

All students require University Entrance for admission to the University of Waikato, but some degrees have additional entry requirements and/or include first-year papers with specific prerequisites.

This guide indicates which degrees have specific requirements or include papers with prerequisites and which school subjects are recommended. Students who do not meet the requirements may be directed to take certain papers in their first year of study. All students are advised to apply for their preferred degree. Student Recruitment Advisers and Faculty/School Academic Advisers will assist students with planning their programme of study. For more information email [recruitment@waikato.ac.nz](mailto:recruitment@waikato.ac.nz) or call **0800 WAIKATO**.

## Bachelor of Business Analysis - Financial

- **MATH166 Management Mathematics:** 18 credits in NCEA Level 2 Mathematics

Students planning a major in Accounting require 16 credits in NCEA Level 3 in Accounting, or ACCT102 Introductory Financial Accounting will be required as an elective in the first year.

## Bachelor of Computer Graphic Design

Applicants are required to submit a portfolio of 10 original pieces as well as their online application. Applications are assessed on a case by case basis. For more information visit [cgd.waikato.ac.nz](http://cgd.waikato.ac.nz)

## Bachelor of Computing & Mathematical Sciences

- **MATH101 Introduction to Calculus** is required for a Mathematics major: 16 credits in NCEA Level 3 Calculus including at least 11 credits from AS91577 (3.5), AS91578 (3.6) and AS91579 (3.7)
- **MATH102 Introduction to Algebra** is required for a Mathematics major or a Computer Science major: 16 credits in NCEA Level 3 Calculus
- **MATH166 Management Mathematics:** 18 credits at Level 2 in NCEA Mathematics, or 10 credits at Level 3 in NCEA Calculus, or 14 credits at Level 3 in NCEA Statistics or Level 3 in NCEA Mathematics, or at least a B- in MATH168 or equivalent.

## Bachelor of Engineering (Hons)

The following subjects are required for students doing a BE(Hons):

- Calculus, Physics and Chemistry are required for Chemical and Biological Engineering and for Materials and Process Engineering
- Calculus and Physics are required for Electronic Engineering and for Mechanical Engineering
- Calculus is required for Software Engineering plus at least 14 credits in two other approved subjects.
- Entry to Civil Engineering will be guaranteed if you receive 16 credits in NCEA Level 3 Calculus, and 14 credits in NCEA Level 3 Physics
- Entry to Environmental Engineering will be guaranteed if you receive 16 credits in NCEA Level 3 Calculus, 16 credits in NCEA Level 3 Chemistry, and 14 credits in NCEA Level 3 Physics.

The requirements for the above subjects are:

- **CHEM111 Structure and Spectroscopy:** 16 credits in NCEA Level 3 Chemistry
- **CHEM112 Chemical Reactivity:** 16 credits in NCEA Level 3 Chemistry
- **MATH101 Introduction to Calculus:** 16 credits in NCEA Level 3 Calculus including at least 11 credits from AS91577 (3.5), AS91578 (3.6) and AS91579 (3.7)
- **MATH102 Introduction to Algebra:** 16 credits in NCEA Level 3 Calculus
- **PHYS103 Physics for Scientists and Engineers 1:** 14 credits in NCEA Level 3 Physics and 14 credits in NCEA Level 3 Calculus
- **ENEL111 Introduction to Electronics:** 14 credits in NCEA Level 3 Physics.

## Bachelor of Laws

Essay-based subjects such as English, Classical Studies, History, and Geography are good preparation. All applications are considered by the Law Admissions Committee. Factors such as academic results, any work experience, school and community involvement and other achievements will be taken into account. Relevant information with supporting evidence should be included with the applicant's written statement.

## Bachelor of Management Studies

Students planning a major in Accounting require 16 credits in NCEA Level 3 in Accounting, or ACCT102 Introductory Financial Accounting will be required as an elective in their first year.

If you do not have a strong background in literacy then you may be directed to take MCOM104 Written Communication for Management before attempting STMG191. This would also then be required for the BBA, BCS, BCom, and BEnte.

## Bachelor of Music

14 credits in NCEA Level 3 Music; or 20 credits in NCEA Level 2 Music; or a Grade 3 theory pass or better in the New Zealand Music Education Board or the Australian Music Education Board examinations; or Grade 5 theory pass or better in the Trinity College or Royal College of Music examinations; or an equivalent qualification.

For the performance stream, a selection process applies and an audition will be required. Check audition requirements and application dates at [waikato.ac.nz/music](http://waikato.ac.nz/music)

## Bachelor of Science and Bachelor of Science (Technology)

Depending on their major, students may require the following:

- **CHEM111 Structure and Spectroscopy:** 16 credits in NCEA Level 3 Chemistry
- **CHEM112 Chemical Reactivity:** 16 credits in NCEA Level 3 Chemistry
- **ENEL111 Introduction to Electronics** is required for an Electronics major: 14 credits in NCEA Level 3 Physics
- **MATH101 Introduction to Calculus** which is required for a Mathematics major: 16 credits in NCEA Level 3 Calculus including at least 11 credits from AS91577 (3.5), AS91578 (3.6) and AS91579 (3.7)
- **MATH102 Introduction to Algebra** which is required for a Mathematics major or a Computer Science major: 16 credits in NCEA Level 3 Calculus
- **PHYS103 Physics for Scientists and Engineers 1** which is required for a Physics major: 14 credits in NCEA Level 3 Physics and 14 credits in NCEA Level 3 Calculus
- **STAT121** - 18 credits in NCEA Level 2 Mathematics or 14 credits in NCEA Level 3 Statistics, Calculus, or Mathematics.

## Bachelor of Social Work

As well as admission into the University, applicants are subject to an interview and selection process, including a police clearance check.

## Bachelor of Teaching

As well as admission into the University, applicants are subject to an interview and selection process, including a police clearance check.

## Other degrees:

- Bachelor of Arts
- Bachelor of Communication Studies
- Bachelor of Entrepreneurship
- Bachelor of Electronic Commerce
- Bachelor of Environmental Planning
- Bachelor of Māori & Pacific Development
- Bachelor of Media and Creative Technologies
- Bachelor of Social Sciences
- Bachelor of Sport & Leisure Studies.

Some first-year papers may have specific prerequisites, so please check the paper catalogue carefully.

**Please note: These are guidelines only and are subject to change.**