

Find more information about our courses:

[www.le.ac.uk/physics/admissions](http://www.le.ac.uk/physics/admissions)

Take a look at our prospectus:

[www.le.ac.uk/study](http://www.le.ac.uk/study)

Information on scholarships and fees:

[www.le.ac.uk/fees](http://www.le.ac.uk/fees)

Contact us:

Dr Mervyn Roy

[physics\\_admissions@le.ac.uk](mailto:physics_admissions@le.ac.uk)

0116 252 3575

Notes:

**Images:** Cover: Student with scanning tunnelling microscope in the physics nano-microscopy laboratory. 1: Physics students outside the department. 2: Leicester supercomputer simulation of colliding neutron stars. 3: Students and staff work on a satellite in the physics department clean room. 4: Students and staff in the undergraduate teaching laboratory.

## What our students say



Susan Humphrys, MPhys.

*'The tutors in the Physics Dept. are superb and are always willing to help with questions and problems. I definitely had all the support I needed to excel in my studies.'*

Financial Analyst, BSkyB.



Ed Bean, MPhys.

*'Leicester was a great environment to encourage me to reach my potential and to provide me with all the tools I've needed to be successful in my career.'*

EADS Astrium, graduate programme.



Sarah Cruddas, BSc.

*'The course armed me with much more than just a degree. It gave me an understanding of the importance of communicating science and the confidence to push myself in a highly competitive industry.'*

BBC Science Reporter and Weather Presenter.



Sarah Badman, MPhys, PhD.

*'Leicester Physics Dept. has a wide range of research expertise and I really enjoyed the opportunities to work on cutting-edge research projects as an undergraduate.'*

Research Fellow, Japan Aerospace Exploration Agency.



University of  
Leicester

## Department of Physics and Astronomy



**THE Awards Winner**  
2007, 2008, 2009, 2010

[www.le.ac.uk/physics](http://www.le.ac.uk/physics)

# Department of Physics and Astronomy

The Department of Physics and Astronomy at the University of Leicester has a reputation for high quality teaching and world leading research. We pride ourselves on our commitment to teaching, our friendly and approachable staff and our comprehensive student support.



## At a glance

**Places:** 90

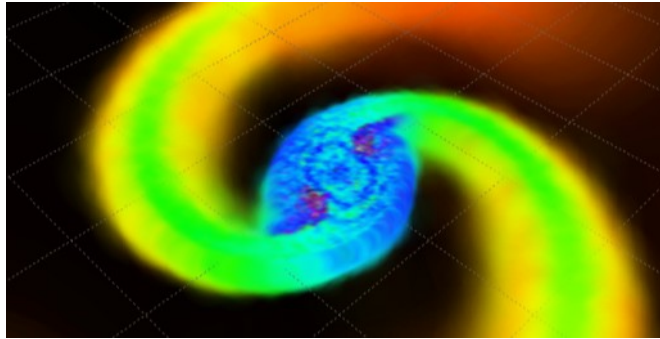
**Academic Staff:** 41

**Typical Offers:** AAA – ABB at A-level (including Physics and Maths)

**Scholarships and Fees:** [www.le.ac.uk/fees](http://www.le.ac.uk/fees)

**National Student Survey:** 93% of students satisfied with their course

**Employment:** 79% in graduate employment or further study within 6 months of graduation



## Explore your Universe

Physics is the most fundamental of the sciences. It is concerned with the study of matter and energy on all scales - from the quantum world to the size of the visible Universe.



At Leicester, our cutting-edge research covers the Universe from colliding galaxies to the smallest nanoparticle.

This research leads our teaching. Specialist options are taught by leading academics and final year projects will give you a taste of real research.

We encourage our students to get involved. Recent final year undergraduate projects include: calculating the tidal disruption caused by super-massive black holes, investigating the photoluminescence of silicon nanoparticles, studying oscillations in Saturn's magnetic fields, looking at quantum effects in artificial atoms, and searching for planets around other stars.

## Why study with us?

- Choice of 4 year MPhys or 3 year BSc degrees in:
  - Physics
  - Physics with Astrophysics
  - Physics with Nanotechnology
  - Physics with Planetary Science
  - Physics with Space Science and Technology
- Uniquely flexible degree with a wide range of option modules and opportunities
- Each degree course is built upon the world class research in the department
- Outstanding student facilities in a vibrant and stimulating learning environment



## Course Opportunities

All of our degrees contain a comprehensive core of physics and maths to ensure you have the widest possible employment opportunities once you graduate.

We offer specialist options in physics, astrophysics, nanotechnology, space science and planetary science. You can mix and match options to suit your own interests and career aspirations. You can swap between different specialist degrees, and even between BSc and MPhys courses.

You will also have the chance to spend time in Industry, or abroad at one of our partner Universities in Europe, Australia, the USA or Canada.