

BSc in Physics with Astronomy
Honours Bachelor Degree

What's Unique?

- **Personal attention from highly qualified and accessible staff**
- **International astronomy field-trip and scholarship opportunities**
- **Ideal preparation for the rapidly changing modern technological work environment**

How You Fit the Course

The oldest of the sciences, astronomy is an almost boundless field, encompassing aspects of physics, astronomy, astrophysics, and the growing field of space science and technology.

Along with the fundamentals of physics and astronomy, the Physics with Astronomy degree's curriculum includes optics, high-end computing and image processing.

Over the four years of this course you'll have the chance to learn about observational astronomy and the instruments and techniques used to study the stars, and can look forward to working with real astronomical data from a variety of telescopes and observatories worldwide. Throughout, there is an emphasis on laboratory experience and you'll have the opportunity to collaborate with professional DCU astronomers whose work is at the forefront of international astronomical research.

Careers

You'll find opportunities in a wide range of business, scientific and industrial sectors, in the areas of physics, astronomy and space science. Potential careers include those in:

- Research and development
- Meteorology
- Image processing and analysis
- Signal acquisition instrumentation
- Optical instrumentation, photonics design and validation
- Statistical analysis
- Software engineering

You may also choose to pursue postgraduate studies (MSc or PhD) in physics or astronomy.

Apply

Entry to BSc in Physics with Astronomy is exclusively via DC175, Physics General Entry.

Years

4

Internship
Yes

Delivery
Mode
Full Time