

MSc Electrical and Electronic Engineering

Location: London
Start date: September
Tuition Fees: £12,500
Scholarship: £1,000
Requirement: IELTS 6.0

Course content:

Year 1

Students are required to study the following compulsory courses.

- Power Systems Analysis (15 credits)
- Technology Integration and Interfacing (15 credits)
- Design of Electronic Systems (15 credits)
- Embedded Electronics and Communications (15 credits)
- Individual Research Project (60 credits)
- Research, Planning and Communication (15 credits)

Students are required to choose 45 credits from this list of options.

- Advanced Design and Ergonomics (15 credits)
- Electrical Machines and Drives (15 credits)
- Future Technologies (15 credits)
- Power Electronic Converters (15 credits)
- Strategy & Management (15 credits)

MSc Electrical Power Engineering

Location: London
Start date: September
Tuition Fees: £12,500
Scholarship: £1,000
Requirement: IELTS 6.0

Course content:

Year 1: Students are required to study the following compulsory courses.

- Smart Grids and Sustainability (15 credits)
- Electrical Machines and Drives (15 credits)
- Group Power Project (15 credits)
- Power Systems Analysis (15 credits)
- Technology Integration and Interfacing (15 credits)
- Power Electronic Converters (15 credits)
- Individual Research Project (60 credits)
- Research, Planning and Communication (15 credits)
- Strategy & Management (15 credits)

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MSc Electronic and Electrical Engineering

Location: Cambridge
Start date: September (12 months), January (15 months)
Tuition Fee: £11,700
Scholarship: £1,000 (สำหรับ GPA 3.0+) และถ้าจ่ายค่าเรียนเต็มจะได้รับส่วนลด £500
Requirement: IELTS 6.5

Course content:

- DSP Applications and ARM® Technology
- Digital Systems Design with VHDL and FPGAs
- Power Conversion Systems
- Remote Sensing and the Internet of Things
- Research Methods
- Major Project

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MSc Electrical and Electronic Engineering

Location: Coventry

Start: September, January

Tuition Fees: £14,311

Requirement: IELTS 6.5

Scholarship: £500 - £1,000 และถ้าจ่ายค่าเรียนเต็มจะได้รับส่วนลดเพิ่มอีก 5%

WHAT WILL I LEARN?

The work carried out on this course will provide the demonstrable expertise necessary to help secure professional level employment in related industries. The topic areas also provide opportunities for interaction with the Faculty's Research Centres who will source some of the individual projects for the programme.

The MSc in Electrical and Electronic Engineering curriculum consists of a fixed menu of study and a substantial MSc project. Successful completion of all elements leads to the award of MSc in Electrical and Electronic Engineering. Completion of the taught modules without a project leads to the award of a Postgraduate Diploma.

The mandatory modules are as follows:

- Digital System Design with VHDL
- Electrical Machines and Drives
- Power Systems
- Digital Signal and Image Processing
- Robotics: Kinematics, Dynamics and Applications
- Measurement and Sensor Technology
- Microprocessor Applications
- Renewable Energy and Smart Grid
- Individual Project

The substantial individual project gives students the opportunity to work on a detailed area of related technology alongside an experienced academic supervisor. Some projects are offered in conjunction with the work of the Faculty's Research Centres or industry.

Typical project titles include:

- Embedded network interface development for measurement instruments;
- Wireless sensors for industrial thermocouple temperature monitoring;
- Power system network simulation;
- Wind turbine generator simulation.

