Application development
Cloud computing
Computer science
Creative technologies
Cyber security
Data analytics
Game development
Information systems
Information technology
Mathematical modelling
Software engineering
Virtual and augmented reality
IT offers an exciting future. You can study from a diverse range of fields to open up employment opportunities in just about any industry, and contribute to the way we work, socialise, communicate and entertain ourselves. Gain an edge in the job market through the combination of hands-on learning, industry experience and theoretical training at Deakin.

Information technology at Deakin

Valuable links with industry
Our extensive industry connections mean you can make the most of short and long-term workplace initiatives and placements within a field of your choice. The work placement unit in our courses develops transferable skills for your future careers.

You have the opportunity to complete industry capstone projects in your final year of study, to culminate academic and intellectual experiences through the design and execution of real-world industry projects. We also encourage a flexible and unique learning experience through various opportunities studying or volunteering abroad. Visit deakin.edu.au/sebe/international-wil for more information.

Professional recognition
Professional accreditation by the Australian Computer Society (ACS) means your degree is recognised in industry, which is highly regarded by employers. You can also choose to study units at Deakin that lead to Cisco certification, giving you a relevant, practical qualification, as well as an advantage over other graduates when applying for jobs.

Deakin Business School (DBS) is accredited by the Association to Advance Collegiate Schools of Business (AACSB). A hallmark of excellence, AACSB accreditation is awarded to business schools that meet strict standards of quality, academic and professional excellence, and is known worldwide as the most recognised form of professional accreditation an institution and its business programs can earn.

Deakin Business School is one of only three business schools accredited in Victoria.

Experience leading-edge facilities
Deakin regularly invests in its facilities and IT programs, ensuring that from day one of your course you have access to the latest software in fully equipped computer labs. For example, the new Robotics and Internet of Things (RIoT) studio has the latest in computing, robotics and cyber-physical systems. You’ll also have access to professional software products, such as programming IDEs, game engines, VR and content development systems. Specialised software is also available to students, such as professional software development platforms and industry-standard modelling and animation packages.
Information technology
at Deakin

Practical, real-world learning
We recognise the importance of maintaining strong industry links and being closely aligned with the IT industry. IT representatives from leading corporate industries and the government sector guide our curriculum and teaching programs, keeping our courses current and relevant to industry needs, which is key in a sector where change is constant.
Deakin also hosts guest speakers from key industry partners on a regular basis, keeping you abreast of industry trends, as well as providing important networking opportunities.

Tailor your studies to your interests
How you study IT at Deakin depends on your interests and career aspirations. Undertaking a Bachelor of Information Technology degree enables you to gain a core set of skills, as well as specialist skills by selecting from diverse study areas - this means you can tailor your course to suit your interests and explore your strengths. Alternatively, you can choose a specialist IT degree, such as the Bachelor of Cyber Security, Bachelor of Computer Science or Bachelor of Software Engineering (Honours), if you have a focused interest in a specific area and already know your chosen career path.
You can also choose to enhance your IT or information systems (IS) studies by undertaking a combined course or choosing elective units from other disciplines, such as criminology, arts, commerce, law and teaching, expanding your career pathways even further.

Travel the world
Deakin Abroad
Deakin offers various overseas programs, including trimester abroad, short-term partner programs, faculty-led study programs, overseas internships and international volunteering opportunities, with Deakin IT students having studied in a wide range of countries. Each year students have the opportunity to choose from a range of exciting programs, such as the European Innovation Academy, giving students knowledge and hands-on experience with world-renowned entrepreneurs and investors from Silicon Valley to launch new innovations in just 15 days. For more information, visit deakin.edu.au/sebe-wil-and-study-tours.

