

Durham University School of Engineering and Computing Sciences Collaborative Degree Programmes

伦 计
联 项 书

Introduction

介绍

Durham University is the third oldest university in England and one of the world's leading centres of scholarship and learning. This year, Durham University was ranked in the Top 4 of UK Universities by the Sunday Times University guide, and was listed in the World Top 100 Universities. Durham University is also the only university in the UK whose community owns, lives and works in a World Heritage Site. With an international reputation for excellence in both teaching and research, Durham University will provide an outstanding platform for your future career.

伦 兰 时间仅 剑桥 时
领 术 伦 强 伦
还 拥 遗产(伦) 诸 领
际 为 优质

Having an Engineering degree from Durham is something to be proud of, and many of our graduates go on to work in top international Engineering firms such as Rolls Royce, Siemens, Arup, and Atkins, to name a few. This is helped by our degrees being very industrially relevant; indeed, we regularly consult major Engineering firms to ensure that our degrees respond to the changing demands on graduate Engineers, giving you the best possible start to your career.

拥 伦 值 骄 毕业 职 顶级 际
, Rolls Royce, Siemens, Arup, Atkins 为 应现 业 对 师 质
变 长 稳 毕业 时 职业
图

Durham also has a growing community of students from overseas. Our International Office has a team dedicated to international student support, which organises Durham University's 'Meet and Greet' service for international students when they first arrive. Overseas students are also supported by our colleges, each of which has an officer dedicated to international student support, so I am sure that you will be made very welcome when you arrive.

, 伦 际 长 办 设 专门 团队为刚刚
专门 员为 务
们 热 欢 热 应 习
环

How to apply

Applications will be accepted via the UK University system UCAS only. Further details about how to apply through UCAS will be provided shortly.

Fees

Tuition fees for the academic year 2013-2014 are £17,000. Accommodation costs and living expenses are not included in this total. The website to find out more information is:

<http://www.dur.ac.uk/international/undergraduate/fees/>

Scholarships will be available but the amount and distribution of these will be determined by the Collaborative degree Management Committee after application.

English Language requirements

If you are studying towards an IELTS qualification then you must achieve an average grade of 6.5 or greater, with no component below 6.0. More information, particularly for other (non-IELTS) English qualifications, can be found from the following website:

<http://www.dur.ac.uk/learningandteaching.handbook/1/3/1.3.2/1.3.2.1/>

English language courses are available during the summer prior to the Engineering courses beginning in September/October. These English classes are recommended. Note that fees for English courses are not included in the tuition fees listed above. Additional information can be found on the following website:

<https://www.dur.ac.uk/englishlanguage.centre/englishlanguage.courses/prospectivestudents/summer-pre-sessional/>

Academic Entry requirements

Academic entry requirements are listed by programme in the Summary Course information sheets which follow. Note that this summarises the Program Regulations and Program Specification for each degree, which are the primary reference for these courses.

Summary Course Information

Bachelor of Engineering in Civil Engineering

Open to students studying Civil Engineering (080703). Maximum number of students admitted in academic year 2013/2014 = 2

This course involves 2 years of study at Shandong University followed by 2 years of study at Durham University. Teaching at Durham will include the following content (ENGI code links to webpages with more detailed descriptions):

1st year in Durham		Credit value
Systems Modelling and Computing	ENGI2011	20
Analytical Methods	ENGI2051	20
Mechanics and Materials	ENGI2141	20
Design and Reverse Engineering	ENGI2111	20
Thermofluids	ENGI2121	20
Technology for the Modern World	ENGI1081	20
2nd year in Durham		Credit value
Soil Engineering	ENGI3311	20
Structures and Surveying	ENGI3301	20
Environmental Engineering	ENGI3341	20
BEng Civil Design	ENGI3281	20
BEng Engineering Project	ENGI3262	40

Please refer to [core regulations for undergraduate programmes](#) as well as the program regulations for more detail.

Academic Entry Requirements

Students entering this program must have achieved at least 75% in each of the following assessments:

Advanced Mathematics
Civil Engineering Materials
Descriptive Geometry and Engineering Graphing
Experiments in University Physics
Foundation of Computer Technologies
Hydrodynamics
Introduction of Computer
Linear Algebra
Materials Mechanics
Theoretical Mechanics
Structural Mechanics (I&II)
University Physics III

Summary Course Information

Master of Engineering in Civil Engineering

Open to students studying Civil Engineering (080703). Maximum number of students admitted in academic year 2013/2014 = 2

This course involves 3 years of study at Shandong University followed by 2 years of study at Durham University. Teaching at Durham will include the following content (ENGI code links to webpages with more detailed descriptions): 2

0

1st year in Durham		Credit value
Soil Engineering #	ENGI3311	20
Structures and Surveying #	ENGI3301	20

Summary Course Information

Master of Engineering in New and Renewable Energy

Open to students studying Energy and Environment System Engineering (080504) or Thermal Energy and Power Engineering (080501). Maximum number of students admitted in academic year 2013/2014 = 2

This course involves 3 years of study at Shandong University followed by 2 years of study at Durham University. Teaching at Durham will include the following content (ENGI code links to webpages with more detailed descriptions):

1st year in Durham

EITHER (Electrical Engineering Route)		Credit value
Control and Signal Processing	ENGI3391	20
Electrical Engineering	ENGI3371	20
Electronics	ENGI3361	20
Thermodynamics and Fluid Mechanics	ENGI3291	20
Engineering Design	ENGI3351	20
Management and Manufacture	ENGI3421	20
OR (Mechanical Engineering Route)		Credit value
Control and Signal Processing #	ENGI3391	20
Electrical Engineering #	ENGI3371	20
Applied Mechanics #	ENGI3411	20
Thermodynamics and Fluid Mechanics #	ENGI3291	20
Engineering Design #	ENGI3351	20
Management and Manufacture #	ENGI3421	20

2nd year in Durham

CORE MODULES		Credit value
Energy Conversion and Delivery	ENGI4271	20
Energy Markets, Low Carbon and Thermal Technologies	ENGI4281	20
MEng Research and Development Project	ENGI4093	60
OPTIONAL MODULES (Choose 20 credits)		Credit value
Digital Systems	ENGI4251	20
Applied Mechanics	ENGI4211	20
Advanced Design and Manufacture	ENGI4201	20
Enterprise and Operations	ENGI4311	20

Please refer to [core regulations for undergraduate programmes](#) as well as the program regulations for more detail.

Academic Entry Requirements

Students entering this program must have achieved at least 75% in each of the following assessments:

Advanced Mathematics

College Physics III

Complex Functions and Laplacian Transform

Electrical Engineering

Engineering Thermodynamics and Heat Transfer

Engineering Training

Engineering Training (Electronics)

Experiments in College Physics

Fluid Mechanics

Foundation of Computer Technologies

Fundamentals of Mechanical Design

Fundamentals of Mechanical Drawing

Introduction of Computer

Linear Algebra

Mechanics Materials

Production Practice

Theoretical Mechanics