

## HOW LONG WILL IT TAKE TO GRADUATE?

The arrangement will take a minimum of four years to complete. It must be completed within a maximum period of nine years.

Students will be able to exit at the end of first year with a Diploma of Information Technology Networking (ICA50411).

Students will be able to exit at the end of third year with an Advanced Diploma of Computer Systems Technology (ICA60511) and an Associate Degree in Information and Communication Technology.

## WHERE CAN I STUDY?

This arrangement is available on the Sandy Bay UTAS campus in Hobart and the TasTAFE campus in Hobart.

## AM I ELIGIBLE?

Admission to the BICT at UTAS requires qualifications equivalent to the 12th year of schooling in Australia. In particular, Tasmanian students require a Tasmanian Certificate of Education (TCE). It is recommended that students have an ATAR of 65 or above; students with scores above 50 may be eligible. Students who do not meet these requirements may enrol in a UTAS Foundation Studies Program, such as the Bachelor of General Studies (ICT Pathway) or the Associate Degree in ICT.

Possession of a Certificate IV qualification such as:

- ICA40411 Certificate IV in Information Technology
- ICA40111 Certificate IV in Information Technology Networking
- ICA41011 Certificate IV in Computer Systems Technology

## INTERNATIONAL STUDENTS

The English language requirements will be those established for most UTAS undergraduate programs, as shown at [www.international.utas.edu.au/static/EnglishRequirements.php](http://www.international.utas.edu.au/static/EnglishRequirements.php)

If you have already completed some tertiary level study you may be eligible for a credit transfer. Students who are given more than eight units of credit transfer enrol in a bridging unit (KIT209) that covers a range of topics that relate to ICT professional practice in Australia. The unit will also provide an introduction to school and university processes, and teamwork and communication skills that local students typically learn in first year.

## HOW DO I APPLY?

This arrangement has its own admission code. The BICT has an admission code of 73TH on the Sandy Bay campus. This arrangement has the admission code 73TA.

If you would like to find out more information about the arrangement, contact the School.

**Freecall: 1800 733 743**

**Email: [Secretary@cis.utas.edu.au](mailto:Secretary@cis.utas.edu.au)**

**Web: [www.cis.utas.edu.au](http://www.cis.utas.edu.au)**

The staff can assist you by phone or email, or you may prefer to make an appointment for a face-to-face discussion.

When you have decided to enrol, you can complete an application online at [www.utas.edu.au/apply](http://www.utas.edu.au/apply). UTAS reserves the right to limit enrolments in high demand units and courses, so act early to avoid disappointment.

Offers of places are made via email and mail. When you receive an offer, it will outline how to accept the offer, and what happens next.

You can also find out more information about this arrangement from TasTAFE, please contact **Kerryn Meredith-Sotiris, 6233 7438**  
**Email: [Kerryn.meredith-soti@TasTAFE.tas.edu.au](mailto:Kerryn.meredith-soti@TasTAFE.tas.edu.au)**

## HOW MUCH DOES THE DEGREE COST?

Information on current course fees can be found at [www.futurestudents.utas.edu.au/course-costs](http://www.futurestudents.utas.edu.au/course-costs)

## AUSTRALIAN STUDENTS

HECS (Higher Education Contribution Scheme) fees will apply for all units. Eligible Australian citizens are able to defer their HECS fees through the HECS-HELP system; however, NZ citizens will be required to pay these HECS fees upfront. For detailed information on eligibility for Commonwealth supported places and HECS-HELP please see [www.goingtouni.gov.au](http://www.goingtouni.gov.au)

## INTERNATIONAL STUDENTS

Detailed information on the fees, refund policy and rules of admission are available on the UTAS International Students website on [www.international.utas.edu.au](http://www.international.utas.edu.au)

