

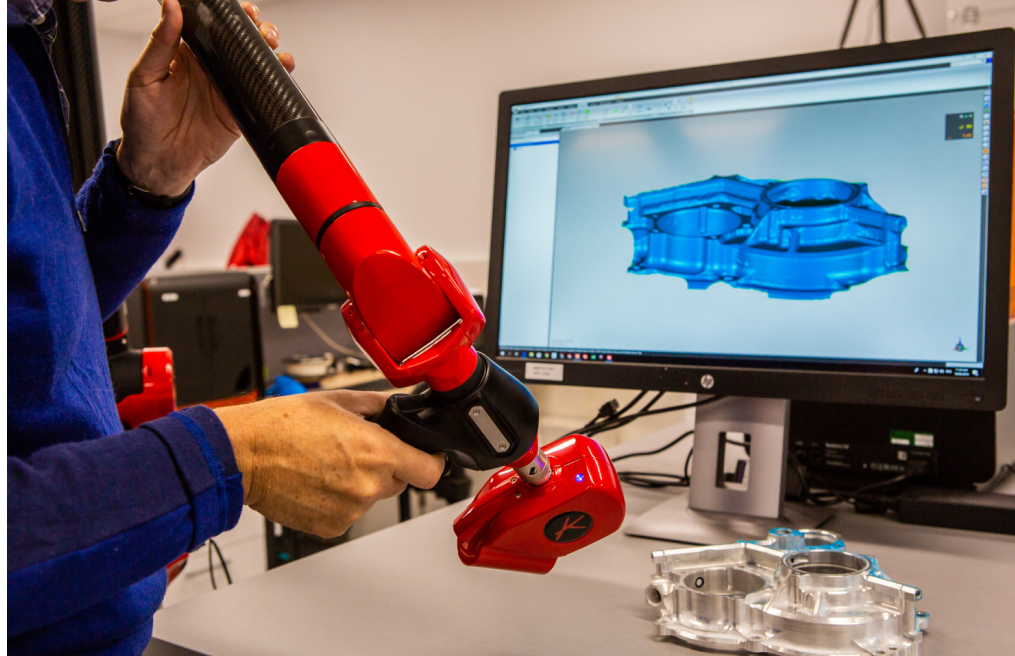
Master of Engineering Studies (MEngSt) Mechanical Engineering College of Engineering



**THE
WORLD'S
BEST
CHOICE**

Key facts about the programme

- 1 Internationally recognised postgraduate degree
- 2 Diverse course offerings
- 3 Opportunities for independent studies
- 4 World-class professors with ties to industry



What does this programme cover?

The degree programme covers a range of advanced mechanical engineering subjects, delivered as taught courses, or studied as individual projects and special topics under the supervision of the department's professors.

1. Vibrations and acoustics
2. Linear systems control and system identification
3. aerodynamics and ground vehicle dynamics
4. Energy systems engineering
5. Engineering product design and analysis
6. Materials science and engineering
7. Physiological Modelling
8. Mechanical System Design
9. Mechanical Vibrations and Acoustics of Continuous Systems
10. Robotics
11. Heat and Mass Transfer

12. Composite, Polymeric and Ceramic Materials
13. Engineering Management and Professional Practice for Mechanical Engineers
14. Biological Fluid Dynamics
15. Instrumentation and Sensors
16. Propulsion

What are the entry requirements?

- 4 Year BE(Hons) First or Second Class or
- BSc(Hons) First or Second Class in appropriate subjects
- Postgraduate Certificate in Engineering with a GPA of 5 or more

English	Overall	Lowest Band
IELTS	6.5	6.0
TOEFL	90	19 writing
Pearson	58	50 communicative skills

AT A GLANCE

Start Dates

February or July

Months to Complete

MEngSt12 Months

Features

Project..... Possibly
Internship option No

Tuition Fees*

MEngSt \$42,000

Scholarships

For more information on scholarships go to www.canterbury.ac.nz/get-started/scholarships/
*The price (tuition fee) is indicative for 2020.



Student Profile

Anurag has long developed an appreciation for the subject as a precise and creative form of engineering.

'The field of study is all practical, I can see almost everything happening. There are no assumptions or theories. It is all just intense study of the material properties and designing and lateral thinking abilities to solve a problem.'

'Plastic Injection moulded parts are everywhere – from medical devices to aerospace parts everything has an injection moulded part. Improving these parts can benefit society directly,' he says. 'A PhD in this field can help me achieve my dream of working as an R&D engineer and give back something to society as well.'

When it came to choosing a location for his studies, Anurag looked for the best option for his academic pursuits and love for outdoor hobbies.

'I had always heard that people are very warm and welcoming in New Zealand; couple that with a world-class research institute like UC and the outdoor activities Christchurch

Anurag Bagalkot

Master of Engineering Studies with an endorsement in Mechanical Engineering

Studying towards a PhD in Mechanical Engineering

Special entry conditions

- B Average
- Two reference letters

What careers can this lead to?

Industrial engineer, Research, Project Engineer and engineering consultant, in fields like product design, power generation, transport, bio-medical technology, building services,

Average starting salary

\$60,000 with masters degree.

Average salary by year 5

\$70,000 with masters degree.

Enrolment information

How to apply

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

When to enrol

Courses start throughout the year and run in block mode.

Who to contact

Contact the department
christine.walker@canterbury.ac.nz

Important information

Refer to our website for more information on:

- The University of Canterbury
- Christchurch as a study destination
- Student visa and insurance

www.canterbury.ac.nz/international

This information was correct at May 2020.

AT A GLANCE

Why New Zealand?

- Within Top 7 in the world for Overall Prosperity, Natural Environment, and Social Capital
- Within Top 13 in the world for Education, Personal Freedom, and Safety & Security

Why Christchurch?

- Largest city in the South Island
- Ranked 65th in the world for Best Student Cities
- Lowest unemployment rate in Australasia
- Strong Economy

Why the University of Canterbury

- QS Ranked 227
- 26 Subjects ranked in the top 250
- Residential campus
- 3000+ Employer connections
- 35 Research Centres

Source: www.prosperity.com/globe/new-zealand