Turning data into insight.

Data is everywhere. The data we generate is growing exponentially and increasing in complexity day by day. Data science is helping us make sense of it.

Study data science at UC and you will:

- study at the forefront of modern practices surrounding big data
- learn how to extract information and value from data to inform decisions
- study issues in the digital world – from ethics to strategy and security

"Data science is a great opportunity for me to broaden my understanding in healthcare via data analysis."

– Ivy, currently studying data science

Why data science?

Data science combines the power of mathematics, statistics and computer science to extract the value from complex data. As a data scientist you'll be in demand for your ability to manage and analyse large sets of data. Study data science and be at the forefront of technical innovation in the digital world.

Where can it take me?

Data science is one of the most essential and employable professions of the 21st century. Our graduates go on to work in technology companies, consulting and research firms, healthcare, finance and insurance, science organisations, start-up businesses, and government agencies.

If you're creative, inquisitive, and interested in science and technology, then this degree could be a great fit.

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 Data Science – what you need to know

Entry requirements
University Entrance or equivalent

Start date
February

Level of study
Undergraduate

Length of study
3 years

Useful Year 13 subjects
Calculus, statistics

Degree content includes: Artificial intelligence, big data computing and systems, computer programming, data analysis, data mining, data wrangling, database systems.

Career options: Analytics office, big data developer, business analyst, data analyst, data engineer, data scientist, database coordinator, entrepreneur, insights analyst, intelligence advisor, technical or project analyst.

Find out more: www.math.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.

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