Global Science and Technology Program
The Global Science and Technology Program is designed to add an international experience to your IT degree, supporting you to develop new skills and a broader world view while studying overseas. You can work in an IT company in Vietnam, study entrepreneurship in Europe or travel to the USA and take a semester of subjects at a partner university, all within your Deakin IT degree. Successful applicants will be offered a monetary scholarship to assist with travel costs and will be required to participate in the Deakin Global Citizenship Program. For more information, visit deakin.edu.au/sebe/global.

Study with the best
Computer science at Deakin is ranked in the top one per cent of universities worldwide, reflecting teaching excellence in a critical Australian industry.
deakin.edu.au/information-technology/research

Learn without limits
Genuine flexibility is a key feature in many of our courses. You can study part or full time in Geelong and Melbourne or online through Deakin’s Cloud Campus.
deakin.edu.au/infotech

‘Information technology is changing the ways in which we communicate, exercise and stay healthy. It affects how we form relationships, how we learn and how we do business’
Professor John Yearwood
Head of School, Information Technology
Disciplines

At Deakin we talk about disciplines, also known as study areas. You might be interested in a particular discipline, but uncertain about the course that’s right for you. Read through these discipline descriptions and, if they interest you, go to the relevant course in the following pages to find out more about the course, what you’ll study, work experience opportunities and the types of careers it may lead to. You can also visit deakin.edu.au for detailed course information, including a description of the units within each degree.

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.
See...
Bachelor of Information Technology, page 8
Bachelor of Information Technology (Honours), page 8
Combined courses, pages 12–13.

Cloud computing
Cloud computing is a major development in the IT industry and has a huge impact on how software solutions are developed, deployed and delivered via the web. By studying cloud computing, you’ll learn about the concepts and technologies involved, such as virtualisation, enterprise networks and system security, and develop the expertise to work in this field. You will also have the opportunity to 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.
See...
Bachelor of Information Technology, page 8
Bachelor of Information Technology (Honours), page 8
Combined courses, pages 12–13.

Computer science
Computer science gives you the skills to design and develop advanced software and systems, along with the capacity to create and integrate new computing technologies that enhance effective business operations in today’s digital age. With a focus on gaining the skills necessary to develop data-driven solutions to existing and emerging problems in areas such as data analytics, robotics and telecommunications.
See...
Bachelor of Computer Science, page 9
Bachelor of Information Technology (Honours), page 8
Combined courses, pages 12–13.

Creative technologies
Computing technologies are integrated seamlessly into products that we use on a daily basis and this trend will accelerate in the future. Creative technologists combine innovative computing concepts with the needs and opportunities associated with a 21st century lifestyle to design the products of the future. The creative technologies major provides you with the opportunity to combine your creative talents with your technical knowledge.
See...
Bachelor of Information Technology, page 8
Bachelor of Information Technology (Honours), page 8
Combined courses, pages 12–13.

Cyber security
The delivery of products and services requires data to be processed, transmitted and stored in a secure cyber-environment. Join the exploratory journey and develop a sound knowledge and understanding of concepts and practices applied in cyber security, along with the capability to identify, diagnose, analyse and manage cyber security challenges. Subject areas include computer crime and digital forensics, cryptography and ethical hacking.
You also have the option to undertake a combined course in cyber security and criminology, which covers a range of topics concerning the meaning of crime; different forms, causes and consequences, along with the different institutions and processes developed for preventing and controlling crime. In the context of cyber security you will learn about securing data and data communication, as well as investigating, analysing and providing solutions to computer crime.
See...
Bachelor of Cyber Security, page 10
Bachelor of Information Technology, page 8
Bachelor of Information Technology (Honours), page 8
Combined courses, pages 12–13.

Data analytics
Data analytics is an integral part of decision-making in all areas of society, including business, finance, government, medicine, research and beyond. Learn the theory, methodologies and techniques that enable you to interpret datasets and uncover hidden patterns in order to make predictions, draw conclusions, drive successful initiatives and make better decisions. There is a particular focus on meaningful analyses in the face of huge amounts of data, where traditional approaches may be impractical. Subject areas include data science concepts, data capture technologies and data mining and machine learning.
See...
Bachelor of Computer Science, page 9
Bachelor of Information Technology (Honours), page 8
Combined courses, pages 12–13.

