

# Information technology



Artificial intelligence  
Business analytics  
Cloud computing and networking  
Computer science  
Creative technologies  
Cyber security  
Data science  
Games and application development  
Information systems  
Information technology  
IT services and strategy  
Software engineering  
Virtual reality

# Explore a constantly evolving industry

Whether you want to investigate cyber attacks or identify hidden patterns in big data, our IT courses offer an immersive learning experience. Access the latest technology and facilities, pursue industry internships to succeed in your course, and stand out to future employers.

## Acknowledgement of Country

Deakin University acknowledges the Traditional Custodians of all the unceded lands, skies and waterways on which Deakin students, staff and communities come together. As we learn and teach through virtually and physically constructed places across time, we pay our deep respect to the Ancestors and Elders of Wadawurrung Country, Eastern Maar Country and Wurundjeri Country, where our physical campuses are located. We also acknowledge the many First Nations from where students join us online and make vital contributions to our learning communities.

# Your future in information technology

## Practical, real-world learning

Working with the likes of local government, sports industry and cyber security consultants, you'll 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.

You'll carry out this industry-based project in Deakin's DISCOVERY Lab, created as a design thinking and ideation space for students. That's in addition to the opportunity you'll get to go out to industry through a six-week to three-month work-integrated learning (WIL) internship.

## Enjoy state-of-the-art facilities

From the first day of your course, you'll have access to the latest software in fully equipped computer labs. Our specialised labs include robotics, cyber security and VR, as well as modern, educational technologies. You'll have access to:

- **Robotics and Internet of Things (RIoT) Lab** – Equipped with the latest in computing robotics and cyber-physical systems. You'll have access to professional software products such as programming IDEs, games engines, VR and content development systems.
- **Deakin DISCOVERY Lab** – Featuring high-end workstations and equipment and flexible learning spaces that mimic modern-day work environments. You'll be able to work on real industry projects in an agile project and collaborative lab set-up, giving you a taste of the real world.

Find out more at [deakin.edu.au/it-facilities](https://deakin.edu.au/it-facilities).

## Gain professional recognition

All of our IT courses are professionally accredited by the Australian Computer Society (ACS), resulting in stronger job outcomes with an industry-recognised degree.

Our IT course options are:

- Bachelor of Artificial Intelligence
- Bachelor of Artificial Intelligence (Honours)<sup>1</sup>
- Bachelor of Business Analytics
- Bachelor of Computer Science
- Bachelor of Computer Science (Honours)<sup>1</sup>
- Bachelor of Cyber Security
- Bachelor of Cyber Security (Honours)<sup>1</sup>
- Bachelor of Data Science<sup>1</sup>
- Bachelor of Data Science (Honours)<sup>1</sup>
- Bachelor of Information Technology
- Bachelor of Software Engineering (Honours).

1 New in 2023, this course is currently undergoing accreditation.





# Your future in information technology

## Explore our industry-informed courses

Study courses that are kept current and relevant to industry needs. All our IT courses are informed by IT professionals from leading technology companies, business and the government sector, guiding our curriculum and teaching programs, to ensure you graduate work ready.

You'll also stay up-to-date with industry trends and network with guest speakers from key industry partners, who we host on a regular basis.

## Learn from the best

Deakin is ranked in the top 100 universities globally for computer science and engineering,<sup>1</sup> as well as in the top 1% of universities worldwide for computer science and information systems,<sup>2</sup> reflecting teaching excellence in a critical Australian industry. So when you choose Deakin, you can be confident you're securing a world-class education – and a bright future.

[deakin.edu.au/information-technology/research](https://deakin.edu.au/information-technology/research)

## Gain international experience

Explore our various overseas programs, including trimester abroad, short-term partner programs, faculty-led study programs, overseas internships and international volunteering opportunities. Each year students have the opportunity to choose from a range of exciting programs, such as the Entrepreneurship and Innovation Summer School, giving them knowledge and hands-on experience with world-renowned entrepreneurs and investors from Silicon Valley to launch new innovations in just 15 days.

Students will also have the opportunity to participate in virtual internship programs with our global partners such as Vellore Institute of Technology in India and Financing and Promoting Technology in Vietnam. This allows students to work on real-world projects through online platforms under the supervision of world-class professionals.

[deakin.edu.au/overseas-study](https://deakin.edu.au/overseas-study)

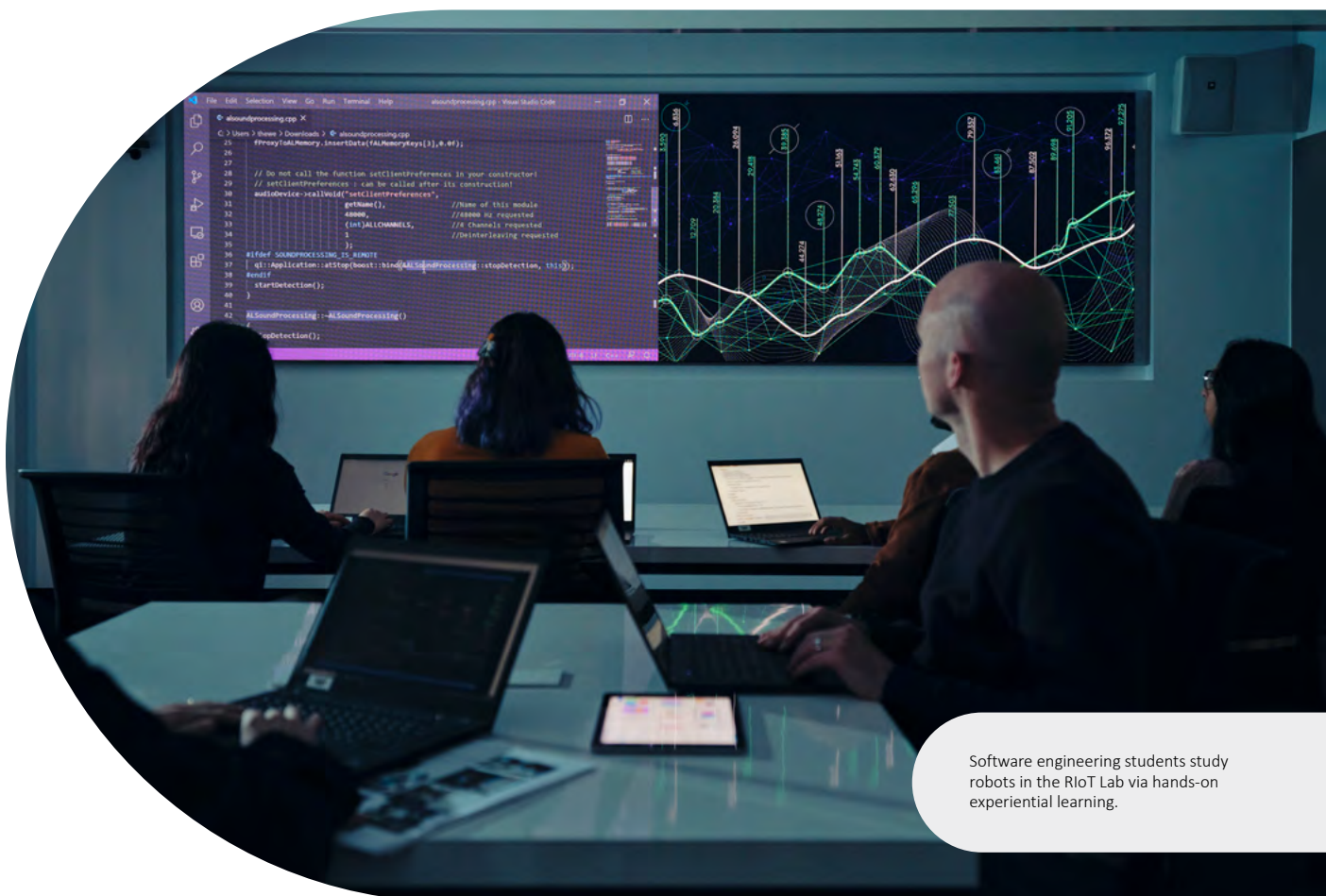
## Move your career forward

IT skills are applicable in more than just the information and communications technology (ICT) sector and can open up employment opportunities in just about any industry. You'll also develop important skills in critical thinking, analysis, investigation, problem-solving and evidence-based decision-making.

