



UNIVERSITY OF
LINCOLN

School of
Engineering



Our Engineering Courses at Lincoln and Where They Could Take You

Lincoln's School of Engineering has an excellent track record for graduate employment. Nine out of 10 of our graduates were in employment or further study within six months of finishing their courses, according to the latest Destinations of Leavers from Higher Education survey. Our graduates were also earning, on average, £28,000 according to the same survey.

BEng (Hons) Mechanical Engineering and MEng (Hons) Mechanical Engineering

Also available with specialisms in Control Systems and Power and Energy

Lincoln's BEng (Hons) Mechanical Engineering degrees have been designed to develop graduates who are highly-skilled, creative professionals capable of adapting to new challenges and delivering sustainable solutions.

The University's status as a Siemens Global Principal Partner gives Lincoln graduates

enhanced opportunities for sponsorships, placements, mentoring and recruitment.

Aside from traditional careers in engineering, students can aim for careers in robotics, assistive technologies, unmanned aircraft, driverless cars and automated production lines. Lincoln's Mechanical Engineering graduates can play a vital role in the innovation of technology for the modern world.

BEng (Hons) Electrical Engineering and MEng (Hons) Electrical Engineering

Also available with specialisms in Control Systems and Power and Energy

The BEng (Hons) Electrical Engineering degrees at Lincoln aim to encompass topics ranging from energy and automation through to communications and transport.

Electrical engineering students gain a foundation in engineering theory and practice, and have the opportunity to develop fundamental knowledge and refine important technical and workshop skills.

If they wish, students can then opt to specialise in electrical control systems or power and energy, alongside core electrical engineering modules.

Throughout all of the courses, there are opportunities for students to practise and develop their engineering skills on real-life problems through project work. The purpose-built Engineering Hub was created in collaboration with Siemens and houses industry-standard machinery, turbines, and multiple state-of-the-art teaching and research laboratories, as well as vehicle control and biofuels laboratories.

BEng (Hons) Automation Engineering

This is an industry-guided course designed in collaboration with global industrial giants, such as B&R Automation and Schneider Electric. It aims to produce skilled engineering professionals who can actively participate in and manage the executive design and development of automation systems. Students will be given the chance to design or manage systems produced through a combination of skills from the fields of mechanical and electrical engineering.

This helps to promote a large variety of possible applications, helping students to learn how to manage the demands of the continuous evolution of technology as well as providing flexibility in the jobs market.

Postgraduate Studies

We offer taught postgraduate programmes with our MSc Engineering Management and MSc Mechanical Engineering courses, as well as research opportunities through our MSc by Research Engineering, and MPhil/PhD Engineering programmes.

Student Bursaries

Siemens offers a significant number of bursaries to full-time Mechanical and Electrical Engineering applicants who make the University of Lincoln their first choice institution via UCAS. The nature of these financial packages changes each year. Please see our website for the latest information.

Careers Guidance

The School of Engineering works closely with the Careers & Employability Service to ensure that employability is embedded throughout the curriculum and that students receive the right support to allow them to develop into highly-employable graduates who contribute to the development of society and the economy.

Please visit www.uolcareers.co.uk for more information.



Welcome to Engineering at Lincoln



“It is my great pleasure to introduce you to the School of Engineering at the University of Lincoln.

We constantly strive to attract a dynamic group of students, academics and researchers who can work together to advance knowledge and elevate skills, and we hope you make the choice to join us.

Everyone in the world is surrounded by gadgets, structures and machines that have been invented, developed and maintained by engineers.

From designing new power stations to provide energy for our homes, to inventing new sensors to make cars safer, engineers are driving society forward.

Here at Lincoln, we are moving quickly too. The Engineering Hub forms part of the £28 million Isaac Newton Building, and we have state-of-the-art facilities to help you benefit from an education that is in tune with industry.

The University is now a Siemens Global Principal Partner, one of only four in the UK and 16 worldwide. This gives Lincoln graduates superb new opportunities for sponsorships, placements, mentoring and recruitment. Other graduate destinations have included Alstom, Babcock, JCB and Jaguar Land Rover.