Game development
The design and development of computer games provides the opportunity to mix creative skills with technical programming expertise. Game design and development skills are used to develop sophisticated computer game software, create compelling interactive mobile applications and develop innovative new products and experiences. Learn how to design, build and manage computer game projects through multidisciplinary teams, using professional approaches and programming languages, within entrepreneurially focused development environments.
See...
Bachelor of Information Technology, page 8
Bachelor of Information Technology (Honours), page 8
Combined courses, pages 12–13.

Courses to careers
At Deakin, we’re about careers and experience, not just courses. Visit explore.deakin.edu.au to kickstart your course and career exploration at Deakin. With more than 600 paired courses and careers, it’s the perfect destination for you to explore your future career.
Disciplines

Information systems
The study of information systems delivers an appreciation of the related managerial roles of business people, the application of technology and the strategic management of vast quantities of information, as well as the information systems supporting today’s modern business organisation. These studies focus on developing and applying information technology solutions to business problems, preparing you for a wide variety of rewarding career opportunities.

See... Bachelor of Information Systems, page 11 Combined courses, pages 12–13.

Information technology
Studying information technology provides you with the knowledge and skills necessary to keep abreast of this rapidly changing field. In addition to gaining a core set of IT skills that are relevant in almost every industry, you have the opportunity to choose from a diverse range of IT majors, from technical (application development, cloud computing and cyber security) to the creative (games development, virtual and augmented reality and creative technologies), depending on your interests and career aspirations.

See... Bachelor of Information Technology, page 8 Bachelor of Information Technology (Honours), page 8 Combined courses, pages 12–13.

Mathematical modelling
Studying mathematical modelling will help you gain powers of analysis, logical thinking and problem-solving, as well as a high level of numerical ability. As a graduate with sought-after skills, you’ll be able to develop complex mathematical models of many real-world phenomena – like tracking climate change – and go on to put these models in practice through smart software, databases and networks.

See... Bachelor of Science, page 12 Bachelor of Science (Honours), page 12.

Software engineering
Create the smart systems of the future. You will acquire specialised skills in computing, robotics and cyberphysical systems, in preparation for a career as an innovative software engineer capable of developing the smart devices and systems of the future.

See... Bachelor of Software Engineering (Honours), page 11 Bachelor of Computer Science, page 9 Bachelor of Information Technology (Honours), page 8.

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 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.

See... Bachelor of Information Technology, page 8 Bachelor of Information Technology (Honours), page 8 Combined courses, pages 12–13.

Circuit ’17 – showcasing the next generation of Deakin IT graduates
An app to track pupil response to light and a secure online voting system were just two of the projects on display at Circuit ’17, a showcase of work produced by Deakin’s School of Information Technology senior students.

The event featured 23 solutions students developed for clients, including mobile, web and software applications, virtual reality experiences, video games, cybersecurity solutions and more.

Dr Greg Bowtell, a lecturer from Deakin’s School of IT, co-chaired the capstone program with Dr Mohamed Abdelazez and organised the event.

‘Showcases are a great way for students to demonstrate their capabilities to a wider audience than just their peers and teaching staff, as we wanted to provide that opportunity for our final-year IT students,’ Dr Bowtell explains.

‘It’s also vital that our students are able to communicate and promote their work and themselves to that wider audience. Networking has never been more important and we hope our guests enjoyed the calibre of work our students have produced.’

Dr Bowtell says student teams spent six months developing a solution for a project sourced from an external, typically industry-based, client.

‘Many of our students’ clients are based in small organisations. Having hands-on time with them and solving complex – and often ill-defined – problems is excellent preparation for new graduates.

