

# Best preparation for university study

## What Year 13 subjects should I take at school?

This is for indicative purposes as a best prep guide only.

Prerequisites may differ. For details of minimum course prerequisites please see the UC website or speak with your UC Future Student Advisor for more details.

A good standard of oral and written communication is important for all UC degrees. Te Reo Māori and Te Reo Rangatira are useful for all UC degrees.

✓✓ Strongly recommended    ✓ Recommended

Majors and Disciplines with specific entry requirements	Year 13 Subjects					
	Chemistry	Digital Technologies and Hangarau Matihiko	Mathematics	Music	Physics	Practical Arts Subjects
<b>Astronomy</b> (Bachelor of Science)		✓✓	✓✓ (Calculus)		✓✓	
<b>Biochemistry</b> (Bachelor of Science)	✓✓		✓			
<b>Chemistry</b> (Bachelor of Science)	✓✓					
<b>Computer Science</b> (Bachelor of Science)		✓✓	✓✓ (Calculus)			
<b>Data Science</b> (Bachelor of Data Science)		✓✓	✓✓			
<b>Economics</b> (Bachelor of Arts, Bachelor of Commerce and Bachelor of Science)			✓			
<b>Engineering</b> (Bachelor of Engineering with honours) • Chemical and Process • Civil • Forest • Mechanical	✓✓	✓✓	✓✓ (Calculus)		✓✓	
<b>Engineering</b> (Bachelor of Engineering with honours) • Computer • Electrical and Electronic • Mechatronics • Software		✓✓	✓✓ (Calculus)		✓✓	
<b>Finance</b> (Bachelor of Commerce and Bachelor of Science)			✓✓ (Calculus)			
<b>Music</b> (Bachelor of Music)				✓✓		
<b>Financial Engineering</b> (Bachelor of Science)		✓✓	✓✓ (Calculus)			
<b>Mathematics</b> (Bachelor of Arts and Bachelor of Science)			✓✓			
<b>Physics</b> (Bachelor of Science)		✓✓	✓✓ (Calculus)		✓✓	
<b>Fine Arts</b> (Bachelor of Fine Arts)						✓✓
<b>Statistics</b> (Bachelor of Arts and Bachelor of Science)			✓✓			

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Degrees	Year 13 Subjects								
	Business Studies & associated subjects	Design & Technology subjects	English-rich subjects*	Health Education	Mathematics (Includes Calculus or Statistics)	Music	Physical Education	Practical Arts Subjects	Science Subjects
<b>Ako: Bachelor of Teaching and Learning</b> Ako:BTchLn			✓		✓				
<b>Bachelor of Arts</b> BA			✓						
<b>Bachelor of Commerce</b> BCom	✓				✓				
<b>Bachelor of Communication</b> BC			✓						
<b>Bachelor of Criminal Justice</b> BCJ			✓						
<b>Bachelor of Digital Screen with Honours</b> BDigiScreen(Hons)	✓	✓	✓		✓	✓		✓	
<b>Bachelor of Environmental Science with Honours</b> BEnvSci(Hons)					✓ (Statistics)				✓
<b>Bachelor of Forestry Science</b> BForSc					✓				✓
<b>Bachelor of Health</b> BHLth			✓	✓	✓				✓
<b>Bachelor of Laws</b> LLB			✓						
<b>Bachelor of Product Design</b> BProdDesign		✓			✓				✓
<b>Bachelor of Psychological Science</b> BPsyscSc	A passion for learning about human psychology and behaviour or in supporting mental wellbeing is the best preparation								
<b>Bachelor of Science</b> BSc					✓				✓
<b>Bachelor of Social and Environmental Sustainability</b> BSEnS			✓						✓
<b>Bachelor of Social Work with Honours</b> BSW(Hons)			✓						
<b>Bachelor of Speech and Language Pathology with Honours</b> BSLP(Hons)			✓		✓				✓
<b>Bachelor of Sport</b> BSport			✓				✓		✓
<b>Bachelor of Youth and Community Leadership</b> (BYCL)	No particular subjects required								

\*English-rich subjects include: Classical Studies, English, Geography, History, History of Art, Media Studies, Religious Studies

Note: See overleaf for Bachelor of Data Science, Bachelor of Engineering with Honours, Bachelor of Environmental Science with Honours, Bachelor of Fine Arts, Bachelor of Music

### University Entrance

To be awarded UE, you need:

- NCEA Level 3
- 14 credits at Level 3 in each of three approved subjects
- 10 Literacy credits at Level 2 or above, made up of:
  - 5 credits in reading
  - 5 credits in writing.
- 10 Numeracy credits at Level 1 or above, made up of:
  - co-requisite Level 1 Numeracy unit standard 32406 or Te Pāngarau unit standard 32412, or
  - certain achievement standards.

- **To qualify via CIE** (gained in New Zealand) you will need:
  - A minimum of 120 points at A or AS level across your top three approved subjects achieved over the last two years of study.
  - D grade or above in each of at least three of those subjects
  - UE CIE Literacy requirements (E grade or above in AS Level English Language, Literature in English or Language and Literature in English)
  - UE CIE Numeracy requirements (D grade or above in IGCSE or GCSE mathematics, or E grade or above in AS Level mathematics)
- **To qualify via IB** you will need the IB Diploma with a minimum of 24 points

### Don't meet the requirements for a specific UC Degree?

Speak with your UC Future Student Advisor about the pathways available for you.

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canterbury.ac.nz/future-students