**H1K909: Electronic and Electrical Engineering**

Postgraduate Taught MSc 2019

** Essentials 

<table>
<thead>
<tr>
<th>UCAS code</th>
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<tbody>
<tr>
<td>Degree</td>
<td>MSc</td>
</tr>
<tr>
<td>Mode of study</td>
<td>Full Time</td>
</tr>
<tr>
<td>Duration</td>
<td>1 year (full time)</td>
</tr>
<tr>
<td>Start Date</td>
<td>01/10/2019</td>
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<tr>
<td>Location</td>
<td>Durham City (<a href="http://www.durham.ac.uk/study/location/durham.city">www.durham.ac.uk/study/location/durham.city</a>)</td>
</tr>
<tr>
<td>More information</td>
<td>Still have questions? (<a href="http://www.durham.ac.uk/study/askus/">www.durham.ac.uk/study/askus/</a>)</td>
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<tr>
<td>Department(s) Website</td>
<td><a href="http://www.durham.ac.uk/engineering">www.durham.ac.uk/engineering</a></td>
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Course Summary

Description

The main objective of the course is to educate you in the key engineering aspects of electronic and electrical engineering, enabling you to undertake responsible, creative, challenging and stimulating posts in industry or research.

The course covers the key areas of electronic and electrical engineering. In addition to the technical background provided in these subjects, hands-on experience is gained through a major individual Research and Development project, a group design project and a supporting laboratory programme.

Course Structure

The course consists of a group design module, an individual research and development project, and 6 taught modules each of which has 20 credits. In addition to the group design module and the research and development project module, Candidates shall choose either List A or List B as below:

List A

- Electrical Engineering 3
- Low Carbon Technologies
- Energy Conversion and Delivery

List B

- Electronics and Communications
- DSP and Microwave Engineering
- Communications Systems

Core Modules

- Research and Development Project
- Group design
Admissions Process

Subject requirements, level and grade

A good second class honours degree (typically equivalent to UK 2:1 Honours) or better in a subject which includes a significant electronic or electrical engineering content.

English Language requirements

Please check requirements for your subject and level of study (www.durham.ac.uk/learningandteaching.handbook/1/3/3/).

How to apply

www.durham.ac.uk/postgraduate/apply
Fees and Funding

Full Time Fees

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<table>
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<tr>
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<tbody>
<tr>
<td>EU Student</td>
<td>£9,300.00 per year</td>
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<tr>
<td>Home Student</td>
<td>£9,300.00 per year</td>
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<tr>
<td>Island Student</td>
<td>£9,300.00 per year</td>
</tr>
<tr>
<td>International non-EU Student</td>
<td>£22,500.00 per year</td>
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The tuition fees shown are for one complete academic year of full time study, are set according to the academic year of entry, and remain the same throughout the duration of the programme for that cohort (unless otherwise stated).

Please also check costs for colleges and accommodation (www.durham.ac.uk/postgraduate/accommodation/costs/).

Scholarships and funding

www.durham.ac.uk/postgraduate/finance
Career Opportunities

Department of Engineering

For further information on career options and employability, including the results of the Destination of Leavers survey, student and employer testimonials and details of work experience and study abroad opportunities, please visit our employability web pages (www.durham.ac.uk/ecs/postgraduate/employability).
Open days and visits

Pre-application open day
www.durham.ac.uk/postgraduate/visit

Overseas Visit Schedule
www.durham.ac.uk/international/office/meetus

Postgraduate Visits
PGVI or
www.durham.ac.uk/postgraduate/visit/
Department Information

Department of Engineering

Overview

The Department of Engineering offers postgraduate courses that are challenging and technologically relevant. The Department's research covers a wide range of topics, which are divided into three challenge areas: Future Energy Systems, Next Generation Materials and Microsystems, and Sustainable Infrastructure. A broad range of specialist research clusters support our activities in these areas. Durham engineering postgraduates, both taught and research, will be making a vital contribution to these challenge areas. You will have access to extensive and diverse research facilities to support your learning. For example, airflow sensors, made using cutting-edge microfabrication techniques in the Class 1000 Cleanroom, have been tested and characterised in the Department's wind tunnel facilities.

Ranking

Ranked joint 1st in the UK for Internationally Excellent or World-Leading research impact in REF 2014.

Website

www.durham.ac.uk/engineering