

Bachelor of Information Technology

Undergraduate



Course overview

The information technology industry is central to the way we work, learn, play, communicate and socialise. Build a strong foundation with core IT skills you can apply to multiple industries and technologies anywhere in the world. Through Deakin's Bachelor of Information Technology you'll gain the essential skills and experience required to embark on a career in IT, while developing in-depth knowledge in a specialised area of your choosing such as cloud computing, game development or cyber security.

This course will give you the opportunity to explore and experiment in areas like programming, networking, entrepreneurship and user-centred design. You'll undertake a specialised capstone project and access co-working spaces, that enable you to collaborate with like-minded peers and kickstart your own professional network. An honours year is available for high-achieving students interested in undertaking a focused research project.

Course structure

Bachelor of Information Technology

Location: Melbourne Burwood Campus , Geelong Waurn Ponds Campus  and Cloud Campus 

Duration: 3 years full-time study (or part-time equivalent)

Intake: March (Trimester 1), July (Trimester 2)

Deakin code: S326

ATAR score¹:  60.45  60.60  63.10

VTAC code: Melbourne Burwood Campus (1400514441), Geelong Waurn Ponds Campus (1400314441), Cloud Campus (1400614441)

The Bachelor of Information Technology consists of 24 credit points of study, including 15 core IT units (which includes a compulsory internship unit) and the completion of either:

- one IT Major Sequence (6 credit points) and 3 electives, or
- an IT Minor Sequence (4 credit points) and 5 electives, or
- two IT Minor Sequences (8 credit points) and 1 elective.

You will also complete three zero credit point units relating to work placement, safety and academic integrity.

Please visit deakin.edu.au/handbook for more information about this course, including further details of the course structure and units involved.

¹ Lowest selection rank of an applicant to which an offer was made in 2020.

Major sequences

Application Development

Gain the knowledge to thrive in this fast-growing field. You will master skills in planning, developing and managing software projects to build a wide range of profitable web apps, desktop apps, mobile apps and business apps.

Networking and Cloud Computing

By undertaking this major sequence you will learn the concepts and technologies used in Cloud Computing including virtualisation, enterprise networks, and system security. You will develop the expertise required to construct software solutions using public and private cloud infrastructure.

Creative Technologies

Computing technologies are integrated seamlessly into products that we use daily, a trend that will accelerate moving forward. Creative technologists design these products of the future which seamlessly combine innovative computing concepts with the needs and opportunities associated with a 21st century lifestyle. This major sequence provides you with the opportunity to combine your creative talents with your technical knowledge.

Game Design and Development

Video games are a common activity in today's society. Using the latest games engines, you will learn how to develop game implementations for both entertainment and business application purposes. You will develop video games ranging in complexity from small interactive apps to larger PC and mobile based systems, applicable for a wide range of audience types.

Cyber Security

Cyber security is a hot topic globally. Doing business and communicating online is central to the society we live in, so it's more important than ever that the data and systems providing digital services are safeguarded. You will gain knowledge and understanding of challenges faced, and concepts and practices to identify, diagnose and resolve these challenges.

Minor sequences

You may also choose from 9 minor sequences:

- Application Development  
- Networking and Cloud Technologies   
- Creative Technologies  
- Virtual and Augmented Reality  
- Game Design  
- Security Management   
- Cyber Security Network and Operations   
- Embedded Systems  
- Programming  

deakin.edu.au/course/S326



'We are surrounded by technology and it is one of the most important things that keeps the world functioning. We can never stop learning about technology and its importance is quite evident in this day and age. I think this is a field which is extremely interesting and has ample career opportunities.'

Gayatri Joshi

Bachelor of Information Technology student

Course accreditation

The Bachelor of Information Technology is professionally accredited with the Australian Computer Society (ACS), providing international recognition and graduate eligibility for membership of the ACS.

Professional industry experience

As an IT student, you will undertake a core industry-based placement unit as part of your course, which involves a minimum of 100 hours with an approved organisation. An industry-based placement will enable you to experience a professional work environment, develop professional networks and explore career opportunities before you graduate.

For more information, please visit deakin.edu.au/sebe/wil.

Career opportunities

IT is at the heart of innovation and productivity. It shapes the way we live, work, learn, communicate, socialise and entertain ourselves. It's no surprise then that IT graduates are in high demand globally across all industry sectors. Information Technology gives you the contemporary knowledge, skills and experience required for a successful and satisfying career as an IT professional.

Graduates will be highly sought-after for employment in a range of areas. Depending on the major sequence you choose, you could work as a software engineer, a system or business analyst, an apps developer, network engineer, systems architect, web designer, augmented reality creator, security analyst, UX designer or games designer.

An honours year is available to high-achieving students following the completion of this course.

Specialised facilities

Experiential learning and practical exposure to current and emerging technology is a key feature of Deakin's Information Technology (IT) courses.

Deakin regularly invests in its facilities, the specialised IT labs – which include dedicated robotics, cyber security, and Augmented Reality (AR)/Virtual Reality (VR) laboratories – are well-equipped with modern educational technologies and enthusiastic and experienced staff. You will have access to current state-of-the-art software and hardware throughout the course, giving you vital hands-on experience that employers demand.

In your final year, you will also have access to our brand-new specialised capstone project and co-working lab which offers you an inspiring space to collaborate with your teammates on your capstone project.

Find out more at deakin.edu.au/it-facilities.

Interested in applying?

Entry requirements

Entry for applicants with recent secondary education* will be based on their performance in a Senior Secondary Certificate of Education, with pre-requisite units 3 and 4; a study score of at least 25 in English EAL (English as an additional language) or 20 in English other than EAL.

Entry for applicants with previous Tertiary, VET, life or work experience will be based on their performance in:

- Certificate IV in a related discipline OR
- Diploma in any discipline or 50% completion of Diploma in a related discipline OR
- Successful completion of relevant study – equivalent to at least two Deakin University units – at an accredited higher education institution OR
- Evidence of academic capability judged to be equivalent, including Foundation program approved by Faculty Board, or relevant work or life experience

How to apply

Depending on your course, our flexible trimester system means you may be able to start in Trimester 1 (March), 2 (July) or 3 (November).

If you're currently enrolled in Year 12 or a recent secondary applicant (ie. have completed Year 12 in the past two years) your application for Trimester 1 must be made through VTAC, www.vtac.edu.au. Note that when you apply via VTAC, you can't also apply directly to Deakin.

Conversely, if you have previous higher education, VET or work experience, you can apply directly to Deakin.

Applications for Trimester 2 or 3 should be made directly to Deakin via the applicant portal, deakin.edu.au/apply.

* Includes those currently enrolled in Year 12 and those who have completed Year 12 in the past two years.

1800 MYFUTURE (1800 693 888)
myfuture@deakin.edu.au

deakin.edu.au/course/S326

While the information provided here was correct at the time of publication, Deakin University reserves the right to alter, amend or delete details of the course and unit offerings. Last updated August 2020.



Hear what our students have to say
deakin.yt/study-it

APPLY NOW