## ALL STUDENTS

There will be additional course fees for the Diploma and Advanced Diploma. Information about TasTAFE fees can be found at [www.tastafe.tas.edu.au/apply-and-enrol/Pages/Fees-and-payments.aspx](http://www.tastafe.tas.edu.au/apply-and-enrol/Pages/Fees-and-payments.aspx)

# SCHOOL OF COMPUTING AND INFORMATION SYSTEMS AND TASTAFE BACHELOR OF INFORMATION AND COMMUNICATION TECHNOLOGY



## UNIVERSITY OF TASMANIA

## WITH DIPLOMA OF INFORMATION TECHNOLOGY NETWORKING AND ADVANCED DIPLOMA OF COMPUTER SYSTEMS TECHNOLOGY



Students can concurrently enrol in the Diploma of Information Technology Networking (ICA50411) followed by the Advanced Diploma of Computer Systems Technology (ICA60511) offered by TasTAFE Tasmania, and the Bachelor of Information and Communication Technology (BICT) offered by the University of Tasmania. This combined arrangement provides students with an opportunity to gain qualifications that will provide more breadth and offer wider opportunities for employment. Graduates would be particularly qualified for a career in systems administration.

The Bachelor of Information and Communication Technology (BICT) aims to give students the opportunity to explore a broad range of aspects of information and communication technology (ICT), and to graduate them with knowledge and skills in a variety of key areas of ICT for a lifelong career. The degree offers units across the complete spectrum of ICT, ranging from non-technical areas such as the nature of information and organisational needs for ICT, through the hardware, software, network and creative technologies that are used to satisfy these needs, to the communication, design, development and management skills needed to create, implement and integrate ICT components. The degree produces ICT professionals who are confident and articulate team players, and who are attuned to the needs, methods and attitudes of business and society. The BICT aims to provide ICT graduates with the skills and knowledge to take on appropriate professional positions in industry and grow into leadership positions, achieve entrepreneurial ambition or pursue research and graduate studies in ICT.

The Diploma of Information Technology Networking (ICA50411) provides the skills and knowledge for an individual to manage, as an independent ICT specialist or as part of a team, the installation of a range of networks, including inter-networking, security and e-business integration.

The Advanced Diploma of Computer Systems Technology (ICA60511) provides the skills and knowledge for an individual to coordinate and administer, as an independent ICT specialist or as part of a team, the installation, commissioning and ongoing maintenance of a range of networks, enterprise servers and systems, including inter-networking, security and e-business solutions.



## CONTACT US

### AUSTRALIAN STUDENTS

For further information about the University, including course information and application processes, contact the UTAS Information Centre.

**Phone: 1300 363 864**

**Email: [Course.Info@utas.edu.au](mailto:Course.Info@utas.edu.au)**

**Web: [www.utas.edu.au/futurestudents](http://www.utas.edu.au/futurestudents)**

### INTERNATIONAL STUDENTS

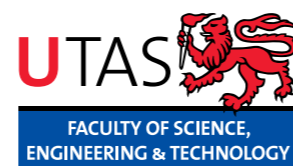
For intending international students, detailed information on the content of these and other UTAS courses, campuses, facilities, fees, refund policy, rules of admission and assessment, the ESOS Framework and an overview of the Tasmanian environment is available on the UTAS International Students website:

**[www.utas.edu.au/international](http://www.utas.edu.au/international)**

**Phone: +61 3 6324 3775 Email: [Your.Study@utas.edu.au](mailto:Your.Study@utas.edu.au)**

Please be advised that not all courses offered by UTAS are available to overseas/international students

[www.utas.edu.au](http://www.utas.edu.au)



**CRICOS Provider Code: 00586B**

**TasTAFE Provider Code: 03041M**

## HOW IS THE ARRANGEMENT STRUCTURED?

You would enrol concurrently at each institution. TasTAFE Tasmania will teach, manage and award the Diploma of Information Technology Networking (ICA50411) and the Advanced Diploma of Computer Systems Technology (ICA60511) and the University of Tasmania will teach, manage and award the Bachelor of Information and Communication Technology.

