Combine your keen interest in environmental science with urban and regional planning to ensure the sustainable and efficient use of land and natural resources to balance and enhance environmental and societal needs.

Work with elected representatives, communities and other clients to prepare and administer physical schemes that create better places and lives for neighbourhoods, cities and regions. Work on large-scale projects such as new cities, suburbs, ports, open space and recreational planning and environmental management.

If you're interested in social, economic, environmental and cultural issues, art and design, using your imagination and being creative, then this new double degree might be right for you.

Why choose this course?
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.

QUT is recognised for combining community involvement with design and implementation skills, which are based on links with environmental planning and management, property economics, architecture and landscape architecture.

You will work on inclusive community planning, integrated infrastructure provision, creative design, and practical problem-solving projects run in collaboration with partners in local and state government, developers and local community groups.

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 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.

Real-world learning
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 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.

You are required to undertake 30 days of approved urban and regional planning work experience as part of your Professional Practice core unit.

Subject prerequisites

- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

You must have achieved this study at a level comparable to Australian Year 12 or in
recognised post-secondary studies.

**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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<td>Overall</td>
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<td>Listening</td>
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<td>Reading</td>
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<td>Writing</td>
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**Course structure**
For this course you must complete a total of 480 credit points, made up of 288 credit points from the Bachelor of Urban Development (Honours) (Urban and Regional Planning) and 192 credit points from the Bachelor of Science (Environmental Science). You will study both science and urban development units in your first four years, and concentrate on urban development studies for the remainder of this course.

**Urban and Regional Planning component**
Students are required to complete 288 credit points of study comprising:
- 72 credit points of core Urban Development units including a 12 credit point work placement unit and a 12 credit point research methods unit
- 216 credit points of Urban and Regional Planning major discipline units including 24 credit points of capstone project.

**Environmental Science Component**
Students are required to complete 192 credit points of study comprising:
- 60 credit points of core Science units including one option unit (12cp) to be selected from a unit options list.
- 132 credit points of Environmental Science major discipline units.

**Careers and outcomes**
With this industry-relevant double degree, you'll be skilled in the implementation of environmental surveys, and confident in the analysis and interpretation of environmental data. You'll be able to consult on the environmental impact of tourism and urban development, ports, and industrial projects. You'll be able to play a leading role in the urban design of housing, open space and recreational planning, or transport planning; as well as the rehabilitation and reforestation of degraded sites.

You could work in federal, state or local government departments and agencies, development companies, major industry, or professional planning and environmental consultancies.

**Professional recognition**
The Bachelor of Urban Development (Honours) (Urban and Regional Planning) has accreditation from the Planning Institute of Australia.

The Bachelor of Science (Environmental Science) may be eligible for membership of:
- The Environmental Institute of Australia and New Zealand
- Soil Science Australia
- Clean Air Society of Australia and New Zealand
- Society for Ecological Restoration Australasia
- Society for Conservation Biology Oceania
- Geospatial Information and Technology Association, among others.

**Research pathways**
The Bachelor of Urban Development (Honours) features embedded honours-level content through the course, and you will graduate with a bachelor honours degree. This advanced knowledge and skills will benefit your professional career or future research studies.