



SHANGHAI JIAO TONG UNIVERSITY
China-UK Low Carbon College

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Shanghai Jiao Tong University



Overview



Shanghai Jiao Tong University (SJTU) is a world-renowned higher education institution, and one of the oldest and top universities in China. It is ranked 45 in QS World University Rankings.

The University of Edinburgh (UoE) has been providing students with world-class teaching for more than 400 years. It is one of the world's top universities, and is ranked 22 in QS World University Rankings.

The China-UK Low Carbon College of Shanghai Jiao Tong University (LCC) is a pioneering joint initiative in the field of low carbon between Shanghai Jiao Tong University and the University of Edinburgh. The vision of the Low Carbon College is to build up a talent database of world-leading experts in the low carbon fields, lead fundamental research in low carbon disciplines, and offer executive education for public and private sectors.

Quick Facts about LCC

- 01 Established in May 2017, we are **the first low carbon College** in China.
- 02 We designed the **first English-taught, low-carbon curriculum** at master's level in China.
- 03 We have **partnered with over 20 prestigious universities** around the world.
- 04 We have close partnerships with industries and governments, with over **500 industry partners**.
- 05 We launched **Carbon Neutrality – the world's first comprehensive, international, academic journal** in the field of carbon neutrality.
- 06 The **employment rate of our graduates is 100%**.

| Graduate Education |

01.Our Programs



Masters Programs in English

Major	Program	Duration
Resources and Environment	Low Carbon Environment	2.5 years
Energy and Power	Low Carbon Energy	
	Hydrogen and Energy Storage	

Programs in development: Smart Buildings and Low Carbon City; Carbon Finance; Carbon Management

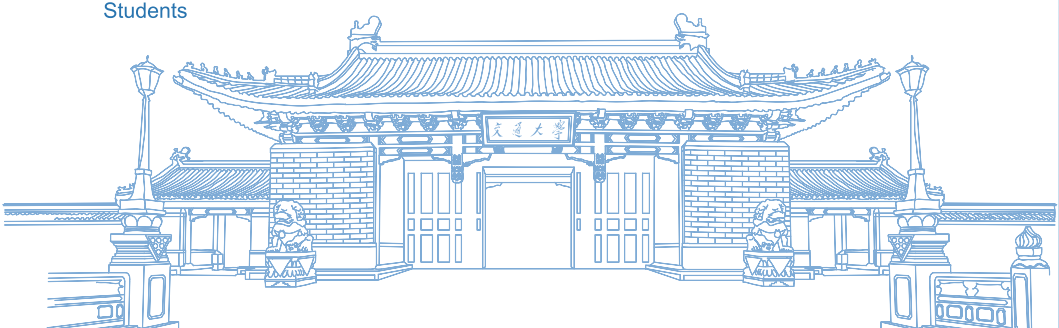
PhD Programs in English

Major	Schools	Duration
Environmental Science and Engineering	Co-offered with SJTU School of Environmental Science and Engineering	4 years
Power Engineering and Engineering Thermophysics	Co-offered with SJTU School of Mechanical Engineering	

Fees: Fees for entry are listed on our website under each individual program.

Scholarships: We offer a range of generous scholarships. Please visit our website for details.

To apply for our programs, please visit: <https://lcc.sjtu.edu.cn/En/Data/List/Prospective-Students>



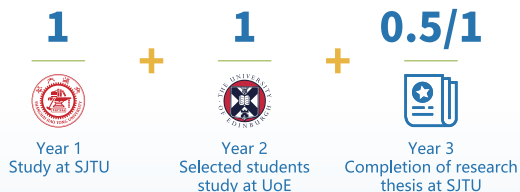


02. Program Features

► Double Advisory System



► Double Degree with the University of Edinburgh



UoE Program Options:

1. MSc in Climate Change Finance and Investment
2. MSc in Carbon Management
3. MSc in Energy, Society & Sustainability
4. MSc in GeoEnergy
5. MSc in Sustainable Energy Systems

