



# Your future is looking bright.

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# ICT

## Overview

Information and Communications Technology continues to strengthen as a vital part of all industries, globally.

46% of the world's population is now connected to the internet and the demand for IT workers in Australia will grow by almost 100,000 to 758,700 workers by 2023<sup>1</sup>. Higher connectivity will result in more cybercrime, with an anticipated 88% growth of cyber security workers expected by 2026 to keep people, organisations and countries safe<sup>2</sup>.

Employers hiring IT workers want technical skills – such as IT infrastructure, web programming and cloud computing – as well as broader business skills including project management, customer service, business analysis and strategic planning. USQ IT students use leading-edge enterprise tools and standards such as Oracle, ITIL4 (standard for IT service management), CompTIA Security+ (standard of IT security), implement web services, program mobile devices, apply data analytics tools to Big Data, and manage enterprise networks after completing the CCNA (Cisco Certified Network Associate) certification.

<sup>1</sup>Deloitte Access Economics 2018, Australia's Digital Pulse: Driving Australia's international ICT competitiveness and digital growth, viewed 31 May 2019 <https://www.acs.org.au/content/dam/acs/acs-publications/aadp2018.pdf>

<sup>2</sup>AustCyber 2018, Australia's Cyber Security Competitiveness Plan 2018, viewed 31 May 2019 <https://www.austcyber.com/tools-and-resources/sectorcompetitiveness-plan-2018>

## Disciplines within Information and Communications Technology

### Undergraduate study options

Big Data and Visualisation



Computer Systems Engineering



Cyber Security



Data Science



Design and Interactive Technologies



Information Technology



### Postgraduate study options

Big Data and Visualisation



Computer Systems Engineering



Cyber Security



Data Science



Information Technology



## Contact us



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