Bachelor of Science (Environmental Science)

We rely on our natural environment to sustain our lives and our lifestyles. We continually need to improve our understanding and management of the natural environment to balance our development with wise management while minimising impacts and degradation.

An understanding of the mechanisms controlling environmental systems provides the skills required to undertake a great range of scientific environmental planning and management, and tackle problems such as local water quality and ecosystem impacts, soil erosion, catchment and groundwater use, or adaptation to global climate change.

You will experience some of the most advanced laboratories and field work opportunities in Australia and be taught by staff who are at the top of their research fields internationally. You will also stay in touch with the real world, as guest lectures, site visits and opportunities for work integrated learning bring a strong industry flavour to the degree.

Why choose this course?
Environmental scientists have careers in planning, management, monitoring and research. These roles are usually found in government departments and agencies, local councils, consultancies, and industrial and mining companies, and you could be working in urban, rural or remote settings.

Graduates assess resources, implement environmental impact programs, analyse and interpret environmental data and formulate contingency plans in areas including strategic land-use planning; waste disposal; pollution measurement and control; coastal protection; environmental impact of mining, tourism and urban development; rehabilitation and reforestation of degraded sites; ground water assessment and modelling; flood plain planning; erosion control; and marine science.

Subject prerequisites
- Maths B

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies. Recommended Study: At least one of Chemistry, Physics, Biology, Earth Science, Geography or Maths C.

Michelle, environmental science student
Real choices

'I like environmental science because it combines a lot of different scientific disciplines into the one. There's chemistry, geology and biology. In environmental science, they all come together.'
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Minimum English requirements
Students must meet the English proficiency requirements.

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<th>IELTS (International English Language Testing System)</th>
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<tbody>
<tr>
<td>Overall</td>
<td>6.5</td>
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<td>Listening</td>
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Careers and outcomes
Environmental scientists are continually needed in a wide variety of planning, management, monitoring and research careers. These roles are usually found in government departments and agencies, local councils, consultancy, and industrial and mining companies. As an environmental science graduate, you could be working in urban, rural or remote settings depending on your interests.

Graduates are equipped to assess resources, implement environmental impact programs, analyse and interpret environmental data and formulate contingency plans in a wide variety of areas. These include strategic land use planning; pollution measurement and control; coastal protection; environmental impact of mining, forestry, agriculture, tourism and urban development; rehabilitation and reforestation of degraded sites; natural resource management (ground water, soil, vegetation) and modeling.

Professional recognition
Graduates are eligible for membership of the Environment Institute of Australia and New Zealand and a variety of other scientific societies, including the Soil Science Society of Australia and the Ecological Society of Australia.

Other study options
- Bachelor of Business/Bachelor of Science
- Bachelor of Information Technology/Bachelor of Science
- Bachelor of Laws (Honours)/Bachelor of Science
- Bachelor of Mathematics/Bachelor of Science

Scholarships
You can apply for scholarships to help you with study and living costs.
- Equity scholarships scheme
- QUT Sport Scholarship (Elite)

Equity scholarships scheme
- Undergraduate Indigenous Fee Waiver Commencing Student Scholarship

This information has been prepared for International students and temporary visa holders. For more information and to check if a course is available, visit www.qut.edu.au/international. Last updated on: 22/10/2019. Information contained in this document was correct at the time of printing. The university reserves the right to amend any information, and to cancel, change or reprice any course. CRICOS No.00213J.