

## Never before have technological changes been faster or more fundamental.

The digital age is creating countless new and exciting opportunities for people to help shape the future using technology. From tracking your health using wearable technology to accessing and managing your data in the Cloud, technology is at the core of our new, connected era.

At UQ, we are focused on equipping you with the skills and abilities to ensure you are prepared not just for your first job, but for a lifetime of success. So, whether you're interested in becoming a video game designer building online worlds for the masses or a data scientist spotting trends across the health or legal industries, discover how your talents and passions can turn into an exciting and dynamic career in technology.

### Bachelor of Computer Science

**Duration**  
3 years full-time

**Entry requirements**  
Queensland Year 12 or equivalent English and Mathematics B

### Bachelor of Engineering (Honours)

**Duration**  
4 years full-time

**Entry requirements**  
Queensland Year 12 or equivalent English; Mathematics B; plus one of Physics or Chemistry

**Accreditation**  
Engineers Australia

### Bachelor of Information Technology

**Duration**  
3 years full-time

**Entry requirements**  
Queensland Year 12 or equivalent English; Mathematics B

**Accreditation**  
Australian Computer Society

## Interested in a career in technology?



#### Location

Faculty of Engineering, Architecture and Information Technology  
Room S204  
(Main and Academic Office)  
Hawken Engineering Building (50)  
The University of Queensland  
Queensland 4072 Australia

#### Office Hours

8:30am – 5:00pm  
Monday – Friday

#### Student Enquiries

**E** [ask@uq.edu.au](mailto:ask@uq.edu.au)  
**P** +61 7 3346 9872





## I like...



## My degree options



## My speciality



## I could be a...

### Content and Design

- Being creative
- Breaking the rules
- Connecting people and technology
- Thinking outside the box
- Graphic design
- Problem solving
- Working with people
- Mastering the details
- Making hard things easy
- Crafting elegant experiences
- Figuring out what people really need
- Giving power to people

**Bachelor of Information Technology**  
User Experience Design

**Creative Content and Communications**

- Digital Media Manager
- Graphic Designer
- Digital Marketer
- User Experience (UX) Researcher
- Digital Strategist
- Game Designer
- Visual Designer

**Product Design**  
**Web and Mobile Design**  
**Wearable Technology, VR and AR**

- Web Designer/Developer
- App Developer
- E-Commerce Specialist
- User Interface (UI) Designer
- Front-End Developer
- Game Developer
- User Experience (UX) Designer
- Project Manager
- Interaction Designer

### Technology Services

- Hardware and software
- Discovering how computers work
- Programming
- Problem solving
- Exploring different operating systems
- Automating tasks to make life easier
- Managing projects
- Connecting people and data
- Making systems efficient, reliable and secure
- Security and hacking

**Bachelor of Information Technology**  
Computer Systems and Networks  
Enterprise Information Systems  
Software Information Systems  
**Bachelor of Engineering (Honours)**  
Software  
**Bachelor of Computer Science**  
Cyber Security  
Scientific Computing

**Systems and Networks**

- Cloud Specialist
- Systems Administrator
- IT Consultant
- IT Support Technician
- Systems Designer
- Project Manager
- Systems Performance and Resilience Engineer
- Site Reliability Engineer
- Network Engineer

**IT Security and Forensics**

- Digital Forensics Investigator
- Ethical Hacker
- Cyber Security Specialists
- Systems Administrator
- Application Security Specialist
- Security Analyst
- Certificate Authority Consultant
- Security Architect

### Business Services

- Working with people
- Problem solving
- Planning and thinking ahead
- Managing projects
- Making technology scalable, reliable and secure
- Analysing data to find insights and business solutions
- Understanding consumer behaviour
- Figuring out what people really need

**Bachelor of Computer Science**  
Data Science  
**Bachelor of Information Technology**  
Enterprise Information Systems  
Software Information Systems

**Data Management and Analysis**

- Security and Privacy Engineer
- Business Analyst
- Data Scientist
- Digital Analyst
- Senior Data Engineer
- Market Analyst
- Big Data Architect

**Business Information Systems**

- Data Migration Specialist
- Social Media Data Strategist
- Information Architect
- Database Administrator (DBA)
- IT Support Officer
- Cloud Architect

### Product Development

- Combining technology with everyday objects to make tasks easier
- Problem solving
- Being innovative
- Hardware and software
- Thinking outside the box
- Designing and building something nobody has made before
- Artificial Intelligence
- Logical thinking
- The craft and science of programming
- Mastering technology
- Soldering and programming
- Making, building, hacking, tinkering

**Bachelor of Engineering (Honours)**  
Electrical  
Electrical and Computer  
Software  
**Bachelor of Computer Science**  
Data Science  
Machine Learning  
Programming Languages  
**Bachelor of Information Technology**  
Software Design

**Hardware**

- Electrical Engineer
- Product Design Engineer
- Hardware Systems Design Engineer
- Applications Engineer
- Robotics Engineer
- Machine Learning Infrastructure Engineer

**Software**

- DevOps Engineer
- Software Engineer
- Games Developer
- Software Architect
- Programmer
- Full Stack Developer
- Testing Analyst
- Software and System Test Engineer
- Machine Learning Specialist
- Machine Learning Engineer

...and so much more!