



## A quick guide to undergraduate Computer Science

Computing technology permeates our lives, and with that comes the demand for specialists to imagine, develop and maintain that technology. As a Computer Science student at the University of Auckland, you'll be prepared to meet that demand.

Studying Computer Science gives you an understanding of the conceptual building blocks of computers, software, and communications between computers. You'll tackle topics as diverse as algorithms, robotics, programming languages and networks, and you'll develop sought-after skills in logical thinking, problem solving and analysis.

You don't need to have taken any particular subject at high school to study Computer Science with us. Digital technologies, mathematics and physics provide helpful background knowledge, but they're not essential.

### Can't choose which subject to study?

With so many options it's sometimes hard to choose what you want to study, but we've got you covered. You can study a double major with our Bachelor of Science to gain a broader base of skills and knowledge.

#### Complementary majors include:

- [Information and Technology Management](#)
- [Logic and Computation](#)
- [Mathematics](#)
- [Physics](#)
- [Psychology](#)
- [Statistics](#)

Explore and discover everything you need to know about studying  
Computer Science:  
[science.auckland.ac.nz/ug-comp-sci](https://science.auckland.ac.nz/ug-comp-sci)



SCIENCE



WE'RE NEW ZEALAND'S  
**leading Faculty  
of Science**

QS World University Rankings by Subject 2020

#### AVAILABLE IN:

- ✓ **Bachelor of Science (BSc)**
- ✓ **Bachelor of Advanced Science (Honours) (BAdvSci(Hons))**

CONJOINT A BSc OR A BAdvSci(HONS)  
TO STUDY

**2 degrees  
at once**



Our subject  
is ranked  
**#1** in  
New Zealand

QS World University Rankings  
by Subject 2020

**#1**

Computer Science and  
Information Systems