

Bachelor of Information Technology



Undergraduate

The Information Technology (IT) industry is central to the way we work, learn, play, communicate, socialise and entertain ourselves.

This creates exciting career opportunities in a wide range of industries. Studying IT at Deakin gives you a choice of a diverse range of specialisations to gain the knowledge, skills and experience you'll need to stay ahead in this rapidly changing field.

Course overview

Throughout the course you'll acquire a core set of IT skills that are relevant in almost every industry, including programming, Human Computer Interaction (HCI), User Experience (UX) design, constructing IT solutions and entrepreneurial thinking. You will have the opportunity to choose from a diverse range of IT specialisations according to your interests and career aspirations.

We offer a full range of IT disciplines from the technical to the creative. You can further diversify your studies through elective units in IT and/or complementary study areas.

Course structure

Bachelor of Information Technology

Location: Melbourne Burwood Campus , Geelong Waurin 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:  60.00  55.35  N/A²

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

The Bachelor of Information Technology consists of 24 credit points of study, including 11 core units, at least one major sequence and seven elective units (which may be used to complete a second major sequence).

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 2018.
- 2 The ATAR is 'unpublished'. 'Unpublished' means the course is available at this campus, but the lowest selection rank of an applicant to which an offer was made in isn't available.

Major sequences

Application Development

Gain the knowledge to thrive in this fast-growing field. You'll 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.

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. Further you will develop the expertise required to construct software solutions using public and private cloud infrastructure. You will also complete a study of the Cisco Academy's CCNA Routing and Switching curriculum to learn the skills needed to construct and maintain network infrastructure to effectively support organisational needs in networks and clouds.

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 creatively and 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 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 serious 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'll gain knowledge and understanding of challenges faced, and concepts and practices to identify, diagnose and resolve these challenges.

Virtual and Augmented Reality

Virtual and augmented reality technologies are revolutionising business processes, disrupting the way companies work with complex data sets, and enhancing educational and training practices. They contribute to novel therapies and treatments, allow access to opportunities despite physical and geographical restrictions and have redefined the way we represent and interact with digital media whether it be our holiday souvenir snapshots or the latest interactive gaming experience.



'I've had so many opportunities during my time at Deakin. I've been on study tours to China, Japan and Indonesia. I've also had the chance to complete a 12-month industry placement between my second and third years. These experiences have been so positive and really enhanced my learning at Deakin.'

Bethany Smith
Bachelor of Information Technology graduate

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 professionals are employed across all industry sectors in Australia. 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.

Interested in applying?

Entry requirements

Entry for applicants with recent secondary education (previous three years) will be based on their performance in the Victorian Certificate of Education (VCE) or its equivalent, 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:

- Senior Secondary Certificate of Education with ATAR of at least 50 or equivalent OR
- 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 (in 2018), applications 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, you can apply directly to Deakin for Trimester 1 **if you're not currently enrolled in Year 12** and you haven't submitted a VTAC application (so long as you're just applying for one course).

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

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. Printed August 2018.