

Tools for change.

Computer science puts people at the heart of technology. It's about analysing problems and coming up with solutions that have a positive impact on society.

Study Computer Science at UC and you can:

- develop and evaluate algorithms that underpin innovative products
- design fast, reliable, secure and scalable systems that help people work better
- create new software and technologies that improve people's lives

“Knowing my research could help benefit the public makes it very meaningful.”

– Sasha, computer science graduate and wireless communications researcher



Why computer science?

Computer science is a fast-paced area that will allow you to unlock your creative potential.

You'll work on fun and rewarding projects that can improve and enhance our lives – from educational computer games to robotics and wireless transport networks.

Where can it take me?

As a computer science graduate, you'll have a valuable set of technical, analytical and creative skills that can open doors all over the world – from government agencies to Google.

It's not just computing. You can apply your skills to anything that uses computer systems – education, computer graphics, forensics and more. Your options are wide open.



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 Computer Science – what you need to know

Entry requirements

University Entrance or equivalent

Level of study

Undergraduate

Useful Year 13 subjects

Computer science, maths

Start date

February

Length of study

3 years

Degree content includes: Artificial intelligence, augmented reality, communications and networks, computer vision, graphics operating systems, information systems, interaction design, programming, security, software design.

Career options: Analyst, artificial intelligence, computer forensics, computer graphics, cyber security, embedded systems, games developer, GIS analyst, IT, network administrator, robotics, webmaster.

Find out more: www.csse.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.