‘While many students are destined for graduate roles with large firms, a growing number of students will find opportunities in SMEs and start-ups, sometimes directly through these capstone projects.

‘The realistic experience and adaptability that students gain from this experience is highly valuable in a changing employment market.’

#1 careers service in Victoria
Our Graduate Employment division is dedicated to preparing you for the jobs and careers of the future. Through DeakinTALENT’s programs and services you can research different career options, hone your interview skills, as well as look for casual work while you study or find a graduate job. Visit blogs.deakin.edu.au/deakintalent.
The Bachelor of Information Technology is our most generalist IT course and provides you with the knowledge, skills and experience necessary to keep abreast of this rapidly changing field. In addition to acquiring a core set of IT skills that are relevant in almost every industry, you will have the opportunity to choose from a diverse range of IT major sequences according to your interests and career aspirations. We offer a full range of IT disciplines from the technical (application development, cyber security and cloud computing) to the creative (interactive technologies, games design and virtual and augmented reality). You can further diversify your studies through elective units in IT and/or complementary study areas.

**Honours in information technology**

Deakin’s IT courses allow you to undertake an additional year of specialised study, allowing you to focus on what you’re really passionate about.

- Develop an in-depth knowledge of a particular discipline through research.
- Honours can help you gain entry into further research study.
- It gives you a competitive edge in the job market.

**Industry certification**

In addition to studying towards a Bachelor of Computer Science, students have the opportunity to undertake industry certification curriculum, such as the Cisco Certified Network Associate (CCNA) through Deakin’s Cisco Academy.

**Courses**

**Bachelor of Information Technology**

The Bachelor of Information Technology is our most generalist IT course and provides you with the knowledge, skills and experience necessary to keep abreast of this rapidly changing field. In addition to acquiring a core set of IT skills that are relevant in almost every industry, you will have the opportunity to choose from a diverse range of IT major sequences according to your interests and career aspirations. We offer a full range of IT disciplines from the technical (application development, cyber security and cloud computing) to the creative (interactive technologies, games design and virtual and augmented reality). You can further diversify your studies through elective units in IT and/or complementary study areas.

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In addition to studying towards a Bachelor of Computer Science, students have the opportunity to undertake industry certification curriculum, such as the Cisco Certified Network Associate (CCNA) through Deakin’s Cisco Academy.

**Bachelor of Computer Science**

The Bachelor of Computer Science equips you with the knowledge and practical skills required to design and develop innovative software solutions to complex information and technology problems. Under the direction of our internationally recognised academic staff, gain practical experience in our modern computing laboratories and develop a comprehensive knowledge of computer systems and networks, data management and information processes, human computer interaction, programming and software development, computing theory, mathematical methods, algorithm design and analysis. This course is ideal if you are passionate about creating solutions to complex problems, curious about how something works, rather than simply what it does, and interested in working at the leading edge of technology innovation and development.

You also develop skills in critical thinking, problem-solving, team work and communication through a variety of platforms. Hands-on experiential learning is a key component of this course, with access to specialised computer laboratories, the opportunity to study for industry certifications and to learn from professional industry guest lecturers.

**Professional recognition**

This course is accredited by the Australian Computer Society. Graduates of accredited courses are highly regarded by employers.

**Course structure**

24 credit points – 11 core units (including a compulsory IT placement), at least one IT major sequence and seven elective units (which may be used to complete a second major study). An honours year is available for high-achieving students upon completion of this degree.

**Majors**

- Application development
- Cloud computing
- Creative technologies
- Cyber security
- Game development
- Virtual and augmented reality

deakin.edu.au/courses/find-a-course/information-technology
Australian Computer Society (ACS) accreditation means your degree is Professional recognition

You’ll learn how to identify, diagnose, analyse and manage the challenges of cyber security. You’ll cover areas such as computer crime and digital forensics, evaluating software for security vulnerabilities, designing secure databases, securing operating systems, assessing and reinforcing the security of websites, integrating security requirements into new developments, designing secure network architectures, performing risk assessments and responding to cyber security incidents.