► Distinctive Courses offered at LCC

- Business and Climate Change
- Carbon Accounting
- Carbon Economics
- Carbon Neutrality Policy and Technology
- Carbon Resources Cycle
- Decision-Making Tools for Low Carbon Management
- Energy and Environmental Economics
- Industrial Ecology
- Low Carbon Energy and Climate Change
- Net Zero-Carbon Fuels
- The UN Sustainable Development Goals

03. Faculty

LCC currently has 30 full-time faculty and 46 adjunct faculty. Our faculty members are world-leading experts in the low carbon areas with international visions, innovative thinking, and interdisciplinary capabilities.

For more information about our faculty members and job opportunities, please visit <https://lcc.sjtu.edu.cn/En/Data/List/Joinus>.

Scientific Research |

As the first low carbon college in China, LCC established 5 visionary research centers in 2017 which perfectly matches China's "carbon peak and neutrality goals" announced in 2020.



Research Centers



Carbon Finance and
Carbon Management Center



Renewables and
Energy Storage Center



Smart Energy and
Big Data Center

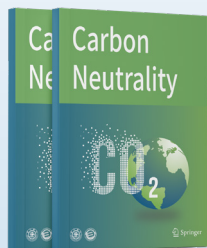


Sustainable Technologies
and Waste Resource Utilization Center



Carbon Capture, Utilization
and Storage Center

Academic Journal: *Carbon Neutrality*



Carbon Neutrality (ISSN: 2731-3948, www.springer.com/journal/43979) is an international, multi-disciplinary academic journal jointly published by Shanghai Jiao Tong University and Springer Nature in 2022. By publishing highest-quality original research and review papers in the fields of low carbon technology, environmental governance, and carbon finance and carbon management, **Carbon Neutrality** aims to establish itself as a flagship and leading international journal in the low-carbon area and to build an international academic exchange platform for cutting-edge net-zero carbon research. **Carbon Neutrality** was selected as a High-Start Journal in the Excellence Action Plan of China's STM Journals in 2023, and has been indexed in ESCI, Scopus, CAS and DOAJ.

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Executive Training |

LCC offers customized executive training services with a focus on climate change and low-carbon development for middle and senior leaders in governments, enterprises, public institutions, financial institutions, etc.



01 LCC has established a long-term partnership with the Department of Climate Change of Ministry of Ecology and Environment of China, and has consecutively held national training programs on “Capacity Building to Address Climate Change” for government officials since 2019. We have trained over 1,000 government officials from 31 provinces across mainland China.

02 LCC also offers executive training for key industry sectors such as steel and electricity industries.

03 Industry Partnerships

500+
Industry
Partners

240+
Industry
Supervisors

28
Bases for
Internship
& Employment



| International Cooperation |

Since May 2017, LCC has developed educational and research partnerships with over 20 world-leading universities across Europe, North America, Australia, and Asia, including the University of Edinburgh, University College London, University of Warwick, University of Michigan, Monash University, etc.

Global Network (partial list)



Strategic International Partners



University of Edinburgh
Primary International Partner

- Double Master's Program & Student Exchange
- Joint Teaching & Joint Research Seed Fund
- International Conferences & Bilateral Workshops
- Collaborative Projects funded by NSFC & British Council



University College London

- Collaborative Education and Research for Circular Economy
- International Conferences & Bilateral Workshops
- Collaborative Projects Funded by NSFC & British Council
- Seed Fund Collaboration



University of Warwick

- Bilateral Workshops
- Executive Training Collaboration
- Seed Fund Collaboration
- Staff and PhD Exchange



International Programs



Double Master's Program

- University of Edinburgh
- Monash University
- Kyushu University
- Pusan National University



Student Exchange Program

- University of Edinburgh
- University of Warwick



Summer Program

- International Summer School
- Summer Research Internship Program



SJTU-LCC

CONNECT WITH US

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Tel: +86-21-80160860

Website: <https://lcc.sjtu.edu.cn/En>

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 LinkedIn



 WeChat



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Study at LCC

