



# Bachelor of Information and Communication Technology

INTERNATIONAL 2024

From the food on our plates to the money in our bank accounts, technology makes the world go round.

With technology ubiquitous across every industry on earth, our courses will prepare you for a future career in any location or sector that you are interested in. We offer a specialist degree with both a theoretical and practical focus, developing technological understanding and skills that are in high demand world-wide, plus project management and business soft skills that make you an ICT professional.

You will graduate with the skills and knowledge to grow into leadership positions, the drive to act on entrepreneurial ambition, and the confidence to pursue research and graduate studies.



Gain industry recognised certifications, providing skills that are in high demand by employers.



Learn from lecturers with a broad range of industry experience.



Learn and apply real world tools and technologies to solve ICT problems.

## COURSE DETAILS

### Bachelor of Information and Communication Technology

CRICOS: 079196G Course Code: P3T

2024 estimated Annual Tuition (AUD): \$36,250

Duration: 3 years

Intake: Semester 1, Semester 2

📍 Hobart, Launceston, Melbourne

# Bachelor of Information and Communication Technology

## WHAT YOU CAN STUDY

The Bachelor of Information and Communication Technology offers a breadth of learning opportunities and experiences to build core, industry relevant skills and knowledge, including:

### Application and Web Development

This major equips you with the essential expertise to create innovative and user-friendly applications and websites. Gain a deep understanding of programming languages, software development methodologies, and web design principles, enabling you to develop cutting-edge applications and visually appealing websites that cater to the needs of businesses and individuals alike. You'll have the opportunity to work with cutting edge mobile technology and cloud computing infrastructure, where you will work through all stages of the software development life cycle from inception, through to implementation and testing.

### Artificial Intelligence

Artificial Intelligence (AI) is a rapidly growing area of business. It influences the way we live, communicate, and improve customer experiences. This major covers in-depth areas such as machine learning, digital disruption, data manipulation, and graphical display. It also integrates core business principles to identify and develop ICT-based solutions for a wide variety of organisations. In this major, you will be exposed to state-of-the-art technology as you explore and gain practical experience across numerous AI subfields. This includes working with cutting edge Internet of Things (IoT) devices, using AI analyse the generated data, and hearing from industry guest speakers.

## STUDY HIGHLIGHTS

Industry engagement is an important part of our course offerings. As part of your bachelor degree, you will undertake a project in your third year that involves a challenge supplied by real industry clients.

You'll work in a team, engage with your client, plan, and create a solution – all while drawing on knowledge and skills from your studies. The projects are based on a real-life problem, allowing you to experience the types of challenges that a graduate is likely to encounter.

Industry recognised certification options embedded within select BICT units that provide students with opportunities to pursue professional industry certification as a supplement to their degree studies.

## CAREER OPPORTUNITIES

Whether it's designing apps or websites, running virtual reality tours, building the latest gaming sensation, or working at a bank leading advancement in cyber security, a career in ICT will set you up for life.

Graduates often enter technical positions, such as software programmer, network administrator, systems or business analyst, and web design/development. These allow you to apply your skills and knowledge while building on the industry experience already gained from your time studying with us.

Technical roles progress to management and leadership positions, typically with 3-5 years' experience, setting you up in a career for life that goes wherever you want it to. These include project management, business analyst, testing/network/systems manager, database administrator, security specialist, and much more.

With ICT a core element of every industry around the world, you can take the skills, knowledge, and confidence from this degree anywhere your interests take you.

The Bachelor of Information and Communication Technology (BICT) provides you with the skills to compete for employment in the ICT industry globally, and the ability to stand out in the constantly changing technology landscape.

We offer a specialist degree with both a theoretical and practical focus, developing technological understanding and skills that are in high demand world-wide, plus project management and business soft skills that make you an ICT professional.



For more information, visit [utas.edu.au/study/information-and-communication-technology](https://utas.edu.au/study/information-and-communication-technology)

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