Learn professional skills in critical thinking and problem solving. You’ll be able to apply the benefits from it. Deakin’s Bachelor of Cyber Security provides you with a solid foundation of cyber security literacy and technical and investigative skills required by industry to combat cyber crime. Gain strong practical and theoretical knowledge in this critical area of IT, with an emphasis on understanding and assessing cyber security in a working environment, knowledge of security solutions and an understanding of the business, ethical and legal implications of risk management.

The course focuses on technical elements and sets you up with strong skills in critical thinking and problem solving. You’ll be able to apply your learning in the workplace, and capacably deal with imminent threats and challenges from the digital space where interconnected vehicles, drones, smart home gadgets, mobile and wearable devices, and health-kits prosper.

Professional recognition

Australian Computer Society (ACS) accreditation means your degree is recognised in industry, resulting in better job outcomes.

Bachelor of Cyber Security

Deakin’s Bachelor of Cyber Security provides you with a solid foundation of cyber security literacy and technical and investigative skills required by industry to combat cyber crime. Gain strong practical and theoretical knowledge in this critical area of IT, with an emphasis on understanding and assessing cyber security in a working environment, knowledge of security solutions and an understanding of the business, ethical and legal implications of risk management.

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Professional recognition

Australian Computer Society (ACS) accreditation means your degree is recognised in industry, resulting in better job outcomes.

Careers

Career options include work as a security analyst, project manager, security system manager, cryptographer, business analyst, consultant, security system developer or programmer, information security auditor, law enforcement personnel or IT security engineer.

Work experience

This course includes a core IT placement unit, where you will be required to undertake a minimum of 100 hours in industry, providing professional work experience with an approved host organisation. Students will also have an opportunity to work on industry projects, gaining experience in entrepreneurship and business skills.

Course structure

24 credit points – 17 core units (which includes a compulsory IT placement unit) and seven elective units. An honours year is available for high-achieving students upon completion of this degree.

deakin.edu.au/courses/find-a-course/information-technology/cyber-security

Bachelor of Information Systems

We are living through one of the greatest periods of innovation in history, driven by technology and digital advancement. With the massive rise of social media, computers and mobile devices, most of us take the use of technology for granted. Information systems (IS) is about how people and organisations can use technology in innovative and effective ways in an increasingly globalised and digital world. Being an IT professional is about building the bridge between people, business and technology. You’ll learn about the use of technology in the modern world and how to maximise the benefits from it. If you are creative, enjoy working with people and are excited by the limitless opportunities of the digital world, consider adding IS to your career options.

Professional recognition

Completion of the Bachelor of Information Systems and associated combined courses grants eligibility for entry as a professional member of the Australian Computer Society (ACS).

Careers

Information systems is the lifeline of the modern business world. In fact, IS professionals are in demand around the world, with one of the highest starting graduate salaries in Australia. The Bachelor of Information Systems prepares students for graduate roles across every industry, and across all continents. Career opportunities include: business analyst, systems analyst, IT/IT consultant, project manager, chief information officer.

Work experience

Work experience is a core component of this degree. An ‘Industry on Campus’ program facilitates formal engagement between students and employers. Our program aims to ensure students have every opportunity to work with IS graduates and professionals every trimester – giving them a head start in their career.

Course structure

24 credit points – up to 17 credit points of core units (including one work-integrated learning unit) and up to 8 credit points of unspecified elective units (which may include a 6- or 8-credit point major sequence). See also related combined courses, pages 12–13.

deakin.edu.au/infosys

deakin.edu.au/courses/find-a-course/information-technology/software-engineering

Bachelor of Software Engineering (Honours)

The Bachelor of Software Engineering (Honours) is an innovative course focusing on software engineering, cyber-physical systems and robotics applications, producing sought-after graduates who will create the technologies of the future.