The arrangement allows you to complete 18 university units organised into two majors (2x8 units) and two student elective units. The BICT component encompasses a major (shown in red) with the essential knowledge and skills required to be an ICT professional. You have a choice of two accompanying majors:

- Software Development (shown in yellow) – with a focus on system design, development, integration and administration;
- Games and Creative Technology (shown in green) – with a focus on software design and development with a games and creative technology orientation.

All graduates will have a depth of knowledge in the areas of software design and development. Depending on your choice of major, you will also have a depth of understanding either in systems integration and administration or in games and creative technology design and development.

It is recommended that students who have not successfully completed TCE MAP5C Mathematics Applied, or an approved equivalent unit, or a higher level Mathematics subject, complete either KMA003 or KMA002 in year 1 or year 2 (in any semester including summer or winter) to have the necessary maths background to complete KIT103.

Students completing the Software Development major can also choose, if they want, to replace KIT304 Server Administration and Security Assurance by another advanced major elective.

Students who choose to complete the Project Management Specialist Skill Set as part of the advanced diploma can replace KIT203 by any KIT intermediate or advanced unit. As part of the advanced diploma students must complete the Application Development Specialist Skill Set and the Website Development Specialist Skill Set.

### Project Management Specialist Skill Set

- ICAPMG609A Plan and direct complex IT projects
- ICAPMG608A Manage IT project systems implementation

### Application Development Specialist Skill Set

Students need to have completed any four of the following modules:

- ICAPRG501A Apply advanced object-oriented language skills
- ICAPRG505A Build advanced user interface
- ICAPRG506A Design application architecture
- ICAPRG507A Implement security for applications
- ICAPRG523A Apply advanced programming skills in another language
- ICAPRG525A Build Java applets
- ICAPRG527A Apply intermediate object-oriented language skills

### Website Development Specialist Skill Set

Students need to have completed any three of the following modules:

- ICAWEB501A Build a dynamic website
- ICAWEB502A Create dynamic web pages
- ICADBS504A Integrate database with a website
- ICAWEB503A Create web-based programs
- ICAWEB508A Develop website information architecture
- CUFDIG502A Design web environments



### Sample Programs

This sample program demonstrates the ICT Professional major (red) and Software Development major (yellow).

Year 1 (Sem 1)	Programming Fundamentals	Diploma (ICA50411)		
Year 1 (Sem 2)	ICT Impact and Emerging Technology			
Year 2 (Sem 1)	ICT Professional Practices	Programming	Advanced Diploma (ICA60511)	
Year 2 (Sem 2)	Computational Science	Artificial Intelligence		
Year 3 (Sem 1)	ICT Project Management and Modelling	Data Structures and Algorithms		
Year 3 (Sem 2)	ICT Solutions Analysis for Business	Software Design and Development		
Year 4 (Sem 1)	ICT Project A	Mobile Application Development	Server Administration and Security Assurance	University Student Elective
Year 4 (Sem 2)	ICT Project B	ICT System Acquisition and Integration	BICT Major Elective	University Student Elective

This sample program demonstrates the ICT Professional major (red) and Games and Creative Technology major (green).

Year 1 (Sem 1)	Programming Fundamentals	Diploma (ICA50411)		
Year 1 (Sem 2)	ICT Impact and Emerging Technology			
Year 2 (Sem 1)	ICT Professional Practices	Games Fundamentals	Advanced Diploma (ICA60511)	
Year 2 (Sem 2)	Computational Science	Programming		
Year 3 (Sem 1)	ICT Project Management and Modelling	Data Structures and Algorithms		
Year 3 (Sem 2)	Software Design and Development	Game Design and Production		
Year 4 (Sem 1)	ICT Project A	Mobile Application Development	Computer Graphics and Animation: Principles and Programming	University Student Elective
Year 4 (Sem 2)	ICT Project B	GCT Major Elective	BICT Major Elective	University Student Elective