



A quick guide to undergraduate **Mathematics**

Mathematics has many faces. It can be challenging, powerful, fascinating, even mysterious – but above all it is useful. Wherever problems need to be solved, mathematics has a role to play. The University of Auckland is ranked first in New Zealand, and in the top 100 in the world, for mathematics*.

*www.science.auckland.ac.nz/excellence

Mathematics makes essential contributions to the biological, information and physical sciences, economics, engineering and finance, but can also be applied to communications, linguistics and genetics. As a Mathematics student you'll study aspects of both pure and applied mathematics, and you'll be exposed to critical and meta-mathematical thinking: skills that are highly valued by employers.

The Department of Mathematics would be glad to have you in our courses, no matter what you've studied in high school. However, if you're keen to jump straight in to some of our more advanced first-year courses, we recommend you take some calculus before starting your University studies. In particular, we recommend Year 13 differentiation and integration.

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:

- [Computer Science](#)
- [Information and Technology Management](#)
- [Geophysics](#)
- [Logic and Computation](#)
- [Physics](#)
- [Statistics](#)

Explore and discover everything you need to know about studying Mathematics:

science.auckland.ac.nz/ug-mathematics



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ranked in the
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100
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Mathematics