

## Key facts

Unless otherwise stated

**Entry requirements:** a UK bachelor's degree with upper second-class honours or higher or a Master of Science in physics or a Master of Physics. See equivalent international qualifications

[www.southampton.ac.uk/pgp/entry](http://www.southampton.ac.uk/pgp/entry)

**English language:** band 1b, IELTS 6.0 overall with a minimum of 5.5 in each component. For more information visit [www.southampton.ac.uk/pgp/el](http://www.southampton.ac.uk/pgp/el)

**Duration:** typically three to four years (full time)

**Assessment:** annual report, thesis and viva voce\*

**Start date:** September

**Closing date:** none, but early application advised

**Funding:** EPSRC, e-Science Initiative, NERC, HEFCE, industrial studentships, Horizon 2020, Leverhulme Trust, NEXT Institute, University of Southampton scholarships, STFC, Wolfson Foundation

**Fees:**

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

# 100%

of our research has been rated world leading or internationally excellent for its impact on society (latest REF, 2014)

\*For more information on continued assessment throughout your research programme, see page 41



## Find out more

To find out more or download full course and module information visit

[www.southampton.ac.uk/pgp/phys](http://www.southampton.ac.uk/pgp/phys)

For specific enquiries:

**T:** +44 (0)23 8059 4959

**E:** [pa-pgr-apply@southampton.ac.uk](mailto:pa-pgr-apply@southampton.ac.uk)

Research programmes

# PHYSICS AND ASTRONOMY



## PhD

Channel your curiosity and explore the wonders of our universe. You'll be joining a department which is ranked in the top five for research output among the Russell Group universities. In addition, 94 per cent of our research was rated world leading or internationally excellent in the most recent Research Excellence Framework (2014).

Supervised by expert academics, you'll join one of our friendly research groups and become part of a rich and vibrant intellectual community. The facilities you'll have access to are state of the art, including a £120m Cleanroom Complex and Nanofabrication facility, one of the world's most powerful supercomputers and a rooftop observatory.

## Programme structure

Most of your time will be spent on research, but you'll also have lectures and seminars. There will be opportunities to attend short courses or summer schools too, such as Institute of Physics workshops and Nato Advanced Study Institutes.

"I would definitely recommend Physics and Astronomy at Southampton as a great place to study. The staff are experienced, the research is internationally recognised, and they have a wealth of connections with other universities and organisations."

**Declan Millar**

PhD Particle Physics, final year

## Research groups

Astronomy

Quantum, Light and Matter

Southampton High-Energy Physics

The Southampton Theory, Astronomy and Gravitation Institute

Space Environment Physics

# SHARING YOUR PASSION



"The University has a strong public engagement community which has led me to develop great relationships and explore the possibilities of science communication. Communicating my research alongside my PhD has really enhanced my postgraduate experience; I frequently give public talks and have demonstrated at the Royal Society's Summer Science Exhibition and London Science Museum. I also use Instagram and YouTube; I want to show people that science is for everyone."

**Emma Osborne**

PhD Mathematics, third year