



## Introduction

The 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. Located in Lingang, Shanghai, LCC is the first college in China which pioneers in low carbon research and education. The vision of the college is to become a world-leading higher education institute with international influence, providing a platform for graduate education, scientific research, executive training, and innovation and incubation in the low carbon field. LCC has launched Master Programmes in Low Carbon Environment and Low Carbon Energy which are fully taught in English by outstanding faculty with international education or research backgrounds from global leading universities.

# China-UK Low Carbon College (LCC)

## Program Overview

The interdisciplinary nature of the programmes integrates the elements of low carbon technology and social science on the basis of Environment Engineering and Power Engineering. It provides a detailed understanding of Energy Systems, Environmental Policy, Business and Climate Change and Sustainable Development. LCC intends to build up a talent database of world-leading experts and scholars of the low carbon industry. The main employment sectors for our graduates are those of climate change consultancy, renewable energy and carbon management project development, as well as government and NGO climate change advisors.



Academic advisor

Industrial advisor  
\*mainly from industrial partners of LCC



## Curriculum

Subject Fields	Course Type	Foundation Courses	Featured Courses
Low Carbon Environment	Environmental Technology Course	Technology of Air Pollution Control Technology of water Pollution Control Solid Waste Disposal and Recycling Environmental Economics	> Carbon Accounting > Carbon Economics
	Environmental Social Science Course	Environmental Law Environmental Management	> Business and Climate Change > Carbon Resources Cycle
Low Carbon Energy	Power Engineering Technology Course	Advanced Heat Transfer Advanced Engineering Thermodynamics Advanced Fluid Dynamics in Engineering Advanced Combustion Theory	> Building Energy Saving and Solar Energy Utilization
	Power Engineering Frontier Course	Basic Principles of Sensors and Mechanical Measurement Systems New Energy Systems	> Energy Clean and Cascade Utilization

# Industrial Partners



ARUP



上海市建筑科学研究院集团  
SHANGHAI RESEARCH INSTITUTE OF BUILDING SCIENCES GROUP



Interface



中国质量认证中心  
CHINA QUALITY CERTIFICATION CENTRE



国泰君安证券  
GUOTAI JUNAN SECURITIES



国家电投集团资本控股有限公司  
SPIC CAPITAL HOLDING CO., LTD.



## LCC Faculty



Assistant Professor  
Xi Chen



Associate Professor  
Qi Dang



Associate Professor  
Yanping Du



Assistant Professor  
Xue Dong



Professor  
Yiliang He



Researcher  
Qianguo Lin



Associate Professor  
Jia Li



Assistant Professor  
Xiaojing Lv



Associate Professor  
Tao Ren



Associate Professor  
Huijin Xu



Assistant Professor  
Yuan Xue



Assistant Professor  
Haishan Yu



Professor  
Changying Zhao



Associate Professor  
Chong Cheng Tung



Associate Professor  
Jingxin Zhang

## LCC Visiting Scholars



Professor  
Andy Mount



Associate Professor  
Aristides Kiprakis



Associate Professor  
Dan Van der Horst



Senior Lecturer  
Matthew Brander



Professor  
Neil Robertson

## Contact Information

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