- 1 2022 Academic Ranking of World Universities.
- 2 2022 QS World University Rankings by Subject.



# Your future in information technology



Software engineering students study robots in the IoT Lab via hands-on experiential learning.

## Be rewarded for your hard work

A Deakin scholarship is more than just a financial boost. It is our chance to acknowledge your accomplishments and reward your hard work, setting you on the path to success at university. Our extensive scholarship program includes three key scholarships:

- Vice-Chancellor's Academic Excellence Scholarship
- Deakin Scholarship for Excellence
- Deakin Student Support Scholarship.

We also offer a range of donor- and government-funded scholarships. Each is unique with differing criteria, rewarding aspiring students from diverse backgrounds.

[deakin.edu.au/scholarships](https://deakin.edu.au/scholarships)

'Advances in computer science and information technology are changing the world around us. With a computing qualification from Deakin, you will be ready to shape the future.'

**Associate Professor Andrew Cain**

Associate Head of School, Learning,  
School of Information Technology

# Disciplines

Your dream course starts here. Take a look through our disciplines (also known as study areas) to choose your area of expertise. Knowing which discipline you're interested in helps career advisers find the best course for you. Corresponding courses are featured in the following pages, so you can learn more about what you'll study, available work experience opportunities and the types of careers you could pursue. Visit [deakin.edu.au/information-technology](https://deakin.edu.au/information-technology) for detailed discipline and course information, including a description of the units within each degree.

## Artificial intelligence

Artificial intelligence (AI) is driving digital disruption and enabling us to utilise the power of machines for intelligent automation. Study at Deakin and gain the skills to develop AI-driven software solutions that ensure artificial intelligence is ethically integrated.

## Business analytics

Use technology to analyse, present and support decision-making using 'big data' held by an organisation. Business analytics looks at the way businesses structure their information architecture, and the ways people and organisations can use technology to improve their processes and workflows, and inform the innovation of their products or services.

## Cloud computing and networking

A major development in the IT industry, cloud computing has a huge impact on how software solutions are developed, deployed and delivered via the web. 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'll also have the opportunity to learn the skills to construct and maintain network infrastructure to effectively support organisational needs in networks and clouds.

## Computer science

Acquire 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. You'll focus on gaining the skills necessary to develop data-driven solutions to existing and emerging problems in areas such as data science, robotics and telecommunications.

## Creative technologies

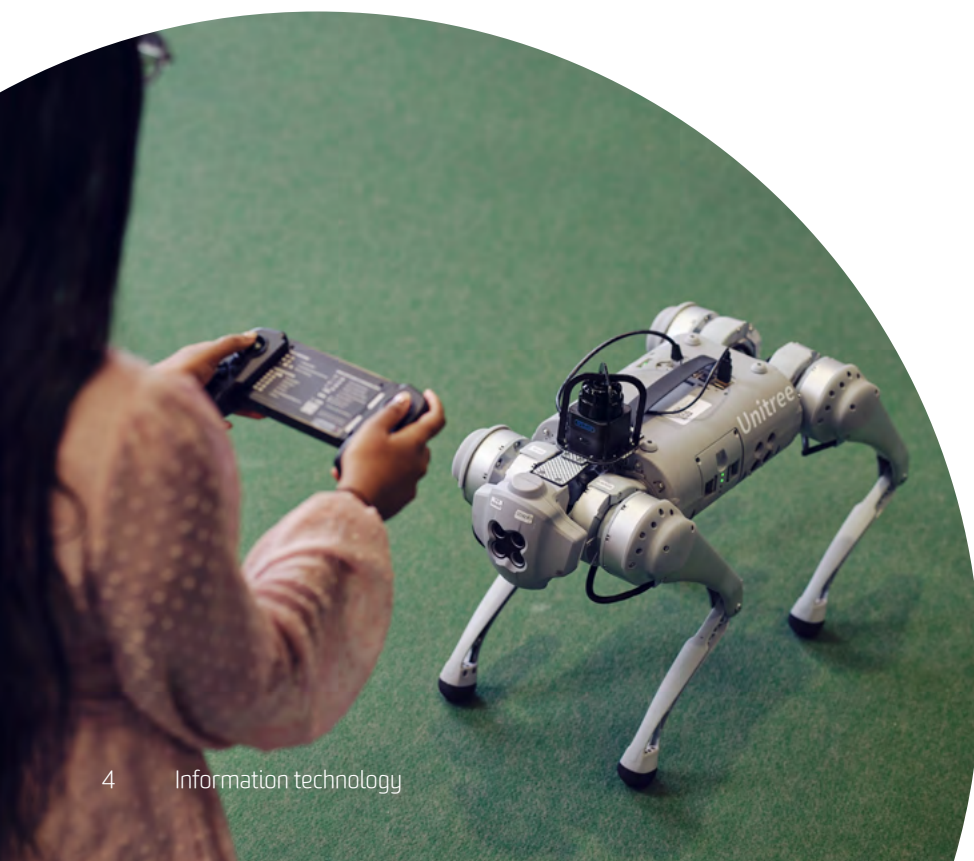
Use your creative and technical skills to explore interactive media design, game design, robotics systems and creative technologies production. Enhance your ability to design and build the innovative computing products that will help meet 21st century needs.

## 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, system security, cyber security risk management and ethical hacking. You'll also have an opportunity to undertake four industry certifications.

## Data science

An integral part of decision-making in all areas of society. You can apply data science in business, finance, government, medicine, research and beyond. Learn the theory, methodologies and techniques that enable you to interpret datasets and uncover hidden patterns 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.





# Disciplines

## Games and application development

Mix creative skills with technical programming expertise to design and develop computer games. These 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.

## Information systems

Work in a globally significant field where you'll implement cutting-edge technologies to solve business problems. If you have a passion for new technologies, business analytics and eBusiness, a career in information systems may be for you.

## Information technology

Gain the knowledge and skills necessary to keep abreast of this rapidly changing field. As well as developing a core set of IT skills that are relevant in almost every industry, you can choose from a range of IT majors, from the technical (application development, networking and cloud computing and cyber security) to the creative (games design and development and creative technologies), depending on your interests and career aspirations.

## IT services and strategy

Learn how emerging technologies can be leveraged to drive digital transformation, innovation and increase business productivity. Study IT services and strategy to build your skills and help lead IT strategy and transformation initiatives.

## Software engineering

Create the smart systems of the future. You'll acquire specialised skills in computing, robotics and cyber-physical systems, in preparation for a career as an innovative software engineer capable of developing the smart devices and systems of the future.

## Virtual reality

Virtual and augmented reality has redefined the way we represent and interact with digital media. It can revolutionise business processes, assist in understanding complex data sets, and enhance educational and training practices without physical or geographical restrictions. The technology can provide novel therapies and treatments, support new forms of sharing and social interaction, and be used in gaming.

## ▶ Explore our IT facilities

Explore Deakin University's IT facilities at our Melbourne Burwood Campus.

Scan to explore



## Award-winning university career service<sup>1</sup>

DeakinTALENT will prepare you to secure the jobs of tomorrow. Our award-winning service is available to you from day one and will support you for the rest of your career. You'll have lifetime access to career coaching, industry networking opportunities and a comprehensive suite of digital resources helping you develop the most employable version of yourself.

[deakintalent.deakin.edu.au](https://deakintalent.deakin.edu.au)

<sup>1</sup> Australian Graduate Recruitment Industry Awards 2017, 2018, 2019, 2020 winner for most popular career service in Australia; Employability award, 2021 Australian Financial Review Higher Education Awards.

