

Money meets maths.

Financial engineering is where finance meets maths. Financial engineers design and develop financial products, portfolios, markets and regulations.

Study financial engineering at UC and learn:

- how financial markets work and how to manage financial risk
- to identify market opportunities and optimise investment strategies
- to design financial and actuarial products

“I love that I’m doing maths, statistics, computer science and finance. The diversity makes it more enjoyable.”

– Bianca, studying towards a BSc in Financial Engineering



Why financial engineering?

Financial engineering applies mathematical and statistical methods to solve problems in finance.

There is big employer demand and international growth in financial engineering and related fields like the wider actuarial and business analytics industries. This is the only programme of its kind in New Zealand.

Where can it take me?

Financial engineering is a challenging and technical degree with flexible career opportunities.

Graduates are found working in fields such as banking, investment, capital industries, security, data analysis, risk management and insurance. They can work in private or public sectors, as investment brokers, actuaries and statisticians.



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 Financial Engineering – 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: Business finance, computer programming, computer science, economics, financial economics, financial markets, mathematics, software engineering, and statistics.

Career options: Actuary, entrepreneur, financial engineer, financial trader, investment broker, investment trader, share broker, or risk, investment and business 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.



Choose science. Change the world.

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