The rapid advancement of sensing and computing hardware supporting smart, connected devices is driving growing demand for software engineers who can move beyond traditional technologies such as web and database systems.

Work experience

This course includes a core professional industry experience unit, where you will be required to undertake a minimum cumulative total of at least 60 working days of industry experience during your degree. You will have an opportunity to use your elective units to apply for an industry-based learning position or alternatively, a short-term Career or STEM Placement to work on industry projects, gaining experience in entrepreneurship and business skills.

Careers

As a graduate software engineer you will be well-equipped for employment in diverse areas in the software engineering industry, building the next generation of Artificial Intelligence-powered software systems. You will have access to a wide range of industries, such as smart cities, digital health, precision agriculture and manufacturing automation.

Course structure

32 credit points – 22 core units (totaling 28 credit points) and four elective units.

deakin.edu.au/courses/find-a-course/information-technology/software-engineering

Join the Peer Support Network Program

The Faculty of Science, Engineering and Built Environment and the Deakin Business School offer Peer Support Network Programs as part of a commitment to providing new students with the best possible transition into university life. By joining the program, first-year students receive support and guidance from more senior students in their course, helping them to become familiar with the support services and facilities available, while gaining useful tips about how to make the most of your time while studying at Deakin.

deakin.edu.au/sebe/students/peer-support-network

Kana Ando

Bachelor of Cyber Security student

Deakin University

Bachelor of Cyber Security

Bachelor of Information Systems

Bachelor of Software Engineering (Honours)

Careers

Professional recognition

Course structure

Join the Peer Support Network Program

Kana Ando

Bachelor of Cyber Security student
Global Science and Technology Program

The Global Science and Technology Program at Deakin is designed to help you add an international experience to your IT degree, supporting you to develop new skills and a broader world view while studying overseas. Successful applicants will be offered a scholarship of $3000 to assist with travel costs and will participate in the Deakin Global Citizenship Program.

How to apply

The program is open to current Year 12 students. You apply via a two-stage process. First, add the Global Science and Technology Program in your list of course preferences through VTAC, followed by your undergraduate course of interest as a lower preference. Second, complete the Global Science and Technology Program Supplementary application form, which is available on Deakin’s website.

Take a look at where past students have gone at deakin.edu.au/sgtp.

The program provides an opportunity to gain valuable work experience that will support you to develop new skills and a broader world view while studying overseas. Successful applicants will be offered a scholarship of $3000 to assist with travel costs and will participate in the Deakin Global Citizenship Program.

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The program is open to current Year 12 students. You apply via a two-stage process. First, add the Global Science and Technology Program in your list of course preferences through VTAC, followed by your undergraduate course of interest as a lower preference. Second, complete the Global Science and Technology Program Supplementary application form, which is available on Deakin’s website.

Take a look at where past students have gone at deakin.edu.au/sgtp.

Bachelor of Commerce

Deakin’s Bachelor of Commerce is a popular choice, with its solid foundation in business studies and flexibility to choose from 9 majors and 15 minors. As a Bachelor of Commerce student you study a core of eight units and then choose a major and a minor as you progress through your degree. This flexible structure enables you to tailor your degree for maximum employment opportunities. Deakin’s Bachelor of Commerce is internationally recognised and EPAS accredited by the European Foundation for Management Development (EFMD). The Bachelor of Commerce can lead to accreditation with a wide range of professional bodies, dependent on majors selected.

Bachelor of Commerce majors and minors that are related to information technology and information systems are business analytics and management information systems.

Find out more at deakin.edu.au/studybusiness.

Note: Not all majors and minors are available at all campuses.

* Trimester 3 intake is only available at Melbourne Burwood Campus, Geelong Waterfront Campus and Cloud Campus. For International students, Cloud Campus and Melbourne Burwood Campus only.