# Courses

Deakin code	X123	Online	O
ATAR	70.00	Melbourne Burwood Campus	B
Not published	NP	Geelong Waterfront Campus	WF
Course duration in years	3	Geelong Warrnambool Campus	WP
Trimester	T	Warrnambool Campus	WB

## Bachelor of Information Technology

S326 O NP B 61.05 WP 65.95 3 T1, T2

The information technology industry is central to the way we work, learn, play, communicate and socialise. Build a solid foundation for your future career with core IT skills suitable across multiple industries. During Deakin's Bachelor of Information Technology, you will gain the essential skills and experience required to embark on a career in IT, while developing specialist knowledge in an industry-relevant major study area of your choosing.

### Careers

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. Information technology gives you the contemporary knowledge, skills and experience required for a successful and satisfying career as an IT professional.

Graduates will be able to choose from specialist IT roles which align to their selected expertise such as:

- application, software or game developer
- augmented reality creator
- mobile and apps developer
- multimedia designer or developer
- network specialist
- project manager
- security architect
- solutions architect
- technical architect
- UX designer
- web designer or developer.

Alternatively, you can apply your skills in non-traditional fields, such as healthcare, education, government and business.

### Work experience

This degree includes a core IT placement, where you'll be required to undertake a minimum of 100 hours in professional work experience with an approved host organisation. Alternatively, high-achieving students can undertake an extended, full-time, paid, industry-based learning placement of 6–12 weeks (conditions apply, please refer to [deakin.edu.au/sebe/wil](https://deakin.edu.au/sebe/wil)). You'll also work on industry projects, gaining experience in entrepreneurship and business skills.

### Professional recognition

Deakin's Bachelor of Information Technology is professionally accredited with the Australian Computer Society (ACS).

### Majors

- Application development O B
- Cloud native application development O B
- Cyber security O B WP
- Networking and cloud computing O B WP

### Minors

- Application development O B
- Cyber security network operations O B WP
- Embedded systems O B
- Game design O B
- Network and cloud technologies O B
- Programming O B
- Security management O B WP
- Virtual and augmented reality O B



## What the future holds for the IT crowd

Imagine yourself as an Information Technology (IT) professional. What do you see? A lone programmer hidden in a back office surrounded by screens? Or, a versatile business influencer?

Once upon a time, IT was the role of a single department within a business. Its role was reactive: fix problems and make sure strategy was supported by functional systems.

But today, as technology becomes more integrated into our lives, working in IT can be so much more, and can lead to a lucrative career.

### The changing role of IT in the workplace

The 2022 edition of the Australian Computer Society's publication, *ACS Australia's Digital Pulse*, says that 55% of Australia's tech workers are employed in non-tech industries.

Sophie McKenzie, a lecturer in Deakin's School of Information Technology, says that's because IT is everywhere.

'IT is life! All graduates, in both a personal and professional sense, will be engaging with IT on some level. In their professional life they will be engaging with IT either as an IT professional or as a part of another role,' she says.

As technology continues to fundamentally change the way many businesses operate, IT opportunities are in increasingly high demand. In fact, the 2022 *ACS Australia's Digital Pulse* predicts that by 2024 the number of technology workers in Australia will pass 1 million and will continue to grow to over 1.2 million by 2027.





# Courses

Deakin code	X123	Online	O
ATAR	70.00	Melbourne Burwood Campus	B
Not published	NP	Geelong Waterfront Campus	WF
Course duration in years	3	Geelong Warrnambool Campus	WP
Trimester	T	Warrnambool Campus	WB

## Bachelor of Information Technology *continued*

### Course structure

This 24-credit-point course consists of 12 core units, three IT capstone units and the completion of one of the following options:

- one IT major sequence (6 credit points) and three elective units
- an IT minor sequence (4 credit points) and five elective units
- two IT minor sequences (8 credit points) and one elective unit.

	Trimester 1	Trimester 2
<b>Year 1</b>	Introduction to Programming Computer Systems Real World Practices for Cyber Security Data Science Concepts	Information Technology Systems and Innovation Database Fundamentals Introduction to Responsive Web Apps Business Requirements Analysis
<b>Year 2</b>	User Centred Design Communicating Information Technology Innovations Major/minor Elective	Information Technology Innovations and Entrepreneurship Professional Practice in Information Technology Major/elective Major/minor
<b>Year 3</b>	Team Project (A) – Project Management and Practices OR elective Major/minor Major/elective Elective	Professional Practice (2 credit points) OR Team Project (B) – Execution and Delivery AND IT Placements and Industry Experience Major/minor Elective

► Ready to find out more? Visit our course webpage for full details including pre-course and entry requirements, unit selection options and campus and trimester availability for domestic and international students, and more. [deakin.edu.au/course/S326](https://deakin.edu.au/course/S326)

## #1 Victorian university for course satisfaction

Year on year, Deakin's students have the highest course satisfaction rate of all Victorian universities.<sup>1</sup> We've ranked this highly for the past 13 years, with our students being particularly happy with our:

- teaching
- learning resources
- student support
- skills development
- learner engagement.

<sup>1</sup> Australian Graduate Survey 2010–2015, Graduate Outcomes Survey 2016–2022, Quality Indicators for Learning and Teaching (QILT).

## Honours in information technology

Deakin's specialised four-year IT honours courses let you undertake an inbuilt additional year of study, so you can focus on what you're really passionate about.

- Develop an in-depth knowledge of a particular discipline through research.
- Gain entry into further research study.
- Get a competitive edge in the job market.

### Choose your specialisation

- Bachelor of Computer Science (Honours) (page 9)
- Bachelor of Artificial Intelligence (Honours) (page 11)
- Bachelor of Cyber Security (Honours) (page 13)
- Bachelor of Data Science (Honours) (page 15)

### ► The student experience

Study from a diverse range of fields and open up employment opportunities in just about any industry. IT is a constantly evolving industry and offers an exciting future. [deakin.yt/study-it](https://deakin.yt/study-it)



# Courses

Deakin code	X123	Online	O
ATAR	70.00	Melbourne Burwood Campus	B
Not published	NP	Geelong Waterfront Campus	WF
Course duration in years	3	Geelong Warrnambool Campus	WP
Trimester	T	Warrnambool Campus	WB

## Bachelor of Computer Science

S306 O 67.10 B 63.25 3 T1, T2

This course equips you with the knowledge and practical skills needed to design and develop innovative software solutions to the multifaceted information and technology problems faced by our community, business and industry. Learn what it takes to create and integrate complex new computing technologies while exploring existing and emerging challenges. You will explore areas such as data analytics, machine learning, robotics, intelligent and autonomous systems, and telecommunications.

### Professional recognition

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

### Majors

- Computational mathematics O B
- Data science O B
- Internet of Things O B
- Robotics O B

### Minors

- Cloud technologies O B
- Computational mathematics O B
- Embedded systems O B
- Full stack development O B
- Game design O B
- Virtual and augmented reality O B

### Course structure

This 24-credit-point course consists of 13 core IT units (including a compulsory internship unit), 3 credit points of computer science capstone units and the completion of one of the following options:

- one IT major sequence (6 credit points) and two elective units
- an IT minor sequence (4 credit points) and four elective units
- two IT minor sequences (8 credit points).

	Trimester 1	Trimester 2
Year 1	Discrete Mathematics Data Science Concepts Introduction to Programming Computer Systems	Database Fundamentals Linear Algebra for Data Analytics Object-Oriented Development Computer Networks and Communication
Year 2	Data Structures and Algorithms Computational Intelligence Major/minor Elective	Professional Practice in Information Technology Advanced Algorithms Major/minor Elective
Year 3	Professional Practice (2 credit points) OR Team Project (A) – Project Management and Practices AND IT Placements and Industry Experience Major/minor x 2	Team Project (B) – Execution and Delivery OR elective Concurrent and Distributed Programming Major/minor x 2

► Ready to find out more? Visit our course webpage for full details including pre-course and entry requirements, unit selection options and campus and trimester availability for domestic and international students, and more. [deakin.edu.au/course/S306](https://deakin.edu.au/course/S306)



'I did a placement for a startup company. It was quite a challenge since processes were not yet established. However, Deakin equips you with the training on being self-reliant and knowing which questions to ask to be successful in your chosen career.'