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MSc Electrical Engineering

Location: Stoke-on-Trent Campus

Start: September

Tuition Fees: £12,000

English Requirement: IELTS 6.0

Course content:

Core modules are:

- Research Methods & Project Management
- Power Electronics in Electrical Utility Systems
- Advanced Power Systems Analysis
- Power System Protection
- Flexible AC Transmission Systems and Custom Power
- MSc Project

Option Modules are:

- Energy Management
- Control Systems
- Photovoltaic Technology

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MSc Electrical Power Engineering

Location: Newcastle

Start date: September (12 months), January (16 months)

Tuition Fee: £13,500

Scholarship: £260 - £500

Requirement: IELTS 6.5

Course content:

Modules

Year one

- Wind Energy Conversion Systems (Core, 20 Credits)
- Photovoltaic System Technology (Core, 20 Credits)
- Engineering Research and Project Management (Core, 20 Credits)
- Renewable Energy Technologies for Electricity Supply (Core, 20 Credits)
- Power Electronics and Drive Systems (Core, 20 Credits)
- Smart Grids (Core, 20 Credits)

Year Two

- MSc Engineering Project (Core, 60 Credits)

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Brunel University London

MSc Sustainable Electrical Power

Location: London

Start date: September

Tuition Fee: £17,500

Requirement: IELTS 6.0

Course Content

Compulsory Modules

- Energy Economics and Power Markets
- Power System Operation and Management
- Power Electronics and FACTS
- Power System Analysis and Security
- Sustainable Power Generation
- Power System Stability and Control
- Project Management
- Sustainable Electrical Power Workshop
- Project & Dissertation

MSc Advance Electronic and Electrical Engineering

Location: London

Start date: September

Tuition Fee: £17,500

Requirement: IELTS 6.0

Course Content

Core Modules

- Project Management
- Advanced Analogue Electronics & Photonics
- Applied Sensors, Instrumentation and Control
- AEEE Group Project
- Power Electronics and FACTS

Optional Modules

- DSP for Communications
- RF & Optical Communication Systems
- Embedded Systems Engineering
- Intelligent Systems
- Computer Networks
- Analogue Inegrated Circuit Design
- Project/Dissertation

Teesside University

www.tees.ac.uk

MSc Electrical Power and Energy Systems

Location: Middlesbrough

Start date: September (12 months), January (16 months)

Tuition Fees: £10,950

Requirement: IELTS 6.5

Scholarship: £1,500 และถ้าจ่ายค่าเรียนเต็มจะได้รับส่วนลด £400

Course content

Core modules

- Asset Management
- Emerging Transmission Systems
- Power Electronics
- Practical Health and Safety Skills
- Project Management and Enterprise
- Renewable Energy Conversion Systems
- Research and Study Skills
- Smart Power Distribution

MSc only

- Major Project

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Liverpool John Moores University

www.ljmu.ac.uk

MSc Electrical power and Control Engineering

Location: Liverpool

Start: September

Tuition Fees: £12,660

English Requirement: IELTS 6.5 (minimum of 5.5 in each component)

Course content

Level 7

<ul style="list-style-type: none">• Research skills• Modelling and control of electric machines and drives• Control systems• Dynamic systems simulation	<ul style="list-style-type: none">• Digital control• Power systems modelling and analysis• Professional and Leadership Skills• Modelling and simulation• MSc dissertation
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เอกสารที่ใช้ในการสมัครเรียน คือ

- Transcript
- ใบปริญญาจบ ป.ตรี (ถ้าได้รับใบปริญญาแล้ว)
- หนังสือรับรองการจบ (ถ้ายังไม่ได้รับใบปริญญา)
- Resume
- Statement of Purpose (SOP) (เขียนว่าทำไมถึงอยากเรียนสาขาวิชานี้ประมาณ 1 หน้ากระดาษ)
- Recommendation Letter จากอาจารย์ / จากที่ทำงาน 2 ท่าน
- หนังสือรับรองการทำงาน (ถ้ามี)
- Copy passport
- ผล UKVI IELTS

เอกสารในการสมัครเรียนถ้าน้องไม่สะดวกที่จะเอาเข้ามาให้พี่ต่อที่ออฟฟิศ น้องสามารถที่จะสแกนแล้วส่งมาให้พี่ต่อทางอีเมลล์ได้นะค่ะที่ leenar@studyoverseas.co.th ค่ะ ถ้าน้องมีคำถามเพิ่มเติมโทรมาสอบถามพี่ต่อได้นะค่ะที่ 089-6820168 ค่ะ

ขอบคุณมากค่ะ
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