

Work it out.

Mathematics is more than numbers. It's a powerful tool that uses logic, simulation and experimentation to reveal the truth about our world and beyond.

Study mathematics at UC and learn how to:

- think logically about complex problems
- reveal hidden patterns and connections to understand our world
- clearly communicate correct and well-structured arguments

“A maths degree has allowed me to consider many possible careers and made me stand out to employers.”

– Katy Bergstrom, maths graduate and PhD student at Stanford University, USA



Why mathematics?

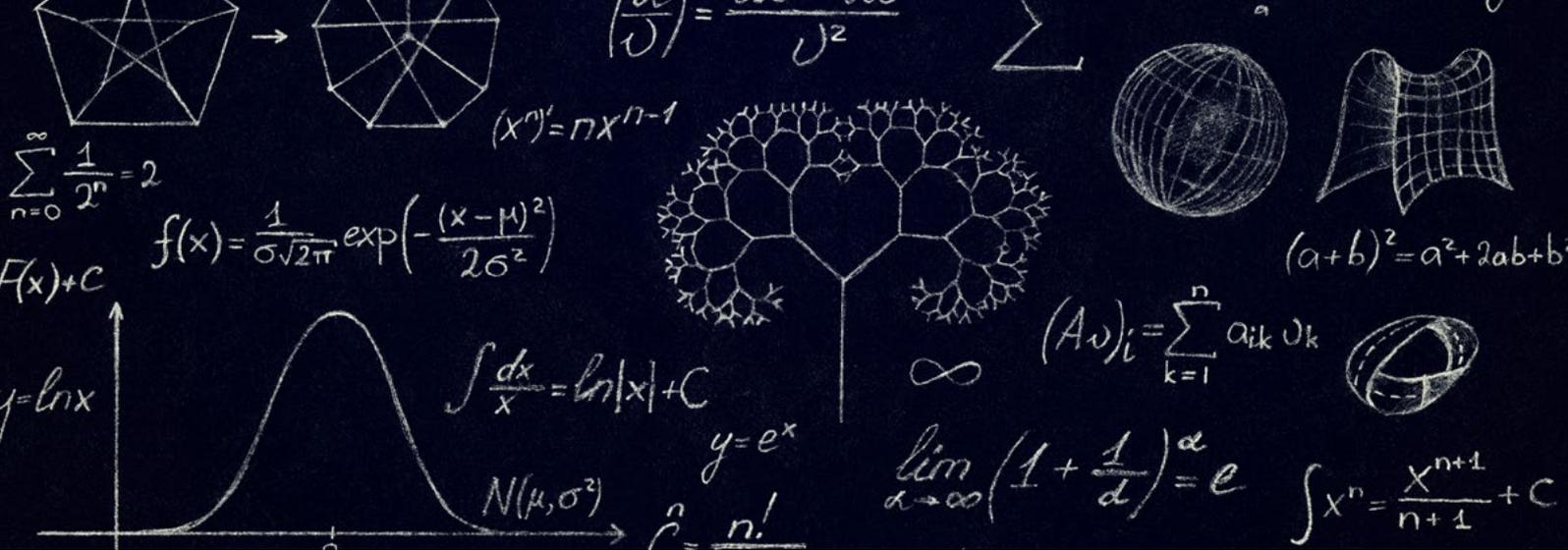
Mathematics is about understanding patterns and structure. It's a diverse discipline that deals with everything from data, measurements and observations to human behaviour and social systems.

Mathematics can help you reveal hidden patterns, test assumptions, find the truth under layers of complexity and solve problems no one else can.

Where can it take me?

A mathematics degree can open doors to many career opportunities, including business, finance, medicine and engineering. The skills you gain—analysis, problem solving, logical thinking—are highly sought after by employers all over the world.

By combining mathematics with other subject areas such as physics or economics, you can enhance your options further and gain the competitive edge.



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 Mathematics – what you need to know

Entry requirements

University Entrance or equivalent

Level of study

Undergraduate

Useful Year 13 subjects

Calculus, statistics

Start date

February

Length of study

3 years

Degree content includes: Analysis, computational mathematics and applications, cryptography, discrete mathematics, dynamical systems, linear algebra, mathematical modeling, and statistics.

Career options: Analysis, banking, computing, consulting, education, economics, finance, IT, insurance, market research, operations management, scientific research, teaching.

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.



Choose science. Change the world.

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