**Jocen Pagayona**

Bachelor of Computer Science graduate

# Courses

Deakin code	X123	Online	O
ATAR	70.00	Melbourne Burwood Campus	B
Not published	NP	Geelong Waterfront Campus	WF
Course duration in years	3	Geelong Warrn Ponds Campus	WP
Trimester	T	Warrnambool Campus	WB

## Bachelor of Computer Science *continued*

### Careers

You'll be ready for employment in organisations engaged in:

- artificial intelligence and machine learning
- robotics application development
- technology innovation.

You'll graduate with career options such as:

- data scientist
- database specialist
- innovation lead
- project manager
- software analyst
- software developer
- solutions architect
- technology consultant.

As a computer science graduate, you'll enter one of the most exciting and dynamic industries, with opportunities in areas such as:

- cognitive computing and intelligent systems
- emerging technologies
- robotics and autonomous systems.

As your experience develops, you'll also be well prepared to progress into project management positions.

### Work experience

This course includes a core IT placement unit, where you'll undertake a minimum of 100 hours in professional work experience with an approved host organisation. Alternatively, high-achieving students may have the opportunity to undertake an extended, full-time, paid industry-based learning placement of 6–12 weeks (conditions apply, please refer to [deakin.edu.au/sebe/wil](https://deakin.edu.au/sebe/wil)).

## Bachelor of Computer Science (Honours)

S406 O NP B NP 4 T1, T2

Computer scientists are problem solvers and innovators. Throughout this specialised four-year course, you will develop the knowledge and practical skills required to design and develop innovative software solutions to address multifaceted information and technology challenges. You'll have the opportunity to undertake a professional placement, work in teams with an industry partner to tackle authentic business challenges as part of a capstone project, focus your studies in an area of your choosing, and culminate your knowledge in your final year through completion of an honours research project.

[deakin.edu.au/course/S406](https://deakin.edu.au/course/S406)

## Join our Peer Support Network (PSN)

Sign up to the Faculty of Science, Engineering and Built Environment's PSN in your first year at Deakin to get support and guidance from senior students in your course. You'll learn about the support services and facilities available, while gaining useful tips about studying at Deakin.

Our world-class IT facilities give you the chance to experiment with the latest software and technologies.



# Courses

Deakin code	X123	Online	O
ATAR	70.00	Melbourne Burwood Campus	B
Not published	NP	Geelong Waterfront Campus	WF
Course duration in years	3	Geelong Warrnambool Campus	WP
Trimester	T	Warrnambool Campus	WB

## Bachelor of Artificial Intelligence

S308 O NP B NP 3 T1, T2

Deakin's Bachelor of Artificial Intelligence equips you with the knowledge and skills to design, develop and evolve software solutions that harness the latest advances in artificial intelligence (AI). Get hands-on experience developing AI-driven software solutions with the support of academics who are leaders in this emerging field. Our world-class research in AI feeds directly into our classrooms, ensuring what you learn is at the cutting edge of industry expectations and capabilities.

### Work experience

This course includes a compulsory work placement where you will be required to undertake a minimum of 100 hours in industry, providing professional work experience with an approved host organisation. Elective units may also provide additional opportunities for work-integrated learning experiences.

### Professional recognition

The Bachelor of Artificial Intelligence is professionally accredited with the Australian Computer Society (ACS).



### Careers

AI offers an exciting future for students as more industries spend time and money on improving what they do through learned behaviour and operating efficiencies. However, this is the tip of the iceberg and many more challenging real-world problems remain to be solved.

Graduates will have the specialist knowledge and skills to work on the design, development and operation of software solutions involving AI, across a broad range of industry sectors. You may find employment in roles such as a data scientist, data analyst, AI technology software engineer, AI ethicist or AI architect, to name a few.

## IGNITED Scholarship

If you're female and about to start an undergraduate degree in areas including engineering, information technology and construction management, you could be eligible for an IGNITED Scholarship.

A portion of the course fees will be reimbursed and recipients are also assigned an academic mentor.

[deakin.edu.au/ignited-scholarship](https://deakin.edu.au/ignited-scholarship)



# Courses

Deakin code	X123	Online	O
ATAR	70.00	Melbourne Burwood Campus	B
Not published	NP	Geelong Waterfront Campus	WF
Course duration in years	3	Geelong Warrn Ponds Campus	WP
Trimester	T	Warrnambool Campus	WB

## Bachelor of Artificial Intelligence *continued*

### Course structure

This 24-credit-point course consists of 20 credit points of core units, plus a minor sequence (4 credit points) or 4 credit points of electives.

	Trimester 1	Trimester 2
Year 1	Introduction to Programming Introduction to Data Science and Artificial Intelligence Discrete Mathematics Computer Systems	Object-Oriented Development Introduction to Mathematical Modelling Database Fundamentals Computer Networks and Communication
Year 2	Data Structures and Algorithms Computational Intelligence Data Wrangling Minor/elective	Machine Learning Linear Algebra for Data Analysis Professional Practice in Information Technology Minor/elective
Year 3	Deep Learning Natural Language Processing Team Project (A) – Project Management and Practices OR elective Minor/elective	Robotics, Computer Vision and Speech Processing Team Project B – Execution and Delivery AND IT Placements and Industry Experience OR Professional Practice (2 credit points) Minor/elective

► Ready to find out more? Visit our course webpage for full details including pre-course and entry requirements, unit selection options and campus and trimester availability for domestic and international students, and more. [deakin.edu.au/course/S308](https://deakin.edu.au/course/S308)

## Bachelor of Artificial Intelligence (Honours) S408 O NP B NP 4 T1, T2

Artificial Intelligence (AI) is driving digital disruption through the development of smart systems and machines capable of performing tasks that typically require human intelligence. This specialised four-year course prepares you with the knowledge and skills required to design, develop and evolve software solutions that harness the latest advances in AI. You'll have the opportunity to undertake a professional placement, work in teams with an industry partner to tackle authentic business challenges as part of a capstone project, focus your studies in an area of your choosing, and culminate your knowledge in your final year through completion of an honours research project.

[deakin.edu.au/course/S408](https://deakin.edu.au/course/S408)

### ▶ The student experience

Gain the skills to develop cutting-edge AI-driven software solutions and how to use the power of machines for intelligent automation and new-world thinking.

[deakin.yt/ai](https://deakin.yt/ai)



'We rely on state-of-the-art open source tools, which are agile by definition. As a researcher in the science of data and an open source software developer myself, I need to be on top of things, and this is reflected in my units.'

**Dr habil. Marek Gagolewski**  
 Senior Lecturer in Applied Artificial Intelligence,  
 School of Information Technology

# Courses

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Not published	NP	Geelong Waterfront Campus	WF
Course duration in years	3	Geelong Warrnambool Campus	WP
Trimester	T	Warrnambool Campus	WB

## Bachelor of Cyber Security

S334 O 63.00 B 62.75 WP 63.40 3 T1, T2

Cyber security threats are a rapidly growing global challenge for individuals and businesses alike. Secure technology is not only pivotal to business, but to living everyday life. As a result, cyber security professionals are in high demand around the world. Deakin's Bachelor of Cyber Security equips you with the essential skills to investigate and combat cybercrime and cyber terrorism. You will have the expertise to tackle one of the fastest growing criminal threats to modern-day society.

### Professional recognition

The Bachelor of Cyber Security is professionally accredited with the Australian Computer Society (ACS). You will also have the opportunity to complete industry certifications within existing core units as part of your cyber security degree for no additional cost.

Certifications include:

- Certified Ethical Hacker (CEH)
- Certified Secure Programmer (ECSP)
- Computer Hacking Forensic Investigator (CHFI)
- Cybersecurity Fundamentals (CSX).

These industry certifications are recognised globally and prove your competence and proficiency in these highly skilled cyber security areas.



### Careers

Career options include work in roles such as:

- information security auditor
- IT security engineer
- project manager
- security analyst or consultant
- security system developer or programmer
- security system manager.

### Course structure

This 24-credit-point course consists of 16 credit points of core units, a minor sequence (4 credit points) and 4 credit points of elective units.

