Cyber security

Queensland Government IT Graduate Program

Cyber security specialists ensure the security of Queensland Government information and systems. They are responsible for the investigation of unauthorised access to ICT facilities, security breaches and compliance with data protection. As well as providing specialist security advice, they design and implement system changes to maintain the highest levels of security.

## This means you will have the opportunity to:

* resolve incidents and monitor security intrusions
* provide virus protection defences, review information systems for breaches in security and secure servers from unauthorised use
* monitor data transactions in and out of a network environment
* prepare policies and procedures around security matters
* provide advice on security issues.

## The ideal candidate will:

* be able to identify, analyse and recommend solutions
* have good time management skills and be able to work to deadlines
* be discreet, have integrity and be able to maturely deal with sensitive issues.

## Examples of technical skills and qualifications

**Knowledge of:**

* firewall software and operating systems
* intrusion detection software and system security virus scanning software
* relevant standards and legislation and risk assessment strategies
* systems security, web hosting security and network security.

**Qualifications:**

* your degree may be in information technology
* Bachelor of Information technology or (computer science) or (information systems)
* Bachelor of business/bachelor of information technology
* Master information technology

## SFIA Skill levels SCTY – level 3,