



# Information and Communication Technology



Studying the Master of Computing Technology at USQ Toowoomba has been a first-rate experience for Dheeraj Nadimpalli

## Information Technology & Information Systems

Study Information Technology and Information Systems at USQ and create innovative solutions by connecting technology, business and people. Learn how to develop new and re-engineer existing business processes and create applications and web design solutions for enterprises and small-to-medium businesses.

Study at USQ for a renowned degree, as well as the following industry certification:

- CISCO CCNA certification
- CompTIA Linux+ certification
- CompTIA Security+ certification.

### Related Programs

- **Bachelor of Information Technology**
- **Bachelor of Science (IT major & Computing major)**
- **Master of Information Technology**
- **Master of Information Systems**

## Data Science

Are you interested in understanding more about data, the technical intricacies of analysing it, and turn your findings into scientific evidence portfolios through actionable results for informed decision-making?

Develop advanced theoretical and technical knowledge of data science and skills in the areas of computing technology, algorithmic aspects of machine learning, mathematics, statistics, and database structures.

### Related Programs

- **Bachelor of Information Technology (Data Analytics major)**
- **Master of Data Science**

## Cyber Security

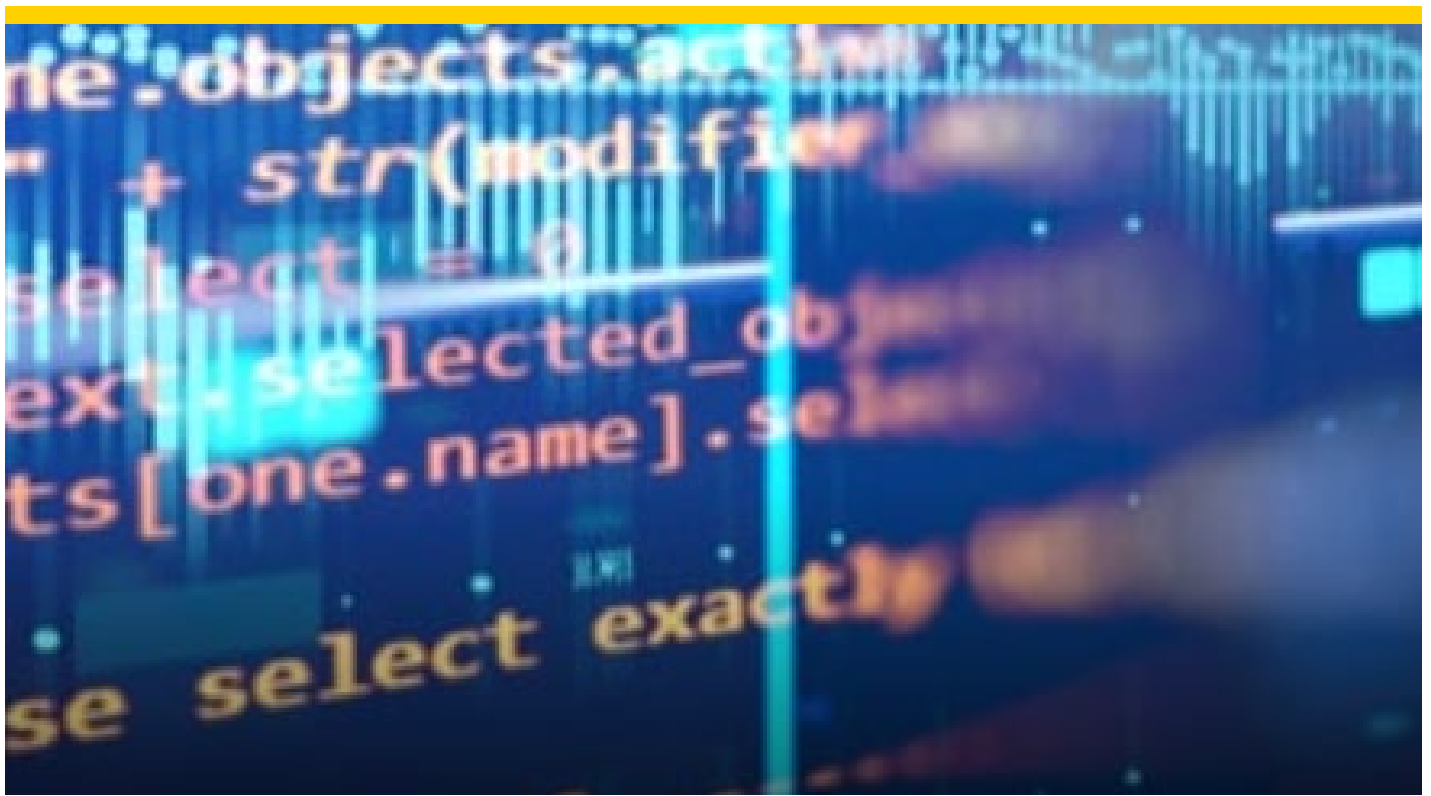
There is a critical shortage of skilled cyber security graduates, estimating that the Australian industry will require at least 18,000 additional cyber security workers by 2026. Industry professionals have significantly contributed to the structure of our most popular degrees and our hands-on capstone project courses provide you with skills comparable to industry practice and prepare you for a profession in this growing industry.

Study at USQ and be a part of the Cyber Security Challenge, Australia's only cyber security competition, run over 24 hours and designed to test your technical and communication skills.

### Related Program

- **Master of Cyber Security**





## ACS Accreditation

The following ICT programs are accredited at professional level by the **Australian Computer Society** and, through the Seoul Accord, are recognised in other countries.

- Bachelor of Information Technology
- Bachelor of Science (IT major)
- Master of Information Technology
- Master of Information Systems
- Master of Data Science

## Potential Future Jobs

Our graduates find work as, but unlimited to, follows, Software Engineer, Networking Engineer, Database Designer, Business Analyst, Data Analyst, Data Scientist, Security Analyst, Cyber Security Consultant, Data Miner, Data & IT Manager, Business Intelligence Consultant.

Work integrated learning (placement) opportunities are an important feature of the



program and give students real-world industry experience before they graduate.

## Scholarships

A number of scholarships are available for undergraduate studies. Further information is available [here:](http://www.usq.edu.au/scholarships/future-students)

## Further Study/Research

Graduates of USQ's undergraduate program may choose to undertake further study in ICT related programs (Honours, Masters, Doctor of Philosophy).

**Want to know more?**  
Ph. 1800 269 500

[www.usq.edu.au/study](http://www.usq.edu.au/study)  
email: [study@usq.edu.au](mailto:study@usq.edu.au)