

Planning ahead—choosing school subjects

It pays to think about what you'd like to study at university when choosing your subjects at secondary school. Below is a list of subjects that are suggested for you to take in school if you want to study certain degrees and/or subjects. Even if you haven't studied a related subject at school, you can still enrol in your degree/major—we can give you advice about the best introductory courses to take.

Admission

You will be automatically accepted to your programme when you get University Entrance, and the Guaranteed Entry Score. Some degrees have additional admission requirements.

www.victoria.ac.nz/admission

Prerequisites

Some courses require a certain level of achievement (prerequisites) in particular NCEA Level 3 subjects, or their equivalents in CIE or IB. We offer introductory courses if you don't meet the prerequisites.

www.victoria.ac.nz/courses

Strongly recommended	Recommended	Extra information
Bachelor of Architectural Studies		
<ul style="list-style-type: none"> Calculus Physics Statistics 	<ul style="list-style-type: none"> English-rich subjects* 	<ul style="list-style-type: none"> If you do not have 14 NCEA Level 3 credits (or equivalent) in two of Calculus, Statistics or Physics, you will need to take SARC 122 (Introduction to Applied Physics, Numerical Methods and Statistics for Designers). No portfolio is required.
Bachelor of Arts		
	<ul style="list-style-type: none"> English-rich subjects* Depending on your major, it may be useful to have studied languages or Music 	<ul style="list-style-type: none"> All majors in the BA offer introductory courses and can be started at Victoria University. MUSC 160 is offered as an introductory course in Trimester 3.[^]
Bachelor of Biomedical Science		
<ul style="list-style-type: none"> Chemistry 	<ul style="list-style-type: none"> Biology Statistics 	<ul style="list-style-type: none"> CHEM 191 is offered as an introductory course in Trimester 3 for students without Level 2 or Level 3 Chemistry or equivalent.[^]
Bachelor of Building Science		
<ul style="list-style-type: none"> Calculus Statistics Physics 	<ul style="list-style-type: none"> English-rich subjects* Subjects in creative areas such as arts, Design or Graphics Technology 	<ul style="list-style-type: none"> If you do not have 14 NCEA Level 3 credits (or equivalent) in two of Calculus, Statistics or Physics, you will need to take SARC 122 (Introduction to Applied Physics, Numerical Methods and Statistics for Designers). No portfolio required.
Bachelor of Commerce		
	<ul style="list-style-type: none"> Accounting Economics English-rich subjects* Statistics 	<ul style="list-style-type: none"> All majors in the BCom offer introductory courses and can be started at Victoria University.
Bachelor of Design Innovation		
<p>If you wish to include a minor in Computer Science (for computer graphics)</p> <ul style="list-style-type: none"> Mathematics (preferably Calculus) 	<ul style="list-style-type: none"> Digital Technologies English-rich subjects* Subjects in the creative areas such as Art, Design and Graphics. 	<ul style="list-style-type: none"> If you don't have 14 credits at NCEA Level 3 (or equivalent) in an English-rich subject*, you will take an academic writing course (WRIT 101 or WRIT 151). MATH 132 is offered as an introductory course in Trimester 3 for students wanting to study Computer Graphics without a background in Mathematics (preferably Calculus).[^] Portfolio not required.

* English-rich subjects include English, Geography, History, Economics, Art History, Classical Studies

[^] If you are coming directly from Year 13, you should apply for Trimester 3 (summer) introductory courses under Discretionary Entrance. See www.victoria.ac.nz/discretionary-entrance

Strongly recommended	Recommended	Extra information
Bachelor of Engineering (with Honours)		
Electronic and Computer Systems Engineering		<ul style="list-style-type: none"> MATH 132 is offered as an introductory course in Trimester 3 for students without a background in Mathematics (preferably Calculus).^ PHYS 122 is offered as an introductory course in Trimester 1 for students without a background in Physics.
<ul style="list-style-type: none"> Calculus Physics 	<ul style="list-style-type: none"> Digital Technologies Economics Science Statistics 	
Software Engineering and Network Engineering		
<ul style="list-style-type: none"> Mathematics (preferably Calculus) 	<ul style="list-style-type: none"> Digital Technologies Economics Physics Science Statistics 	
Bachelor of Laws		
	<ul style="list-style-type: none"> English-rich subjects* Subjects that encourage analytical thinking 	
Bachelor of Music		
<ul style="list-style-type: none"> Music Studies or Grade 5 theory 		<ul style="list-style-type: none"> MUSC 160 is offered as an introductory course in Trimester 3 for students without the required background in Music theory.^ Classical Performance & Jazz Performance students must audition. Check audition application dates on the NZSM website. www.nzsm.ac.nz
Bachelor of Science		
Depending on your proposed major/s (see right): <ul style="list-style-type: none"> Calculus Chemistry Physics 	Depending on your proposed major/s: <ul style="list-style-type: none"> Biology Geography Science Statistics 	<ul style="list-style-type: none"> You should take Level 3 (or equivalent) Chemistry if you want to study Biotechnology, Cell and Molecular Bioscience or Chemistry. You should take Level 3 (or equivalent) Calculus if you want to study Actuarial Science, Applied Physics, Computer Science Electronic and Computer Systems, Geophysics, Mathematics or Physics. You should take Level 3 (or equivalent) Physics if you want to study Applied Physics, Electronic and Computer Systems, Geophysics or Physics. You should also have a background in Calculus for these subjects. CHEM 191 and MATH 132 are offered as introductory courses in Trimester 3 for students without a background in these subjects.^ PHYS 122 is offered as an introductory course in Trimester 1 for students without a background in Physics.
Bachelor of Tourism Management		
	<ul style="list-style-type: none"> Accounting Economics English-rich subjects* Geography Languages Statistics 	
Teacher Education Programmes		
<i>Bachelor of Education (Teaching) Early Childhood, Graduate Diploma of Teaching (Primary or Secondary), Master of Teaching and Learning (Primary or Secondary)</i>		
	<ul style="list-style-type: none"> English-rich subjects* Subjects related to those you wish to teach 	<ul style="list-style-type: none"> Admission to teaching degrees requires having supportive referees, making declarations about health/disability issues, any criminal convictions and proficiency in English and attendance at an assessment exercise.

* English-rich subjects include English, Geography, History, Economics, Art History, Classical Studies

^ If you are coming directly from Year 13, you should apply for Trimester 3 (summer) introductory courses under Discretionary Entrance. See www.victoria.ac.nz/discretionary-entrance