Bachelor of Science

Deakin’s Bachelor of Science is a flexible degree that allows you to explore a diverse range of science-related study areas and specialise in at least one area of interest as you progress through the course. If you’re interested in IT, you may wish to consider undertaking a major in mathematical modelling. Studies in mathematical modelling provide you with a strong critical knowledge base and develops powers of analytical, logical thinking and problem solving, as well as a high level of numerical ability. An honours year is available for high-achieving students upon completion of this degree.

Combined courses

Bachelor of Information Systems/Bachelor of Information Technology

In today’s IT job market multiskillling, multitasking and cross-skilling are highly valued. On a daily basis, we all use some form of IT or IS for business processes and management, creative output or communication. With the information and communications technology sector thriving, graduates of this course are well placed for a successful career in management of IT in business, industry or government.

Professional recognition

Australian Computer Society (ACS).

Course structure

32 credit points – 14 core units and two elective units (Bachelor of Information Systems) and 16 credit points (Bachelor of Information Technology – eight IT core units, one information technology major sequence and two information technology course grouped units).

Bachelor of Commerce/Bachelor of Information Systems

This course allows you to combine studies in information systems with studies in commerce, such as accounting, finance, economics, marketing and management, leading to a broad range of technology-enabled business careers.

Professional recognition

Deakin’s Bachelor of Commerce is internationally recognised and EPAS accredited by the European Foundation for Management Development (EFMD). The Bachelor of Commerce can lead to accreditation with a wide range of professional bodies, dependent on majors selected.

Deakin Business School (DBS) is accredited by the Association to Advance Collegiate Schools of Business (AACSB). Only five per cent of business programs worldwide are AACSB accredited and DBS is one of only three in Victoria.

Course structure

32 credit points – 16 credit points (Bachelor of Information Systems) and 16 credit points (Bachelor of Commerce, including at least one commerce major).

* Trimester 3 intake is not available to international students.

Bachelor of Criminology/Bachelor of Cyber Security

Deakin’s Bachelor of Criminology/Bachelor of Cyber Security is the only degree of its kind in Australia. Bringing together two independent degrees, the course provides you with skills in securing data and data communications, as well as investigating, analysing and providing solutions to computer crime.

Professional recognition

Australian Computer Society (ACS).

Course structure

32 credit points – 16 credit points (Bachelor of Criminology) and 16 credit points (Bachelor of Cyber Security).

* Trimester 3 intake is not available to international students.

I like that we use real industry tools and packages in the data science classes and I appreciate how available the teaching staff are. Getting involved with the Deakin Incubator Group was a great experience and gave me a chance to get into a real project with unique challenges.

Chris Williams
Bachelor of Computer Science student
New Colombo Plan Scholarship recipient

deakin.edu.au/courses/find-a-course/information-technology

deakin.edu.au/courses/find-a-course/business/information-systems

deakin.edu.au/courses/find-a-course/humanities-and-social-sciences/criminology
Applying to Deakin

How do I apply?

Applying for your undergraduate degree at Deakin couldn’t be easier. Most applications are straightforward and easy to complete. Follow these steps to make the process as simple as possible. Visit deakin.edu.au/courses/how-to-apply.

1. Find your course
Browse from the hundreds of exciting undergraduate courses we have on offer at deakin.edu.au. Undergraduate courses at Deakin generally begin in March, and some courses also have intakes in July and November. Once you find the course you’re after, make sure you understand the entry requirements, application methods and application dates.

2. Understand the entry and documentation requirements
Make sure you understand the entry requirements for your chosen course by reading the course page carefully (online at deakin.edu.au/course or in this booklet). For recent secondary education applicants, in addition to the listed ATAR, some courses may require you to have studied a prerequisite subject(s), while others may also require you to provide extra materials, such as a portfolio or personal statement.

Selection requirements for non-Year 12 applicants may include personal statement, entrance tests as specified, e.g. STAT (Special Teritary Admissions Test), or the non-academic assessment (for all applicants to teaching courses), supplementary information form, audition, interview or folio presentation.

