

Best preparation for university study

What Year 13 subjects should I take at school?

This is for indicative purposes only. Speak with your UC Liaison Officer for more details

UC Degrees – A good standard of oral and written communication is important for all UC degrees. ✓✓✓ Essential ✓✓ Highly Recommended ✓ Useful

<p>Bachelor of Arts (BA)</p> <ul style="list-style-type: none"> ✓ English, Te Reo Māori, Te Reo Rangatira, Geography, Classical Studies, History, Economics 	<p>Bachelor of Commerce (BCom)</p> <ul style="list-style-type: none"> ✓ Statistics, Economics, Accounting, Business Studies, Te Reo Māori, Te Reo Rangatira 	<p>Bachelor of Engineering with Honours (BE(Hons))</p> <ul style="list-style-type: none"> • Computer Engineering • Electrical and Electronic Engineering • Mechatronics Engineering • Software Engineering <p>Direct Entry applications for 2nd year Engineering programmes will be considered only if students have completed MATH199 and achieved the specific high results advised. Both Differentiation and Integration standards are compulsory for Calculus.</p> <ul style="list-style-type: none"> ✓✓✓ Physics 14 credits (18 credits recommended), Calculus 14 credits (18 credits recommended)
<p>Bachelor of Arts (BA) • Economics</p> <p>Calculus is only needed by students who wish to continue to honours in Economics.</p> <ul style="list-style-type: none"> ✓✓✓ Calculus ✓ Statistics, English, Te Reo Māori, Te Reo Rangatira, Geography, Classical Studies, History, Economics 	<p>Bachelor of Commerce (BCom) • Economics</p> <p>Calculus is only needed by students who wish to continue to honours in Economics</p> <ul style="list-style-type: none"> ✓✓✓ Calculus ✓ Statistics, Economics, Accounting, Business Studies 	
<p>Bachelor of Arts (BA) • English</p> <ul style="list-style-type: none"> ✓✓ English, Te Reo Māori, Te Reo Rangatira, ✓ Geography, Classical Studies, History, Economics 	<p>Bachelor of Commerce (BCom) • Finance</p> <ul style="list-style-type: none"> ✓✓✓ Calculus ✓✓ Statistics ✓ Economics, Accounting, Business Studies 	
<p>Bachelor of Arts (BA) • Languages</p> <ul style="list-style-type: none"> ✓ English, Te Reo Māori, Te Reo Rangatira, Geography, Classical Studies, Languages, History, Economics 	<p>Bachelor of Commerce (BCom) • International Business</p> <ul style="list-style-type: none"> ✓ Statistics, Languages, Economics, Accounting, Business Studies 	<p>Bachelor of Fine Arts (BFA)</p> <p>Excellent practical art ability is essential</p> <ul style="list-style-type: none"> ✓✓✓ Practical Arts Subjects ✓ Art History, Art Theory
<p>Bachelor of Arts (BA) • Mathematics</p> <ul style="list-style-type: none"> ✓✓✓ Calculus ✓✓ Statistics ✓ English, Te Reo Māori, Te Reo Rangatira, Geography, Classical Studies, History, Economics 	<p>Bachelor of Communication (BC)</p> <ul style="list-style-type: none"> ✓✓ English, Te Reo Māori, Te Reo Rangatira 	<p>Bachelor of Forestry Science (BForSc)</p> <ul style="list-style-type: none"> ✓ Chemistry (NCEA Level 2), Biology, Statistics, Te Reo Māori, Te Reo Rangatira
<p>Bachelor of Arts (BA) • Music</p> <ul style="list-style-type: none"> ✓✓ Music ✓ English, Te Reo Māori, Te Reo Rangatira, Geography, Classical Studies, History, Economics 	<p>Bachelor of Criminal Justice (BCJ)</p> <ul style="list-style-type: none"> ✓✓ English, Geography, Classical Studies, Drama, Te Reo Māori, Te Reo Rangatira, Languages, History, Economics, Art History ✓ Statistics 	<p>Bachelor of Health Science (BHSc)</p> <ul style="list-style-type: none"> ✓ Biology, Statistics, Health Education, Te Reo Māori, Te Reo Rangatira
<p>Bachelor of Arts (BA) • Social Science Subjects</p> <ul style="list-style-type: none"> ✓ Statistics, English, Te Reo Māori, Te Reo Rangatira, Geography, Classical Studies, History, Economics 	<p>Bachelor of Engineering with Honours (BE(Hons))</p> <ul style="list-style-type: none"> • Chemical and Process Engineering • Civil Engineering • Forest Engineering • Mechanical Engineering • Natural Resources Engineering <p>Direct Entry applications for 2nd year Engineering programmes will be considered only if students have completed MATH199 and achieved the specific high results advised. Both Differentiation and Integration standards are compulsory for Calculus.</p> <ul style="list-style-type: none"> ✓✓✓ Physics 14 credits (18 credits recommended), Chemistry 14 credits (18 credits recommended) Calculus 14 credits (18 credits recommended) 	<p>Bachelor of Health Science (BHSc) • Environmental Health</p> <ul style="list-style-type: none"> ✓✓✓ Chemistry, Te Reo Māori, Te Reo Rangatira ✓ Physics, Biology, Calculus, Statistics, Geography, Health Education
<p>Bachelor of Arts (BA) • Statistics</p> <ul style="list-style-type: none"> ✓✓✓ Calculus ✓✓ Statistics ✓ English, Te Reo Māori, Te Reo Rangatira, Geography, Classical Studies, History, Economics 		<p>Bachelor of Health Science (BHSc) • Māori and Indigenous Health</p> <ul style="list-style-type: none"> ✓ Biology, Statistics, Te Reo Māori, Te Reo Rangatira, Health Education
		<p>Bachelor of Health Science (BHSc) • Public Health</p> <ul style="list-style-type: none"> ✓ Biology, Statistics, Geography, Health Education, Te Reo Māori, Te Reo Rangatira
		<p>Bachelor of Laws (LLB)</p> <ul style="list-style-type: none"> ✓✓ English, Te Reo Māori, Te Reo Rangatira, Classical Studies, Drama, Languages, History, Economic, Art History

