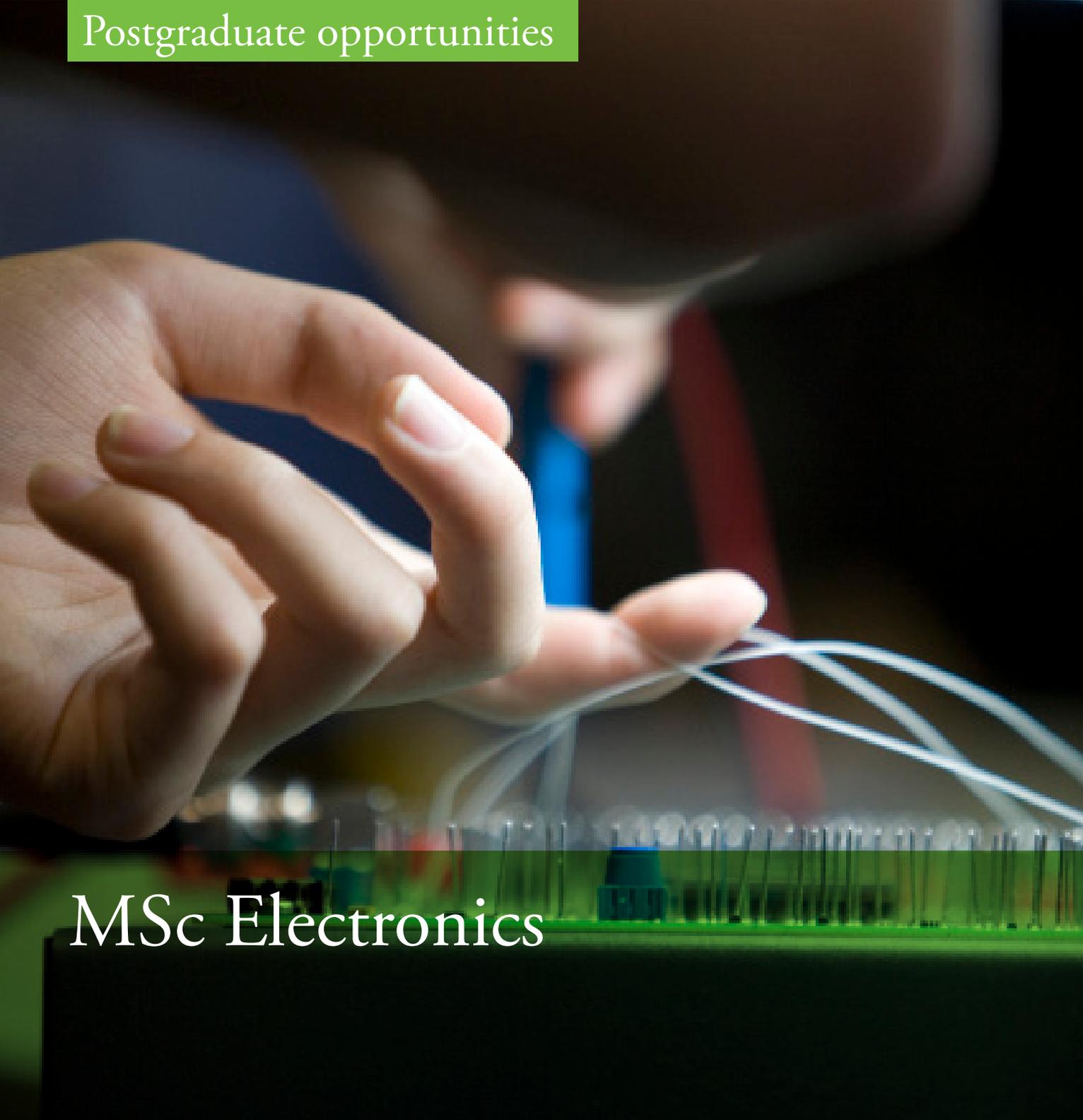




THE UNIVERSITY of EDINBURGH
School of Engineering

Postgraduate opportunities



MSc Electronics

The School of Engineering at the University of Edinburgh offers a world-class degree in electronics, designed to provide students a broad understanding of modern electronics giving expertise in the design, simulation and construction of electronic systems.

Introducing a Flexible Approach to Studying the Rapid Advances in Modern Electronics

This MSc programme is aimed squarely at educating you to be at the forefront of industry and research, fostering a firm understanding of principles, providing excellent practical experience through our advanced laboratories and an individual MSc project.

Advanced laboratories in analogue and digital electronics include a unique analogue VLSI teaching chip and a state of the art programmable digital laboratory environment, resulting in a significant emphasis on laboratory based learning. The teaching chip, developed in association with Scottish Enterprise, is an exclusive aspect of the degree programme at the University of Edinburgh. Graduates of this programme have well-rounded academic and professional skills, giving them the ability to contribute to electronics research and industry due to their familiarity with the research and design process.

Scholarships
[www.ed.ac.uk/
student-funding](http://www.ed.ac.uk/student-funding)

Programme Structure

This programme is delivered on-campus full time for 12 months and is split into three distinct streams:

Analogue VLSI Stream

Analogue/Digital Stream

Bioelectronics Stream

Examples of Taught Courses

Analogue VLSI A
Analogue IC Design
Principles of Microelectronic Devices
Discrete-Time Signal Analysis
Power Electronics
Digital System Laboratory
Modern Economic Issues in Industry

Dissertation

While studying the taught courses you will also undertake preparatory work for your research project during Semester 2. The dissertation will be completed over the summer after conclusion of the taught courses.

Careers

This strong programme has a number of key features which make our graduates very attractive to employers in industry. The programme's choice of balance between Analogue, Digital and Bio-electronics is unique, plus projects completed on this programme are embedded in research group work, which is aligned with real-world industrial project practices. The economics and management modules provide excellent preparation for students to transfer to managerial or technical roles in research, design and development in various sectors like IT, telecommunications, defence or medical electronics.

Entry requirements

You should have a UK 2:1 degree or its international equivalent preferably in electronics, electrical engineering or a related area. Further information on international equivalencies can be found at: www.ed.ac.uk/studying/international/postgraduate-entry

Tuition Fee 2017/18*

UK/EU Students: £10,800

International Students: £23,700

*Fees change annually. For the most up-to-date information about fees see: www.ed.ac.uk/student-funding/tuition-fees/postgraduate/taught-fees

Virtual Information Sessions

All applicants will be invited to speak with academics about course content in our regularly-held online sessions.

English Language Requirements

IELTS Academic module 6.5 (with 6.0 in each section), TOEFL iBT 92 (with 20 in each section). For more information about other qualifications we accept please go to: www.ed.ac.uk/studying/international/english/postgraduate

Contact Us

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The University of Edinburgh is ranked 19th in the world by the QS World University Rankings 2016/17.

QS World University ranking, 2016/17



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