Spatial information

Queensland Government IT Graduate Program

## Spatial information systems specialists create digital images and analytical data to help government agencies make decisions, plan for the future and deliver many different services. They develop geographic information systems (GIS) and provide technical and analytical advice on a range of issues such as environmental management, mining, utilities and asset management, and demographic marketing. They work with digital images and topographical, social and economic data to inform infrastructure development and future planning.

## This means you will have the opportunity to:

* analyse information including geographic and land information, source maps and surveys
* maintain topographic, economic, social and other data sets in your agency
* develop, design and customise computer programs used in GIS
* provide access to GIS for end users, prepare training and facilitate the use of GIS in the organisation
* identify opportunities for the use of new GIS technology and business process improvements through the use of GIS.

## The ideal candidate will:

* possess high level process modelling and analytical skills
* possess high levels of interpersonal and written communication
* be able to problem solve, conceptualise and think creatively
* have attention to detail.

## Examples of technical skills and qualifications

**Technical skills:**

* a broad range of modelling skills including business process modelling.

**Qualifications:**

* your degree may be in information technology, information systems, business, business computing, commerce or accounting.