I hope you will consider Lincoln as the next step on your journey towards shaping your future career.”

Professor Tim Gordon
Head of School of Engineering

Learn From Experts

In the School of Engineering, students can be taught by, and work alongside, experienced and practising academics who are conducting innovative research. The School of Engineering employs research-active staff with experience in undergraduate and postgraduate teaching.



Dr Rebecca Margetts
Senior Lecturer/
Programme Leader

Dr Margetts completed her PhD on modelling hybrid system dynamics

at the University of Bath, with funding from Airbus. Her research interests focus on modelling and control of multi-disciplinary dynamic systems, particularly using a hybrid bond graph approach.

She is a Chartered Engineer with a background in the aerospace and automotive industries, and has previously worked for AugustaWestland, Ford and Ricardo, specialising in dynamics and mathematical modelling.

Dr Margetts is the Programme Leader for the undergraduate BEng/MEng Mechanical Engineering degrees, and lectures in control engineering. She is keen to promote and teach good modelling practices and improve the tools available to engineers.



Dr Michael Gallimore
Deputy Head
of School of
Engineering

Dr Gallimore graduated from Sheffield Hallam

University with a BEng (Hons) degree in Mechanical and Computer-Aided Engineering and went on to gain his PhD from the University of Lincoln in 2016.

Prior to his academic career, Dr Gallimore spent 10 years working for Siemens Industrial Turbomachinery Ltd in Lincoln in various roles including as a design engineer, senior support engineer and service manager. He is a qualified teacher of mathematics and also a chartered mechanical engineer and has been teaching in Secondary, Further and Higher Education since 2006.

His research interests include intelligent diagnostics and prognostics for complex systems, signal processing, optimization and biomedical engineering.

Dr Gallimore also specialises in modelling and prediction, and the applications of engineering to medicine and pharmacy.

He has full responsibility for the management of all teaching provision within the School.



We aim to graduate the engineers of the future who are highly-skilled, creative professionals capable of adapting to new challenges and able to deliver sustainable solutions in an international environment.



Research Opportunities

Students from the School of Engineering will join an academic community based in a purpose-built Engineering Hub, which was created in collaboration with Siemens and houses industry-standard machinery and state-of-the-art teaching and research laboratories. It also contains a vehicle control laboratory, a biofuels laboratory and an electrical systems laboratory.

The Engineering Hub forms part of the new £28 million Isaac Newton Building, which comprises additional spaces such as workshops and computer laboratories.

Noted research specialisms currently include diagnostics and prognostics, renewables, modelling of dynamic systems, nanomaterials and applications of lasers.

The Intelligent Systems Research Group specialises in car, rail and aircraft control, autonomous systems (including UAVs and self-driving cars), intelligent systems and artificial neural networks, and fundamentals of mathematical modelling.

The School's Power and Energy Research Group focuses on renewables, applications of lasers, sustainable energy systems, electric vehicles, and various fields of electronics and control.

Our academics have secured grants from major UK and European research funders and have delivered research, development and consultancy for industrial partners such as Siemens, Castlet Inc, e2V, Dynex Semiconductor Ltd., and Arralis Ltd.

Find Out More

There are many ways for you to engage with the School of Engineering, and the University of Lincoln. Whether you want to visit us and take a look around, join our online community or find out more information, we are here to help. Call us on **01522 886644**, email **enquiries@lincoln.ac.uk** or read on to find out other ways to get in touch.

Open Days

The University holds Open Days throughout the year, which offer a great opportunity for you and your family to explore the campus, speak to lecturers and find out more about student life at Lincoln. For more information and to book your place, please visit:

www.lincoln.ac.uk/opendays

Postgraduate Visits and Taster Days

At a Postgraduate Taster Day, there are opportunities to take part in a lecture or workshop, as well as to meet our academics and other prospective students.

International Students

The University of Lincoln aims to provide a vibrant and dynamic atmosphere for international students who are looking to study in the UK. Please visit **www.lincoln.ac.uk/international** for more information.

Social Media

To keep up-to-date with the latest news and information from the University, join our online communities.



[lincolnschoolofengineering](https://www.facebook.com/lincolnschoolofengineering)
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