	Trimester 1	Trimester 2
<b>Year 1</b>	Introduction to Programming Computer Systems Real World Practices for Cyber Security Discrete Mathematics	Object-Oriented Development Computer Networks and Communication Minor Elective
<b>Year 2</b>	Computer Forensics and Investigations Cyber Security Analytics Minor Elective	Secure Coding Professional Practice in Information Technology Minor Elective
<b>Year 3</b>	Team Project (A) – Project Management and Practices OR elective Malware Analysis Network Forensics Minor	Professional Practice (2 credit points) OR Team Project (B) – Execution and Delivery AND IT Placements and Industry Experience Ethical Hacking Elective

▶ Ready to find out more? Visit our course webpage for full details including pre-course and entry requirements, unit selection options and campus and trimester availability for domestic and international students, and more. [deakin.edu.au/course/S334](https://deakin.edu.au/course/S334)

## World-leading research at the Centre for Cyber Security Research and Innovation (CSRI)

We're passionate about training tomorrow's technology leaders, helping to advance industry, maintaining our graduates' competitive edge and ultimately benefitting the world.

What we learn through research also strengthens the quality of the teaching and learning experiences our students enjoy, given that we conduct research across a range of disciplines.

CSRI engages with industry and government through collaborative research projects, providing protection from major cyber security threats facing Australia and the world.

The Centre's research focuses on:

- protective security and information warfare
- cybernetics and AI
- cyber physical systems and IoT
- organisational security
- privacy, identity and trust management
- digital forensics and incident management
- law, regulation and strategic policy.

Through its research and outreach activities, CSRI models and informs cyber security policy development for government and business, and raises cyber safety awareness levels in the community. Find out more at [www.cybercentre.org.au](https://www.cybercentre.org.au).



# Courses

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ATAR	70.00	Melbourne Burwood Campus	B
Not published	NP	Geelong Waterfront Campus	WF
Course duration in years	3	Geelong Warrnambool Campus	WP
Trimester	T	Warrnambool Campus	WB



'The hands-on learning, and having the opportunity to put what you learn into practice as part of the course, is unique to Deakin.'

**Mark Jennings**  
Bachelor of Cyber Security graduate

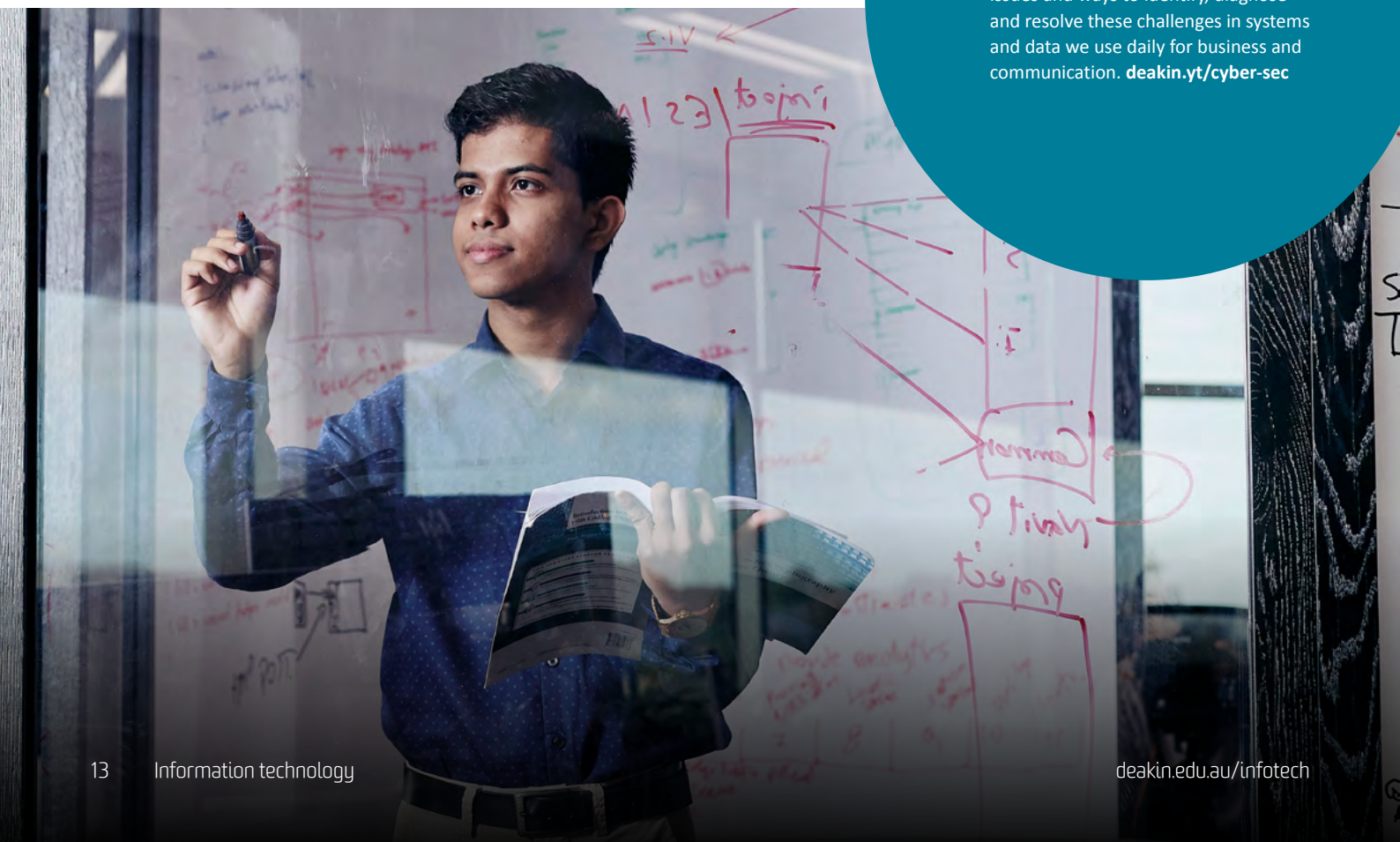
## Bachelor of Cyber Security (Honours) S434 O NP B NP 4 T1, T2

Secure technology is not only pivotal to business, but to living everyday life. As a result, cyber security professionals are in high demand around the world. This specialised four-year course will equip you with the essential skills to investigate and protect computer systems, networks and programs. You'll have the opportunity to undertake a professional placement, work in teams with an industry partner to tackle authentic business challenges as part of a capstone project, focus your studies in an area of your choosing, and culminate your knowledge in your final year through completion of an honours research project.

[deakin.edu.au/course/S434](https://deakin.edu.au/course/S434)

### The student experience

Gain the skills to understand cyber issues and ways to identify, diagnose and resolve these challenges in systems and data we use daily for business and communication. [deakin.yt/cyber-sec](https://deakin.yt/cyber-sec)



# Courses

Deakin code	<b>X123</b>	Online	<b>O</b>
ATAR	70.00	Melbourne Burwood Campus	<b>B</b>
Not published	NP	Geelong Waterfront Campus	<b>WF</b>
Course duration in years	<b>3</b>	Geelong Warrn Ponds Campus	<b>WP</b>
Trimester	<b>T</b>	Warrnambool Campus	<b>WB</b>

## Bachelor of Data Science

**S379** **O** NP **B** 66.25 **3** T1, T2

With every click, swipe, search, share and stream data is created. The rate of data generation is phenomenal and its sheer volume and complexity gives rise to considerable opportunity as businesses strive to harness the power of big data to remain competitive. Throughout the Bachelor of Data Science you will explore the entire lifecycle of data to develop a deep understanding of how information is created, gathered, processed, analysed and used to generate insights and inform strategic decisions.

### Careers

Skilled data professionals are in high demand across every industry as organisations increasingly rely on skilled specialists to unlock hidden patterns in big data to provide meaningful insights to make better-informed decisions, drive business growth and increase their strategic advantage in the competitive business world.

As a graduate, you will have the skills, knowledge and industry connections to build a varied and sustainable career in roles such as:

- business strategist
- data analyst
- data architect
- data engineer
- data scientist
- data visualisation specialist
- information analyst
- reporting analyst.

