

SPATIAL SCIENCE (SURVEYING)

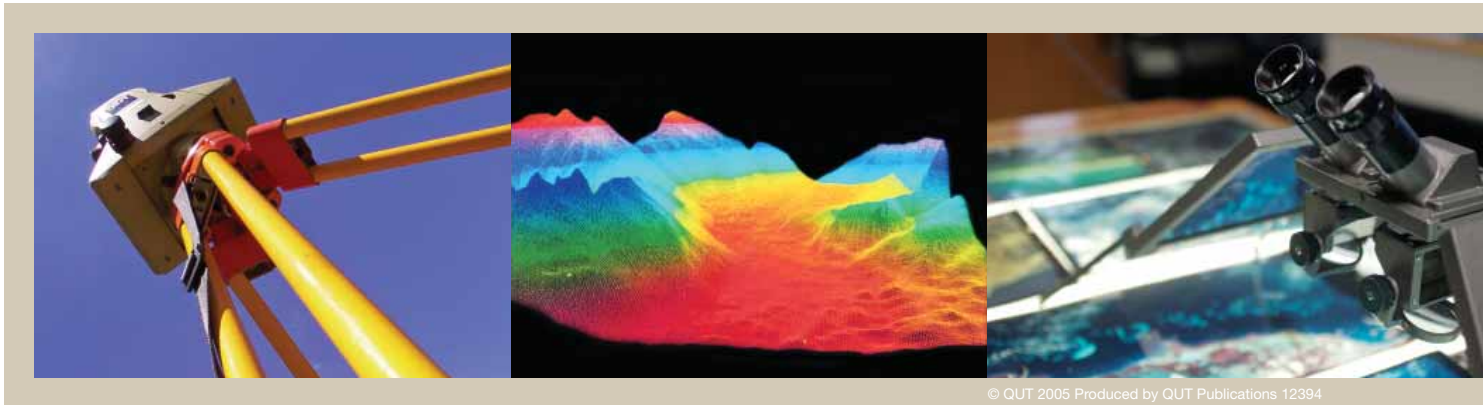


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'I really enjoy the mix of working indoors and outdoors and I love the real world projects that we do. Surveying is such a broad-based degree with the opportunity to specialise in a number of fields. I know this degree will create many prosperous job opportunities for me in the future.' AMANDA FALLON

a university for the **real** world[®]

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WHAT IS SPATIAL SCIENCE (SURVEYING)?

Spatial Science (Surveying) is concerned with the measurement, management, analysis and display of spatial information describing the Earth, its physical features and the built environment. It involves assembling and assessing geographic and land information for implementing appropriate administration for the land, sea and related structures.

Surveyors are the professional experts in land measurement, information and management. They make strategic and caring contributions to the economic, social and environmental wellbeing of Australia and the world, through their unique knowledge of and ability to map and guide the spatial, contextual and value relationships between people, land and the real world.

Modern surveyors can help police at crime scenes, measure and analyse terrain movement to predict earthquakes, use computer imaging and satellites to monitor environmental change, map the ocean floor and can tell you where your land ends and your neighbour's begins.

Surveyors work on, above or below the surface of the land or sea, and often work with other professionals. They may spend a lot of time working outdoors. They also work in offices, analysing data and preparing plans and reports.

WHY CHOOSE SPATIAL SCIENCE (SURVEYING) AT QUT?

Spatial Science (Surveying) at QUT provides you with a comprehensive knowledge of the field and fully equips you for immediate and meaningful employment upon graduation. You will study the foundations of surveying such as mathematics and computing skills then go on to study specific areas such as topographic mapping, photogrammetry and land development design.

Spatial Science (Surveying) at QUT is also highly regarded for its professional staff, first-class laboratories and multidisciplinary approach to the field. You will regularly undertake practical activities and are required to undertake work experience, as part of the degree.

As a graduate you can become a member of The Spatial Science Institute (incorporating the Institution of Surveyors, Australia, the Institution of Engineering and Mining Surveyors, Australia and the Mapping Sciences Institute, Australia).

IS SURVEYING FOR YOU?

If you are interested in any of the following, you may enjoy a career in Surveying:

- Mathematics
- Working in a variety of environments
- Geography.

OTHER CAREERS TO CONSIDER

You may also like to consider a career in a related area, which may involve similar interests, such as Civil Engineering, Urban and Regional Planning and Property Economics.

CAREER OUTCOMES

As a Surveyor you may be employed by all levels of government, private practice and multinational companies, statutory authorities or semi-government agencies. After some years of experience in the field, you have the option to become a manager or specialise in a related field such as geographic information systems, remote sensing or photogrammetry. You also have a wide range of international employment opportunities.

FURTHER INFORMATION

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