



TAKE THE FAST PATH INTO Engineering and Product Design degrees at the University of Canterbury

It's a three-stage path.
Courses offer blended learning,
with part-time and flexible options in
stages 1-2. You'll receive appropriate course
advice based on your performance at each stage.

STAGE 1

Hagley College After 3 programme

- Level 2 NCEA Physics and Mathematics integrated course
- Level 2 NCEA Maths [recommended to build the maths depth needed for success in UC Engineering]. Both courses delivered by Hagley College staff.
- You'll be offered the opportunity to visit UC and be introduced to Product Design and Engineering people and spaces.

Pre-requisite:

- Level 1 NCEA Math
- Algebra fundamentals req (eg: AS91027)

STAGE 2

CUP [Certificate of University Preparation] programme

- A choice of pre-degree courses in Mathematics, Physics or Chemistry available in summer school 2021.
- Delivered by UC Transitions Programmes on the UC campus or by distance learning (full-time or part-time options will depend on your competencies). You'll receive a blended experience of online and face-to-face delivery.

STAGE 3

First Year Engineering or Product Design

- Student advisers in the College of Engineering at UC will design customised first year course of study based on your Stage 1 and 2 performance and your future aspirations. There are 9 engineering and 3 product design disciplines to choose from.
- Delivered by UC College of Engineering. This will be the start of your full-time degree study.
- Work experience will be taken into account.

PROGRAMME FEATURES

- **Support:** advice and guidance from early on in your pathway about your study options and the demands and expectations, particularly in Mathematics.
- **Skill development:** during stage 1 and 2, you'll be encouraged to develop study habits and strategies for success at degree level.
- **Connections:**
 - Grow an established network of fellow students through the cohort progressing together.
 - Throughout the stages of the pathway you'll be introduced to, and become increasingly familiar with, UC Campus and people.

START FIRST YEAR ENGINEERING/ PRODUCT DESIGN

AT UC IN
SEM 1 2021





STAGE 1

JULY – MID NOV '20

DELIVERY
Hagley College

COURSE

Maths and Physics Integrated: starts Wednesday 22 July 5pm to 9pm face-to-face delivery, with two additional hours of online learning. Concludes 11 November

Maths: starts Tuesday 21 July 6pm to 9pm face-to-face delivery, one additional tutoring hour. Concludes 10 November

Physics NCEA exam:
16 November
Maths NCEA exam:
19 November

LEVEL
NCEA Level 2

STAGE 2

4 JAN – 12 FEB '21

DELIVERY
UC Transition Programmes: CUP

COURSE
TRNS017 Maths with Calculus
TRNS008 Fundamentals of Physics

TRNS008 Fundamentals of Physics
TRNS006 Chemistry: An introduction to atoms, bonding, and reactions

LEVEL
Pre-degree

ELIGIBILITY: Those aged 20+ considering a change in career, perhaps as a result of the impact of COVID-19.

STAGE 3

22 FEB – DEC '21

DELIVERY
UC College of Engineering

DEGREES
BE (Hons) 1st Year
BProdDesign 1st Year

LEVEL
Degree:
Year 1

ENROLMENT INFO

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