### Work experience

This course includes a work placement where you will undertake a minimum of 100 hours in industry, providing professional work experience with an approved host organisation. High-achieving students may have the opportunity to undertake an extended, full-time, paid industry-based learning placement of 6–12 weeks (conditions apply, please refer to [deakin.edu.au/sebe/wil](https://deakin.edu.au/sebe/wil)).

### Minors

- Cloud technologies **O** **B**
- Cyber security **O** **B**
- Education **O** **B**
- Embedded systems **O** **B**
- Finance **O** **B**
- Full stack development **O** **B**
- Health analytics **O** **B**
- Human resource management **O** **B**
- Marketing **O** **B**
- Psychology **O** **B**
- Retail management **O** **B**
- Security management **O** **B**
- Sports analytics **O** **B**
- Sustainability and environmental science **O** **B**
- Virtual and augmented reality **O** **B**



# Courses

Deakin code	X123	Online	O
ATAR	70.00	Melbourne Burwood Campus	B
Not published	NP	Geelong Waterfront Campus	WF
Course duration in years	3	Geelong Warrnambool Campus	WP
Trimester	T	Warrnambool Campus	WB

## Bachelor of Data Science *continued*

### Course structure

This 24-credit-point course consists of 17 credit points of core units, 3 credit points of data science capstone units, plus a minor (4 credit points) or four electives.

	Trimester 1	Trimester 2
<b>Year 1</b>	Data Science Concepts Discrete Mathematics Introduction to Programming Computer Systems	Database Fundamentals Linear Algebra for Data Analysis Object-Oriented Development Introduction to Statistics and Data Analysis
<b>Year 2</b>	Data Wrangling Computer Networks and Communication Data Structures and Algorithms Minor/elective	Professional Practice in Information Technology Feature Generation and Engineering Data Capture Technologies Minor/elective
<b>Year 3</b>	Team Project (A) – Project Management and Practices OR elective Natural Language Processing Machine Learning Minor/elective	Team Project B – Execution and Delivery AND IT Placements and Industry Experience OR Professional Practice (2 credit points) Deep Learning Minor/elective

► Ready to find out more? Visit our course webpage for full details including pre-course and entry requirements, unit selection options and campus and trimester availability for domestic and international students, and more. [deakin.edu.au/course/S379](https://deakin.edu.au/course/S379)

## Bachelor of Data Science (Honours)

S479 O NP B NP 4 T1, T2

Explore the entire lifecycle of data to develop a deep understanding of how information is used to generate insights that inform strategic decisions in the competitive business world in the specialised four-year Bachelor of Data Science (Honours). You'll have the opportunity to undertake a professional placement, work in teams with an industry partner to tackle authentic business challenges using real-world data sets, hone your skills through focused studies in an area that interests you most and complete a research project in your final year.

[deakin.edu.au/course/S479](https://deakin.edu.au/course/S479)

## Innovate and excel with Deakin's capstone program

The Deakin School of Information Technology Student Industry Capstone (DISC) program places students in teams to develop innovative technology products aimed at impacting and influencing industry. It's a unique collaboration with industry that strengthens students' soft and technical skills in a work-like setting, providing a supported learning environment to experiment and innovate at the frontier of technology.

Taking part in the program gives you a unique opportunity to understand and experience the product development environment, so you can graduate with industry-aligned knowledge and experience.

You'll put into practice the knowledge and skills gained throughout your studies to contribute to a successful product line. Academic mentors and industry coaches provide invaluable feedback and insights over the course of the product journeys, helping guide improvement through feedback and iteration.

The program culminates with a showcase, where you get the opportunity to pitch your ideas to a panel of industry experts. Previous industry experts have represented globally recognised companies including Microsoft, Google, Fitbit, Infosys Limited, Telstra and Intelia.

Past student projects include: DriveEd, a web and mobile app that allows users to toggle between English and Arabic to take practice VicRoads' written driving tests; the Serene Beach Calming Experience, which provides an easy, quick and effective way to reduce stress and establish general wellbeing for users; and an Image Recognition application to make environmental auditing more efficient.

[deakin.edu.au/information-technology/student-capstone](https://deakin.edu.au/information-technology/student-capstone)



# Courses

Deakin code	X123	Online	O
ATAR	70.00	Melbourne Burwood Campus	B
Not published	NP	Geelong Waterfront Campus	WF
Course duration in years	3	Geelong Warrnambool Campus	WP
Trimester	T	Warrnambool Campus	WB

## Bachelor of Business Analytics

M340 O NP B 70.25 3 T1, T2

Launch a career in the booming world of business insights with Deakin's Bachelor of Business Analytics. With hands-on experience in real-world projects, you will become a confident business analytics translator capable of unlocking innovative solutions for businesses using data insights. In Victoria's longest-running specialised business analytics course, you'll learn practical commercial skills to interpret data and information, so you can solve complex organisational problems and create opportunities for businesses.

### Professional recognition

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

### Careers

As a graduate you can work across business and analytical fields. Career opportunities include:

- business analytics translator
- business analyst
- business intelligence specialist
- computer system analyst
- data analyst
- digital transformation consultant
- information analyst
- information manager/information officer
- market analyst
- predictive modeller.

### Work experience

Work experience is a core component of this degree. The work-integrated learning (WIL) program connects students with employers, ensuring you have every opportunity to work with business analytics students and professionals each trimester – giving you a head-start in your career.

### Course structure

This 24-credit-point course consists of 16 credit points of core units (including one work-integrated learning (WIL) unit or an approved international learning experience) and 8 credit points of elective units (which may include a 6- or 8-credit-point major sequence of your choice).

	Trimester 1	Trimester 2
<b>Year 1</b>	Business Analytics Managing Data and Information Professional Ethics in the Digital Age Data Science Concepts	Business Requirements Analysis Predictive Analytics Cybersecurity and Governance Elective
<b>Year 2</b>	Business Intelligence and Data Warehousing Artificial Intelligence for Business Project Management Elective	Social Media Analytics and Data Driven Innovation Decision Analytics Elective x 2
<b>Year 3</b>	Marketing Analytics Strategic Supply Chain Management Work Integrated Learning – MWL unit Elective	Applied Business Project Elective x 3

▶ Ready to find out more? Visit our course webpage for full details including pre-course and entry requirements, unit selection options and campus and trimester availability for domestic and international students, and more. [deakin.edu.au/course/M340](https://deakin.edu.au/course/M340)



# Courses

Deakin code	<b>X123</b>	Online	<b>O</b>
ATAR	70.00	Melbourne Burwood Campus	<b>B</b>
Not published	NP	Geelong Waterfront Campus	<b>WF</b>
Course duration in years	<b>3</b>	Geelong Warrnambool Campus	<b>WP</b>
Trimester	<b>T</b>	Warrnambool Campus	<b>WB</b>

## Bachelor of Software Engineering (Honours)

**S464** **O** **NP** **B** **66.80** **4** **T1, T2**

Create the smart software and systems of the future by studying Deakin's Bachelor of Software Engineering (Honours). The course equips you with the skills needed to build disruptive technologies that create change, making you a sought-after expert ready to solve tomorrow's business problems through creative computing solutions. Explore a broad range of exciting study areas, including robotics, algorithms, programming and software architecture, and apply your skills in world-class facilities.

### Work experience

This course includes a core professional industry experience unit, where you'll be required to undertake a minimum of 30 to 60 working days of industry experience during your degree.

### Professional recognition

The Bachelor of Software Engineering (Honours) is professionally accredited by the Australian Computer Society (ACS), providing international recognition and graduate eligibility for membership of the ACS.

Deakin has been awarded accreditation for the Bachelor of Software Engineering (Honours) with Engineers Australia.

### Careers

Graduates will be equipped to find employment in diverse areas of software engineering. You'll be able to develop and implement state-of-the-art smart devices, systems and application frameworks for industries including health, agriculture, manufacturing and transport.

This can lead to employment in roles such as:

- data engineer
- embedded systems developer
- IoT system engineer
- machine learning engineer
- mobile applications developer
- programmer
- project manager
- software developer
- software engineer
- systems architect
- web applications developer.

