

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
Astronomy (Bachelor of Science)		✓✓	✓✓ (Calculus)		✓✓	
Biochemistry (Bachelor of Science)	✓✓		✓			
Chemistry (Bachelor of Science)	✓✓					
Computer Science (Bachelor of Science)		✓✓	✓✓ (Calculus)			
Data Science (Bachelor of Data Science)		✓✓	✓✓			
Economics (Bachelor of Arts, Bachelor of Commerce and Bachelor of Science)			✓			
Engineering (Bachelor of Engineering with honours) • Chemical and Process • Civil • Forest • Mechanical	✓✓	✓✓	✓✓ (Calculus)		✓✓	
Engineering (Bachelor of Engineering with honours) • Computer • Electrical and Electronic • Mechatronics • Software		✓✓	✓✓ (Calculus)		✓✓	
Finance (Bachelor of Commerce and Bachelor of Science)			✓✓ (Calculus)			
Financial Engineering (Bachelor of Science)		✓✓	✓✓			
Music (Bachelor of Music)				✓✓		
Mathematics (Bachelor of Arts and Bachelor of Science)			✓✓			
Physics (Bachelor of Science)			✓✓ (Calculus)		✓✓	
Fine Arts (Bachelor of Fine Arts)						✓✓
Statistics (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
Ako: Bachelor of Teaching and Learning Ako:BTchLn			✓		✓				
Bachelor of Arts BA			✓						
Bachelor of Commerce BCom	✓				✓				
Bachelor of Communication BC			✓						
Bachelor of Criminal Justice BCJ			✓						
Bachelor of Digital Screen with Honours BDigiScreen(Hons)	✓	✓	✓		✓	✓		✓	
Bachelor of Environmental Science with Honours BEnvSci(Hons)					✓ (Statistics)				✓
Bachelor of Forestry Science BForSc					✓				✓
Bachelor of Health Sciences BHSc			✓	✓	✓				✓
Bachelor of Laws LLB			✓						
Bachelor of Product Design BProdDesign		✓			✓				✓
Bachelor of Psychological Science BPsycSc	A passion for learning about human psychology and behaviour or in supporting mental wellbeing is the best preparation								
Bachelor of Science BSc					✓				✓
Bachelor of Social and Environmental Sustainability BSEnS			✓						✓
Bachelor of Social Work with Honours BSW(Hons)			✓						
Bachelor of Speech and Language Pathology with Honours BSLP(Hons)			✓		✓				✓
Bachelor of Sport BSport			✓				✓		✓
Bachelor of Youth and Community Leadership (BYCL)	No particular subjects required								

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

University Entrance

University Entrance (UE) is the minimum requirement to go to a New Zealand university

- To qualify via NCEA you will need:
 - NCEA Level 3
 - Three approved subjects at Level 3, with a minimum of 14 credits in each
 - UE Literacy requirements (10 credits at Level 2 or above from a specified list of standards)
 - UE Numeracy requirements (10 credits at Level 1 or above)

- 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