

Become a surveyor

Kickstart your career as a Department of Transport and Main Roads' cadet!

As a surveyor with the Department of Transport and Main Roads (TMR), you can be involved with planning, designing, constructing, and managing the road network, as well as performing a variety of roles, from hands-on technical work to training, management, research, and development.

What does a surveyor do?

Surveyors are experts at measurement and are skilled in analysing and presenting information about the world and the structures on it.

They use these skills to carry out work such as determining property boundaries, preparing contour maps, or setting out the location of roads and buildings.

At TMR, surveyors work with the latest software, tools and surveying methods, such as Laser Scanning technologies, drones, GPS and 3D modelling software.

What types of surveyors are in TMR?

The majority of surveyors are Engineering Surveyors who acquire and validate geospatial information for planning, design, construction, and road corridor management. They're directly involved with surveying principals and apply expertise in methodologies for locating, controlling, measuring and auditing road projects. Other surveyors in TMR include Cadastral Surveyors and Hydrographic Surveyors.

Personal requirements for a surveyor

If you're good at mathematics and are interested in technology, you may be the perfect candidate for a career as a surveyor.

As a surveyor you'll work independently and as part of a team during a project. You'll also need to be organised with great attention to detail and have strong communication skills.

What do I need to do?

To be eligible for a surveying cadetship, you must be:

- studying or eligible for enrolment in a three or four year degree majoring in surveying
- currently enrolled in an Associate Degree of Spatial Science (Surveying). If successful, you will be required to transfer to the three or four year degree.
- an Australian citizen or live in Australia with permission under a Commonwealth law to work in Australia

Qualifications

- [UniSQ – Bachelor of Spatial Science Technology \(Surveying\)](#)
- [UniSQ – Bachelor of Spatial Science \(Honours\) \(Surveying\)](#)
- [UniSQ – Associate Degree of Spatial Science \(Surveying\)](#)

Need more information?

Find out more about the TMR Cadetship Program here: tmr.qld.gov.au/cadetships.

