Physics
School of Mathematics
and Physics
The University of Lincoln has an excellent track record for graduate employment, with 95 per cent of our most recent graduates in employment or further study within six months of finishing their course, according to the latest Destinations of Leavers from Higher Education survey.

BSc (Hons) Physics

Physics is a fascinating subject concerned with the most fundamental laws governing the world around us. The knowledge and problem-solving skills of physicists are vital for new discoveries and advances in technology that affect all of our lives.

The BSc (Hons) Physics degree combines fundamental and applied physics with mathematics and computational training. It aims to develop problem-solving skills and also includes a research component. The degree combines compulsory and elective modules, as well as project work.

Physics graduates are well placed for careers in research and development, process control, and regulatory roles in organisations around the world. Some may go on to roles in education or to further study at postgraduate level.

MPhys Physics

The MPhys (Master of Physics) degree combines theory with practical laboratory work and substantial research training. Students who choose to enrol on the MPhys programme will follow the same pathway as the BSc (Hons) degree for three years before continuing their studies for a fourth year at an advanced level, examining in greater depth topics such as Nanophysics, Advanced Instrumentation and Theoretical Physics. Students can also undertake substantial additional project work.

This degree is designed for those seeking to develop thorough skills as an independent physicist. Students may have the opportunity to contribute to research and write an academic paper.

Throughout the course, there are extensive opportunities to hone practical skills in preparation for careers in a variety of sectors including energy, aerospace, defence, education and engineering.

Industrial and Research Focus

As a part of their degree, our Physics students follow an Industrial Physics module where they can meet leading industrialists and have an opportunity for summer or year-long placements (subject to availability and selection) as well as the opportunity to engage in, or learn from, industrial research projects. Our students can take part in elements of research work from their first year through to their final year. That can include group study in year one, a group project in year two and individual projects in years three and four.

Investing in the Future

The University of Lincoln has invested £200 million in its award-winning campus, with a further expenditure of £130 million planned over the next 10 years. Our Physics students can benefit from facilities at the Joseph Banks Laboratories and the new £28 million Isaac Newton Building.

Careers Guidance

At Lincoln, our Careers & Employability Team has qualified advisers who can work with you to provide tailored, individual support and careers advice during your time with us. This service can include one-to-one coaching, CV advice and interview preparation to help you maximise future opportunities.

Graduates also receive one-to-one support for a year after completing their course, including access to events, vacancy information and website resources. Access to online vacancies as well as virtual and website resources are available for the following two years.

For more information on the full range of services available through the Careers & Employability Team at Lincoln, please visit www.uolcareers.co.uk.

Physics Courses at Lincoln and Where They Could Take You

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Welcome to Physics at Lincoln

"It is my great pleasure to welcome you to the Physics programmes at the University of Lincoln. Physics develops our understanding of the world around us, from faraway galaxies to the smallest elementary particles. It challenges our thinking and changes our lives through developments in one knowledge about the most fundamental laws of nature. Physics is also often the first step in creating the equipment and resources, to develop the skills they may need in their future career. It also helps us to develop the right mindset for further study.

At Lincoln, we bring together fundamental and applied physics with rigorous mathematics and computational training. We aim to develop broad problem-solving skills and this can include a substantial research component as well as exposure with national and international research partners.

Physics at Lincoln has been developed to follow UK Institute of Physics requirements. If you choose to join us, you will be part of a vibrant and diverse community of scientists and students who are passionate about physics. We are committed to help you develop the skills to pursue a variety of exciting and fulfilling careers.

Physics students at Lincoln can be taught by, and work alongside, experienced and practising academics who are conducting research on the front line of modern physics. The University also hosts high-profile visiting speakers as part of our Great Minds lecture series. Previous speakers have included Astronomer Royal Sir Martin Rees, spacecraft engineer Albrecht Hauser and scientist Lord Robert Winston.

One of Lincoln’s most famous sons, Sir Isaac Newton, was born at Woolsthorpe Manor, near Grantham, in 1642. The mathematical and physicalist is said to have pondered the nature of gravity from a tree in his garden, and a graft of that tree is currently being tilled near the University of Lincoln.

The University has invested heavily in Mathematics (STEM) subjects with the best learning environment for our students. The University strives to ensure students have access to specialist equipment and resources, to develop the skills they need in their future career.

Research Expertise in Physics

Physics students at Lincoln will join an active academic community. You will be taught by, and work alongside, experienced and practising academics who are conducting research on the front line of modern physics. The University also hosts high-profile visiting speakers as part of our Great Minds lecture series. Previous speakers have included Astronomer Royal Sir Martin Rees, spacecraft engineer Albrecht Hauser and scientist Lord Robert Winston.

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Find Out More

There are many ways for you to engage with the School of Mathematics and Physics, 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 +44 (0)1522 886644, email mathsphysics@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

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.

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All information accurate at the time of print. For the latest information, please visit our website.