

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

Bachelor of Arts (BA) ✓ English, Geography, Classical Studies, History, Economics	Bachelor of Commerce (BCom) ✓ Statistics, Economics, Accounting, Business Studies	Bachelor of Engineering with Honours (BE(Hons)) • Computer Engineering • Electrical and Electronic Engineering • Mechatronics Engineering • Software Engineering Direct Entry applications for 2 nd 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. ✓✓✓ Physics 14 credits (18 credits recommended), Calculus 14 credits (18 credits recommended)
Bachelor of Arts (BA) • Economics Calculus is only needed by students who wish to continue to honours in Economics. ✓✓✓ Calculus ✓ Statistics, English, Geography, Classical Studies, History, Economics	Bachelor of Commerce (BCom) • Economics Calculus is only needed by students who wish to continue to honours in Economics ✓✓✓ Calculus ✓ Statistics, Economics, Accounting, Business Studies	Bachelor of Fine Arts (BFA) Excellent practical art ability is essential ✓✓✓ Practical Arts Subjects ✓ Art History, Art Theory
Bachelor of Arts (BA) • English ✓✓ English ✓ Geography, Classical Studies, History, Economics	Bachelor of Commerce (BCom) • Finance ✓✓✓ Calculus ✓✓ Statistics ✓ Economics, Accounting, Business Studies	Bachelor of Forestry Science (BForSc) ✓ Chemistry (NCEA Level 2), Biology, Statistics
Bachelor of Arts (BA) • Languages ✓ English, Geography, Classical Studies, Languages, History, Economics	Bachelor of Commerce (BCom) • International Business ✓ Statistics, Languages, Economics, Accounting, Business Studies	Bachelor of Health Science (BHSc) ✓ Biology, Statistics, Health Education
Bachelor of Arts (BA) • Mathematics ✓✓✓ Calculus ✓✓ Statistics ✓ English, Geography, Classical Studies, History, Economics	Bachelor of Communication (BC) ✓✓ English	Bachelor of Health Science (BHSc) • Environmental Health ✓✓✓ Chemistry ✓ Physics, Biology, Calculus, Statistics, Geography, Health Education
Bachelor of Arts (BA) • Music ✓✓ Music ✓ English, Geography, Classical Studies, History, Economics	Bachelor of Criminal Justice (BCJ) ✓✓ English, Geography, Classical Studies, Drama, Te Reo Māori, Languages, History, Economics, Art History ✓ Statistics	Bachelor of Health Science (BHSc) • Māori and Indigenous Health ✓ Biology, Statistics, Te Reo Māori, Health Education
Bachelor of Arts (BA) • Social Science Subjects ✓ Statistics, English, Geography, Classical Studies, History, Economics	Bachelor of Engineering with Honours (BE(Hons)) • Chemical and Process Engineering • Civil Engineering • Forest Engineering • Mechanical Engineering • Natural Resources Engineering Direct Entry applications for 2 nd 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. ✓✓✓ Physics 14 credits (18 credits recommended), Chemistry 14 credits (18 credits recommended) Calculus 14 credits (18 credits recommended)	Bachelor of Health Science (BHSc) • Public Health ✓ Biology, Statistics, Geography, Health Education
Bachelor of Arts (BA) • Statistics ✓✓✓ Calculus ✓✓ Statistics ✓ English, Geography, Classical Studies, History, Economics	Bachelor of Laws (LLB) ✓✓ English, Classical Studies, Drama, Te Reo Māori, Languages, History, Economic, Art History	

Bachelor of Music (MusB) ✓✓ Music	Bachelor of Science (BSc) • Chemistry ✓✓✓ Chemistry ✓ Physics, Biology, Calculus, Statistics	Bachelor of Science (BSc) • Psychology ✓ Biology, Statistics
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 Science (BSc) • Computer Science ✓✓✓ Calculus ✓✓ Statistics, Programming and Computer Science	Bachelor of Science (BSc) • Statistics ✓✓✓ Calculus ✓✓ Statistics
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 Science (BSc) • Data Science ✓✓✓ Calculus ✓✓ Statistics, Computing	Bachelor of Social Work (BSW) ✓ Statistics, English, Geography, Classical Studies, History Economics
Bachelor of Music (MusB) • Applied Immersive Game Design ✓✓ Science, Calculus, Statistics ✓ Design and Visual Communication, Digital Technologies & Technology	Bachelor of Science (BSc) • Economics Calculus is only needed by students who wish to continue to honours in Economics. ✓✓✓ Calculus ✓ Statistics	Bachelor of Speech and Language Pathology with Honours (BSLP(Hons)) ✓✓ Science ✓ Biology, Statistics, Te Reo Māori, Languages
Bachelor of Product Design (BProdDesign) • Chemical Formulation Design ✓✓✓ Chemistry ✓✓ Science, Calculus, Statistics ✓ Design and Visual Communication, Digital Technologies & Technology	Bachelor of Science (BSc) • Environmental Science ✓ Chemistry, Calculus	Bachelor of Sport Coaching (BSpC) Community involvement, coaching, refereeing, people skills and experience in dealing with young people are very useful. ✓✓ English ✓ Biology, Physical Education
Bachelor of Product Design (BProdDesign) • Industrial Product Design ✓✓ Physics, Science, Calculus, Statistics ✓ Design and Visual Communication, Digital Technologies & Technology	Bachelor of Science (BSc) • Finance ✓✓✓ Calculus ✓✓ Statistics	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
Bachelor of Science (BSc) • Astronomy ✓✓✓ Physics, Calculus ✓ Chemistry, Statistics	Bachelor of Science (BSc) • Financial Engineering ✓✓✓ Calculus ✓✓ Statistics, Programming and Computer Science, Digital Technologies & Technology	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
Bachelor of Science (BSc) • Biochemistry ✓✓✓ Chemistry ✓ Physics, Biology, Calculus, Statistics	Bachelor of Science (BSc) • Geography ✓ Physics, Chemistry, Biology, Science, Geography	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.
Bachelor of Science (BSc) • Biological Sciences: ✓ Physics, Chemistry, Biology, Calculus, Statistics	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	

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.

liaison@canterbury.ac.nz

Freephone: 0800 VARSITY

canterbury.ac.nz