



Astronomy

It's out there.

The universe is vast and mysterious. There's so much we don't know and so much to discover. The answers are out there, somewhere – will you be the one to find them?

Study astronomy at UC and explore extraordinary things like:

- planets orbiting distant Milky Way stars
- gravitational lensing, stellar astrophysics, neutrino astronomy and more
- the sun, our solar system and beyond

“I love learning how the universe works – from how it's structured down to subatomic particles.”

– Jade, studying towards a BSc in Astronomy



Why astronomy?

Astronomy is an exciting field with many amazing and unexpected discoveries being made. It's helping answer some of life's biggest mysteries like, where we came from, where we're heading and what else is out there.

If you're curious about the unknown and have a deep desire to understand the wonders of the universe, try astronomy – who knows what you'll discover!

Where can it take me?

An astronomy degree opens up a world of career opportunities – from science and engineering to meteorology, geophysics and medicine.

It develops a valuable set of transferable skills – maths, computing, critical thinking, problem-solving, data analysis and modelling, imagination– that you can apply to many roles, particularly those involving analysis of real data.



Why UC Science?

At UC Science you decide where you're going – our job is to help you get there.

We offer heaps of options and flexibility, state-of-the-art facilities, amazing research opportunities (in the lab and the field), and passionate, world-recognised lecturers. Our campus is friendly, compact and based just on the edge of Christchurch city.

BSc Astronomy – what you need to know

Entry requirements

University Entrance or equivalent

Level of study

Undergraduate

Useful Year 13 subjects

Maths, physics

Start date

February

Length of study

3 years

Degree content includes: Astrophysics, dynamical astronomy, electromagnetism, photometry and spectroscopy, planet searching, waves and thermal physics, and the structure and evolution of stars, galaxies and the universe.

Career options: Astronomer, computing and information technologist, engineer, geophysicist, material technologist, medical physicist, meteorologist, patent agent, scientist.

Find out more: www.phys.canterbury.ac.nz

Ask us about fast-track to second year for high-achievers, extra support to meet entry requirements, catch-up courses for new students and double-degree options.



Choose science. Change the world.

Start now. www.science.canterbury.ac.nz