

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.





*mainly from industrial partners of LCC







2nd year

Last semester Thesis writing

Curriculum

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

Industrial Partners































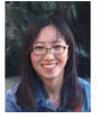




LCC Faculty



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



Associate Professor Huijin Xu



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