

# Bachelor of Science (BSc) Overview



If your students are intrigued by the natural world around them, or enjoy understanding how things work, Waikato's Bachelor of Science (BSc) is what they're looking for.

A BSc from Waikato will open doors to some of the world's fastest growing industries and most exciting research areas, including climate change and the sustainable management of environmental resources. Students will graduate with the theory, technical ability and leadership skills to succeed in the science industry. A lot of our scientific research involves collaboration with businesses, other research institutes and

local authorities, and it impacts development all over New Zealand and around the world. Part of our success comes from our investment in world-class research equipment and facilities, most of which is available to students during their studies. The first year of the BSc will enable them to explore a range of scientific disciplines, laying a solid foundation for you to build on, even if they haven't studied science before. The BSc

enables students to choose from a range of specific skill sets depending on how they wish to use their degree. Career-start options include: project-based learning that will prepare them for management careers in the science field; research experience where they can practice the skills needed to succeed in postgraduate study and research-oriented careers; and entrepreneurial courses where

mentors will help students develop their own ideas and teach them how to assess commercial viability. Our science minors will give students a taste of a complementary discipline to broaden their knowledge and demonstrate the breadth of their scientific skills. Alternatively, they can select a minor from a supporting non-science discipline to show employers they can apply themselves in a range of fields.

Y1	100 Level Major	100 Level Major	100 Level Science Elective	100 Level Science Elective	100 Level Science Elective	100 Level Science Elective	Elective	Elective
Y2	200 Level Major	200 Level Major	200 Level Major	200 Level Major	200 Level Science Elective	Elective	Elective	Elective
Y3	300 Level Major	300 Level Major	300 Level Major	SCIEN305 Science and Mātauranga Māori (or Approved Alternative)	Career-start Elective	Elective	Elective	Elective

The BSc contains three distinct elements designed to increase employability and support progress through the degree.

**Science electives:** A range of STEM papers to broaden scientific skill set.

**Quantitative skills:** Across their degree students should take two papers which increase their confidence in quantitative science. In many cases this will be met through papers ordinarily selected.

**Career-start:** A project or research paper which draws on experiences in the degree to prepare a student for their chosen career.