### Minors

- Artificial intelligence **O** **B**
- Cloud technologies **O** **B**
- Cyber security **O** **B**
- Data science **O** **B**
- Game design **O** **B**
- Information technologies research **O** **B**
- Virtual and augmented reality **O** **B**

### Course structure

This 32-credit-point course consists of 22 credit points of core units, 6 credit points of capstone units, plus a minor (totalling 4 credit points) or four electives.

	Trimester 1	Trimester 2
<b>Year 1</b>	Engineering in Society Discrete Mathematics Introduction to Programming Computer Systems	Introduction to Software Engineering Data Capture Technologies Object-Oriented Development Database Fundamentals
<b>Year 2</b>	Computer Networks and Communication Sustainable Design Data Structures and Algorithms Embedded Systems Development	Full Stack Development: Secure Frontend Applications Full Stack Development: Secure Backend Services Professional Practice in Information Technology Concurrent and Distributed Programming
<b>Year 3</b>	Team Project (A) – Project Management and Practices OR minor/elective Robotics Application Development Software Quality and Testing Minor/elective	Team Project (B) – Execution and Delivery AND minor/elective OR Professional Practice (2 credit points) Software Architecture and Scalability for Internet-Of-Things Advanced Embedded Systems
<b>Year 4</b>	Research Training and Project (2 credit points) Developing Secure Internet-Of-Things Applications Minor/elective	Research Project OR Research Project (Advanced) (2 credit points) Professional Practice Minor/elective

▶ Ready to find out more? Visit our course webpage for full details including pre-course and entry requirements, unit selection options and campus and trimester availability for domestic and international students, and more. [deakin.edu.au/course/S464](https://deakin.edu.au/course/S464)



### The student experience

Learn to shape the software systems of the future and drive digital transformations as an innovative software engineer. [deakin.yt/software-eng](https://deakin.yt/software-eng)

## Software engineering meets robotics

Robotics and cyber-physical systems are a rapidly growing commercial technology sector, with products like self-driving cars, fitness trackers and drones being launched in recent years. From Mars rovers and smart homes and cities, to robotic surgery and precision agriculture, software engineers combine software systems and embedded hardware to create solutions that fill a vital role in the development of smart and innovative technologies.

Your ideas and creativity will flourish in our state-of-the-art facilities, including Deakin's \$1.2 million Robotics and Internet of Things (RIoT) Lab featuring a range of devices, robotics and drones.

# Courses

Deakin code	X123	Online	O
ATAR	70.00	Melbourne Burwood Campus	B
Not published	NP	Geelong Waterfront Campus	WF
Course duration in years	3	Geelong Warrnambool Campus	WP
Trimester	T	Warrnambool Campus	WB

## Combined courses

### Bachelor of Arts/Bachelor of Information Technology

D310 O NP B 67.35 WP NP 4 T1, T2

Want a career that is both rich in diverse experience and prepares you for the future? Deakin's Bachelor of Arts/Bachelor of Information Technology allows you to have just that. This course equips you with the transferable skills needed to seamlessly move between the roles of the future, along with the technical knowledge and critical thinking skills to not only negotiate but also shape that future.

[deakin.edu.au/course/D310](http://deakin.edu.au/course/D310)



### Bachelor of Commerce/Bachelor of Business Analytics

D366 O 72.65 B 82.75 4 T1, T2, T3

Data is the future of business. Deakin's Bachelor of Commerce/Bachelor of Business Analytics helps you build a foundation of commerce and business analytics knowledge to help you become invaluable to future employers worldwide. Develop critical analysis skills to turn data into strategies that drive business success. Learn how to interpret data and information and combine it with a strong foundation in all areas of commerce to unlock innovative solutions for business.

#### Professional recognition

Deakin Business School is in the top 1% of business schools globally by holding both AACSB and EQUIS accreditations. These prestigious accreditations are awarded to business schools that meet strict standards of quality, academic and professional excellence, ensuring our graduates are employable worldwide. Commerce graduates can also apply for membership to key professional bodies (depending on units taken).

Completion of the Bachelor of Business Analytics course grants eligibility for entry as a professional member of the Australian Computer Society (ACS).

#### Course structure

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

[deakin.edu.au/course/D366](http://deakin.edu.au/course/D366)



### Bachelor of Criminology/Bachelor of Cyber Security

D380 O NP B 68.20 WP 65.60 4 T1, T2, T3

Deakin's Bachelor of Criminology/Bachelor of Cyber Security is the only degree of its kind in Australia. Today cyber security is a significant challenge for individuals and businesses alike. This course will equip you with an understanding of the major drivers of criminal behaviour, along with the industry-relevant skills to tackle what is quickly becoming a critical threat to society. You will gain expertise in securing data and data communications, as well as investigating and providing solutions to cyber crime.

#### Professional recognition

The Bachelor of Cyber Security has Cybersecurity Professional accreditation with the Australian Computer Society (ACS).

You will also have the opportunity to complete industry certifications within existing core units as part of your cyber security degree for no additional cost.

Certifications include:

- Certified Ethical Hacker (CEH)
- Certified Secure Programmer (ECSP)
- Computer Hacking Forensic Investigator (CHFI)
- Cybersecurity Fundamentals (CSX).

These industry certifications are recognised globally and prove your competence and proficiency in these highly skilled cyber security areas.

#### Course structure

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

[deakin.edu.au/course/D380](http://deakin.edu.au/course/D380)



### Bachelor of Laws/Bachelor of Cyber Security

D397 O NP B 92.75 WF NP 5 T1, T2

Protect society from the growing threat of cybercrime by studying Australia's only combined law and cyber security degree. Through Deakin's Bachelor of Laws/Bachelor of Cyber Security, you can explore roles in both fields or use your dual expertise to become an in-demand cyber lawyer, capable of handling the complex issues of our evolving digital world.

#### Professional recognition

The Bachelor of Laws is designed to satisfy the university component of the requirements to become an Australian lawyer set by the Victorian Legal Admissions Board (VLAB). In addition to completing an approved LLB degree, you'll need to work for one year as a legal trainee or undertake a practical legal training (PLT) course.

The Bachelor of Cyber Security has Cybersecurity Professional accreditation by the Australian Computer Society (ACS) – Australia's leading professional association for the information and communication technology sector – as part of this combined course. Students who are members of the ACS will receive international recognition for their skills, as well as professional development opportunities, networking and information resources.

#### Course structure

40 credit points – 16 credit points of core units from the Bachelor of Cyber Security and 24 credit points from the Bachelor of Laws.

[deakin.edu.au/course/D397](http://deakin.edu.au/course/D397)



Ready to find out more about our combined courses? Visit our course webpages for full details including pre-course and entry requirements, unit selection options and campus and trimester availability for domestic and international students, and more.

[deakin.edu.au/information-technology](http://deakin.edu.au/information-technology)



## Skills to get you a job

At Deakin, every course is shaped by industry experts, ensuring you'll graduate with real-world expertise and practical skills – giving you a competitive edge in the workplace. Secure your future today at Victoria's #1 university for teaching quality<sup>1</sup> and overall educational experience.<sup>1</sup>

<sup>1</sup> 2021 Student Experience Survey, Quality Indicators for Learning and Teaching (QILT).

### Course and entry requirements

#### Bachelor of Artificial Intelligence | S308

[deakin.edu.au/course/S308](https://deakin.edu.au/course/S308)<sup>2</sup>

**[Y12]**<sup>3,4</sup> VCE units 3 and 4 – a study score of at least 25 in English (EAL) or at least 20 in English other than EAL and a study score of at least 20 in one of Maths: General Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics.

**[NY12]**<sup>4,5</sup> As for Year 12 or equivalent; see webpage for further information.

**[O]** NP  
**[B]** NP

3

T1, T2

\$7751

\$36,400

#### Bachelor of Artificial Intelligence (Honours) | S408

[deakin.edu.au/course/S408](https://deakin.edu.au/course/S408)<sup>2</sup>

**[Y12]**<sup>3,4</sup> VCE units 3 and 4 – a study score of at least 25 in English (EAL) or at least 20 in English other than EAL and a study score of at least 20 in one of Maths: General Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics.