Bachelor of Music (MusB) ✓✓ Music
Bachelor of Music (MusB) • New Music Previous experience in the writing of your own music is required to study Notated Composition or Song-writing. Notated Composition requires good musical literacy and notation skills. For other technology-based New Music courses prior knowledge of notation is not essential. ✓✓✓ Music
Bachelor of Music (MusB) • Performance Music: A strong technique and repertoire in your performance area is essential. A strong theoretical knowledge is a significant advantage. ✓✓✓ Music
Bachelor of Product Design (BProdDesign) • Applied Immersive Game Design ✓✓ Science, Calculus, Statistics ✓ Design and Visual Communication, Digital Technologies & Technology
Bachelor of Product Design (BProdDesign) • Chemical Formulation Design ✓✓✓ Chemistry ✓✓ Science, Calculus, Statistics ✓ Design and Visual Communication, Digital Technologies & Technology
Bachelor of Product Design (BProdDesign) • Industrial Product Design ✓✓ Physics, Science, Calculus, Statistics ✓ Design and Visual Communication, Digital Technologies & Technology
Bachelor of Science (BSc) • Astronomy ✓✓✓ Physics, Calculus ✓ Chemistry, Statistics
Bachelor of Science (BSc) • Biochemistry ✓✓✓ Chemistry ✓ Physics, Biology, Calculus, Statistics
Bachelor of Science (BSc) • Biological Sciences: ✓ Physics, Chemistry, Biology, Calculus, Statistics

Bachelor of Science (BSc) • Chemistry ✓✓✓ Chemistry ✓ Physics, Biology, Calculus, Statistics
Bachelor of Science (BSc) • Computer Science ✓✓✓ Calculus ✓✓ Statistics, Programming and Computer Science
Bachelor of Data Science (BDataSc) ✓✓✓ Calculus ✓✓ Statistics, Computing
Bachelor of Environmental Science with Honours (BEnvSci(Hons)) Most important is a passion for the environment and our role as kaitiaki protectors of our natural world. ✓ Biology, Chemistry, Geography, Sustainability
Bachelor of Science (BSc) • Economics Calculus is only needed by students who wish to continue to honours in Economics. ✓✓✓ Calculus ✓ Statistics
Bachelor of Science (BSc) • Environmental Science ✓ Chemistry, Calculus
Bachelor of Science (BSc) • Finance ✓✓✓ Calculus ✓✓ Statistics
Bachelor of Science (BSc) • Financial Engineering ✓✓✓ Calculus ✓✓ Statistics, Programming and Computer Science, Digital Technologies & Technology
Bachelor of Science (BSc) • Geography ✓ Physics, Chemistry, Biology, Science, Geography
Bachelor of Science (BSc) • Geology ✓ Physics, Chemistry, Biology, Calculus, Statistics, Geography
Bachelor of Science (BSc) • Mathematics ✓✓✓ Calculus ✓ Statistics

Bachelor of Science (BSc) • Physics ✓✓✓ Physics, Calculus ✓ Chemistry, Statistics
Bachelor of Science (BSc) • Psychology ✓ Biology, Statistics
Bachelor of Science (BSc) • Statistics ✓✓✓ Calculus ✓✓ Statistics
Bachelor of Social Work (BSW) ✓ Statistics, English, Te Reo Māori, Te Reo Rangatira, Geography, Classical Studies, History Economics
Bachelor of Speech and Language Pathology with Honours (BSLP(Hons)) ✓✓ Science ✓ Biology, Statistics, Te Reo Māori, Te Reo Rangatira, Languages
Bachelor of Sport Coaching (BSpC) Community involvement, coaching, refereeing, people skills and experience in dealing with young people are very useful. ✓✓ English, Te Reo Māori, Te Reo Rangatira ✓ Biology, Physical Education
Bachelor of Teaching and Learning (Early Childhood) (BTchLn(EarlyChildhood)) Community involvement, people skills and experience in dealing with children are very useful. ✓✓ Calculus, Statistics, English, Te Reo Māori, Te Reo Rangatira
Bachelor of Teaching and Learning (Primary) (BTchLn(Primary)) Community involvement, people skills and experience dealing with children and/or young adolescents are very useful. ✓✓ Calculus, Statistics, English, Te Reo Māori, Te Reo Rangatira
Bachelor of Youth and Community Leadership (BYCL) Open to students from a range of interests or experience in leadership roles. No particular background study is required. A passion for: • Social change • Community work • and volunteering is the best preparation.

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 Liaison Officer about the pathways available for you.

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canterbury.ac.nz