

# Master of Science (MSc) Postgraduate Diploma in Science (PGDipSc) College of Science

## Key facts about the programme

- 1 Pathway into more advanced study
- 2 Conduct independent and original research
- 3 More than 20 specialist subjects to choose from



## What does this programme cover?

The MSc and PGDipSc offers the opportunity to undertake in-depth study in a special interest subject. There are over 25 subjects available to study.

- Antarctic Studies
- Astronomy
- Biochemistry
- Biological Sciences
- Cellular and Molecular Biology
- Chemist
- Child and Family Psychology
- Computer Science
- Ecology
- Economics
- Environmental Science
- Geography
- Mathematics
- Medical Physics
- Microbiology
- Philosophy
- Physics
- Psychology
- Statistics

The diploma is primarily coursework-based. This qualification is an ideal pathway into more advanced study. UC offers a number of scientific master's programmes as well as a Doctor of Philosophy. Master's and PhD students conduct independent research

## What are the entry requirements?

- A relevant bachelor's degree with a UC equivalent B+ average
- Dean of Science approval

## Special entry conditions

Undergraduate field courses normally required.

## AT A GLANCE

### Start Dates

February  
July

### Months to Complete

MSc .....24 months  
PGDipSc .....12 months  
these timeframes are for fulltime study. There may be the opportunity to study part-time.

### Features

Fieldwork .....Yes  
Labs .....Yes

### Price for 2020\*

MSc .....\$7,387 - \$8,599 per 120 points  
PGDipSc .....\$7,387 - \$8,599

### Scholarship

Scholarships are available for postgraduate students. For more information go to <https://www.canterbury.ac.nz/get-started/scholarships/>

\*The price (tuition fee) is indicative for 2020 and varies per 120 points.



### Student Profile

“I love working with plants and microbes and learning about the cool techniques used to study various aspects of plant physiology and molecular biology. Plant biotechnology uses cutting-edge technology in researching plants that are genetically engineered or modified especially for high yields, stress tolerance and disease management.”

#### Anish Shah

Bachelor of Science in Biological Sciences  
Master of Science in Biotechnology  
PhD student, Lincoln University



### Graduate Profile

“Whilst living in Aceh (in Indonesia) I experienced the rebuild of a region rife with corruption but also full of passionate people willing to make bold choices for their country. This inspired me to gain internationally recognised skills transferable to the geothermal energy sector – an industry with huge potential for sustainable resource use worldwide.”

#### Joanna Pawson

Bachelor of Science in Geology  
Master of Science in Geology  
Graduate Engineering Geologist, Coffey Geotechnics

### What careers can this lead to?

Postgraduate study can bring many career benefits including higher starting salaries and progression rates. Science graduates are highly employable and ideally suited to the knowledge economy. They have general and specialised subject knowledge and are also experts in problem solving, teamwork and communication.

PGDipSc graduates go on to careers in:

- Research
- Business
- Industry
- Education
- Environmental science
- Health

### Average starting salary

\$60,000 with master’s degree.

### Average salary by year 5

\$85,000 with master’s degree.

This information was correct at time of printing: July 2019.

### Enrolment information

#### How to apply

Apply online through myUC:  
<https://myuc.canterbury.ac.nz>

#### When to enrol

Applications need to be in 5 weeks before the programme starts.

#### Who to contact

College of Science  
+64 3 369 4141  
[collegeofscience@canterbury.ac.nz](mailto:collegeofscience@canterbury.ac.nz)  
[www.canterbury.ac.nz/science](http://www.canterbury.ac.nz/science)

### Why UC?

- QS Top 150 Geography, Earth and Marine Sciences
- QS Top 200 Environmental Sciences
- Network of field and research stations
- Ernest Rutherford Centre
- Home to numerous research institutes and centres, laboratories and clinics
- Industry partnerships
- Dedicated career support unit



### Purpose-built innovation

The brand new Ernest Rutherford building positions UC students and staff at the forefront of contemporary science.

With the most modern university science and research facilities in the southern hemisphere, postgraduates will have access to:

- State-of-the-art labs
- Built-in technologies
- A postgraduate study suite
- Informal social spaces
- Community/industry events