**[NY12]**<sup>4,5</sup> As for Year 12 or equivalent; see webpage for further information.

**[O]** NP  
**[B]** NP

4

T1, T2

\$7252

\$36,400

#### Bachelor of Business Analytics | M340

[deakin.edu.au/course/M340](https://deakin.edu.au/course/M340)<sup>2</sup>

**[Y12]**<sup>3,4</sup> VCE units 3 and 4 – a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.

**[NY12]**<sup>4,5</sup> As for Year 12 or equivalent; see webpage for further information.

**[O]** NP  
**[B]** 70.25

3

T1, T2

\$7838

\$37,600

#### Bachelor of Computer Science | S306

[deakin.edu.au/course/S306](https://deakin.edu.au/course/S306)<sup>2</sup>

**[Y12]**<sup>3,4</sup> VCE units 3 and 4 – a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.

**[NY12]**<sup>4,5</sup> As for Year 12 or equivalent; see webpage for further information.

**[O]** 67.10  
**[B]** 63.25

3

T1, T2

\$7424

\$36,400

#### Bachelor of Computer Science (Honours) | S406

[deakin.edu.au/course/S406](https://deakin.edu.au/course/S406)<sup>2</sup>

**[Y12]**<sup>3,4</sup> VCE units 3 and 4 – a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.

**[NY12]**<sup>4,5</sup> As for Year 12 or equivalent; see webpage for further information.

**[O]** NP  
**[B]** NP

4

T1, T2

\$7252

\$36,400

Recent secondary education  
Non-Year 12

**[Y12]**  
**[NY12]**

Online **[O]**  
Melbourne Burwood Campus **[B]**  
Geelong Waterfront Campus **[WF]**  
Geelong Warrnambool Campus **[WP]**  
Warrnambool Campus **[WB]**

Course and entry requirements	Campus and ATAR	Course duration	Trimester intakes	Indicative domestic fee <sup>1</sup>	Indicative international fee <sup>1</sup>
<b>Bachelor of Cyber Security   S334</b> <a href="https://deakin.edu.au/course/S334">deakin.edu.au/course/S334</a> <sup>2</sup> <b>[Y12]</b> <sup>3,4</sup> VCE units 3 and 4 – a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	<b>[O]</b> 63.00 <b>[B]</b> 62.75 <b>[WP]</b> 63.40	3	T1, T2	\$7771	\$36,400
<b>Bachelor of Cyber Security (Honours)   S434</b> <a href="https://deakin.edu.au/course/S434">deakin.edu.au/course/S434</a> <sup>2</sup> <b>[Y12]</b> <sup>3,4</sup> VCE units 3 and 4 – a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	<b>[O]</b> NP <b>[B]</b> NP	4	T1, T2	\$7775	\$36,400
<b>Bachelor of Data Science   S379</b> <a href="https://deakin.edu.au/course/S379">deakin.edu.au/course/S379</a> <sup>2</sup> <b>[Y12]</b> <sup>3,4</sup> VCE units 3 and 4 – a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	<b>[O]</b> NP <b>[B]</b> 66.25	3	T1, T2	\$6735	\$36,400
<b>Bachelor of Data Science (Honours)   S479</b> <a href="https://deakin.edu.au/course/S479">deakin.edu.au/course/S479</a> <sup>2</sup> <b>[Y12]</b> <sup>3,4</sup> VCE units 3 and 4 – a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	<b>[O]</b> NP <b>[B]</b> NP	4	T1, T2	\$7257	\$36,400
<b>Bachelor of Information Technology   S326</b> <a href="https://deakin.edu.au/course/S326">deakin.edu.au/course/S326</a> <sup>2</sup> <b>[Y12]</b> <sup>3,4</sup> VCE units 3 and 4 – a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	<b>[O]</b> NP <b>[B]</b> 61.05 <b>[WP]</b> 65.95	3	T1, T2	\$8369	\$36,400
<b>Bachelor of Software Engineering (Honours)   S464</b> <a href="https://deakin.edu.au/course/S464">deakin.edu.au/course/S464</a> <sup>2</sup> <b>[Y12]</b> <sup>3,4</sup> VCE units 3 and 4 – a study score of at least 25 in English (EAL) or at least 20 in English other than EAL and a study score of at least 20 in one of Maths: General Mathematics, Maths: Mathematical Methods or Maths: Specialist Mathematics.	<b>[O]</b> NP <b>[B]</b> 66.80	4	T1, T2	\$7628	\$36,400
<b>Bachelor of Arts/Bachelor of Information Technology   D310</b> <a href="https://deakin.edu.au/course/D310">deakin.edu.au/course/D310</a> <sup>2</sup> <b>[Y12]</b> <sup>3,4</sup> VCE units 3 and 4 – a study score of at least 20 in English other than EAL or at least 25 in English (EAL).	<b>[O]</b> NP <b>[B]</b> 67.35 <b>[WP]</b> NP	4	T1, T2	\$11,380	\$36,400
<b>Bachelor of Commerce/Bachelor of Business Analytics   D366</b> <a href="https://deakin.edu.au/course/D366">deakin.edu.au/course/D366</a> <sup>2</sup> <b>[Y12]</b> <sup>3,4</sup> VCE units 3 and 4 – a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	<b>[O]</b> 72.65 <b>[B]</b> 82.75	4	T1, T2, T3	\$12,308	\$37,800
<b>Bachelor of Criminology/Bachelor of Cyber Security   D380</b> <a href="https://deakin.edu.au/course/D380">deakin.edu.au/course/D380</a> <sup>2</sup> <b>[Y12]</b> <sup>3,4</sup> VCE units 3 and 4 – a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.	<b>[O]</b> NP <b>[B]</b> 68.20 <b>[WP]</b> 65.60	4	T1, T2, T3	\$11,051	\$36,400
<b>Bachelor of Laws/Bachelor of Cyber Security   D397</b> <a href="https://deakin.edu.au/course/D397">deakin.edu.au/course/D397</a> <sup>2</sup> <b>[Y12]</b> <sup>3,4</sup> VCE units 3 and 4 – a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.	<b>[O]</b> NP <b>[B]</b> 92.75 <b>[WF]</b> NP	5	T1, T2	\$12,652	\$40,200

- The 2023 indicative domestic/Commonwealth Supported Place (CSP) fees and the indicative international fees are based on a typical enrolment of two trimesters of full-time study, or 8 credit points, unless otherwise indicated. These fees should be used as a guide only and are subject to change in 2024. The fees displayed do not reflect the entire cost of the course if it's completed over a number of years and do not include the Student Services and Amenities Fee or course-related equipment costs.
- Visit our course webpage for full details including pre-course and entry requirements, unit selection options and campus and trimester availability for domestic and international students, and more.

- Recent secondary education applicants include current Year 12 students in 2023, as well as Year 12 graduates from 2022 and 2021.
- International student entry requirements can be found at: [deakin.edu.au/international-students](https://deakin.edu.au/international-students).
- For information about non-Year 12 applicant categories and associated admission requirements, please refer to the individual course webpage.

NP means not published – less than five offers made to recent secondary education applicants.

Recent secondary education	<b>[Y12]</b>
Non-Year 12	<b>[NY12]</b>
	Online <b>[O]</b> Melbourne Burwood Campus <b>[B]</b> Geelong Waterfront Campus <b>[WF]</b> Geelong Warrnambool Campus <b>[WP]</b> Warrnambool Campus <b>[WB]</b>

Published by Deakin University in September 2023. While the information published in this guide was accurate at the time of publication, Deakin University reserves the right to alter, amend or delete details of course offerings and other information published here. For the most up-to-date course information, please view our website at [deakin.edu.au](https://deakin.edu.au).

Deakin University CRICOS Provider Code: 00113B

# Contact us

## We're here to help

We have staff at each of our campuses who are more than happy to answer your general queries.

### Prospective student enquiries

#### Domestic students

1800 693 888

[deakin.edu.au/help-hub](https://deakin.edu.au/help-hub)

#### International students

+61 3 9627 4877

[study@deakin.edu.au](mailto:study@deakin.edu.au)

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