3. Gather supporting documents
When applying direct to Deakin as a non-Year 12, it’s important to attach any requested supporting documentation, which may include a CV, academic transcripts, STAT results or a personal statement, otherwise your application may be delayed. We recommend gathering all this documentation before you commence the application process to ensure you can complete it in one sitting.

4. 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 a recent secondary education applicant, applications for Trimester 1 should be made through VTAC (vtac.edu.au). If you are a non-Year 12 applying for Trimester 1 or for one Deakin course only, you may apply direct to Deakin.*/

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


Contact us
There are many different ways you can get into an undergraduate course at Deakin. No matter your ATAR or education history, we’re here to help you find your pathway to Deakin. Give us a call on 1800 693 888 to discuss your options or email myfuture@deakin.edu.au. You can also try our Pathway Finder tool and explore the options that may be available to you at deakin.edu.au/courses/entry-pathways/pathway-finder.

What type of applicant am I?
Recent secondary education applicant
• Current Year 12 student
• Completed Year 12 in 2017 or 2016
• Interstate Year 12 student
• New Zealand school leaver
• International Baccalaureate (IB) student
• Gap-year student

Non-Year 12 applicant
• Applicants with higher education study
• Applicants with VET study
• Applicants with work and life experience

For more information on admission requirements and the type of applicant you are, visit deakin.edu.au/courses/how-to-apply. You can also call us on 1800 693 888 to discuss your options.

Global Science and Technology Program*
Applicants must meet the prerequisites for their specific information technology course preference. EXTRA REQUIREMENTS: All applicants must complete and submit the Global Science and Technology Program Supplementary Information Form (deakin.edu.au/ite/global).

Course and entry requirements

<table>
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<tr>
<th>Course and ATAR</th>
<th>Course duration</th>
<th>Trimester intakes</th>
<th>Domestic fee*</th>
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<td>Bachelor of Information Technology</td>
<td>1326</td>
<td>3 T1, T2</td>
<td>$9137</td>
<td>$30,200</td>
<td>6/6</td>
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</table>

Get work ready – we are the #1 university for skills development
Deakin integrates real-world expertise with practical skills to give you a competitive edge – proven by Deakin being ranked the #1 university for skills development in Victoria.*

This means you graduate:
• highly skilled
• work ready
• in-demand from employers.

* 2016 Student Experience Survey. 
### Bachelor of Criminality/Bachelor of Cyber Security (D380)

<table>
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<tr>
<th>Course and entry requirements</th>
<th>Campus and ATAR</th>
<th>Course duration</th>
<th>Trimester intakes</th>
<th>Domestic fee</th>
<th>International fee*</th>
<th>IELTS^</th>
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### Gain IT expertise plus experience

Deakin offers internships in its Information, Security & Risk Division, with students working alongside eSolutions cyber security experts. Deakin’s Director of Information, Security & Risk, Sanjeev Verma, says Deakin is playing a key role in helping to address a skills shortage in the industry. The Federal Government has predicted that demand for cyber security experts will grow by more than 20 per cent over the next five years.

The practical experience these students have will give employers absolute confidence that Deakin graduates will not only have the required expertise – they will also have the required operational experience,
WARRNAMBOOL

5 August 2018
9.00 am–3.00 pm
Princes Highway,
Warrnambool Victoria

GEELONG WAURN PONDS

19 August 2018
9.00 am–3.00 pm
75 Pigdons Road,
Waurn Ponds Victoria

GEELONG WATERFRONT

19 August 2018
9.00 am–3.00 pm
1 Cheringhap Street,
Geelong Victoria

MELBOURNE BURWOOD

26 August 2018
9.00 am–3.00 pm
221 Burwood Highway,
Burwood Victoria

1800 MYFUTURE (1800 693 888)
deaakin.edu.au

Information technology