 Years)

**excluding fees at UoE*

Scholarships

Types of Scholarships

Programme	Type	Duration	Coverage (RMB)	Source
Master's Programme	I	2-3 Years	Monthly stipend (3,000/Month) Tuition (28,900/Year) Health insurance Accommodation allowance (1,200/Month)	CSC/SGS+ SJTU
	II	2-3 Years	Monthly stipend (1,700/Month) Tuition (28,900/Year) Health insurance Accommodation allowance (1,200/Month)	SJTU
	III	2-3 Years	Tuition (28,900/Year) Health insurance	SJTU
Doctoral Programme	I	4 Years	Monthly stipend (5,000/Month) Tuition (45,500/Year) Health insurance Accommodation allowance (1,500/Month)	CSC/SGS+ SJTU
	II	4 Years	Monthly stipend (4,000/Month) Tuition (45,500/Year) Health insurance Accommodation allowance (1,500/Month)	CSC/SGS+ SJTU
	III	4 Years	Monthly stipend (2,500/Month) Tuition (45,500/Year) Health insurance Accommodation allowance (1,500/Month)	SJTU

For incoming international graduate students, there are two channels for scholarship application: through Shanghai Jiao Tong University or through Chinese Embassies/Consulates in the home country. Applicants may choose only one application channel. Replicated applications through more than one channels is not allowed.

How to Apply

► Apply for scholarships through SJTU

When applying at <http://apply.sjtu.edu.cn/> applicants should choose "apply for scholarship through SJTU" and follow the steps online. Applicants should complete the scholarship application procedures in time according to the requirements of the university.

► Apply for scholarships through Chinese Embassies/Consulates in the home country

Please consult the Chinese Embassy/Consulate about its application schedule, eligibility, requirements, procedures, documents, agency number, programme category type in advance.



Contact Information

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