



MONASH
University

**UNDERGRADUATE
AND GRADUATE**

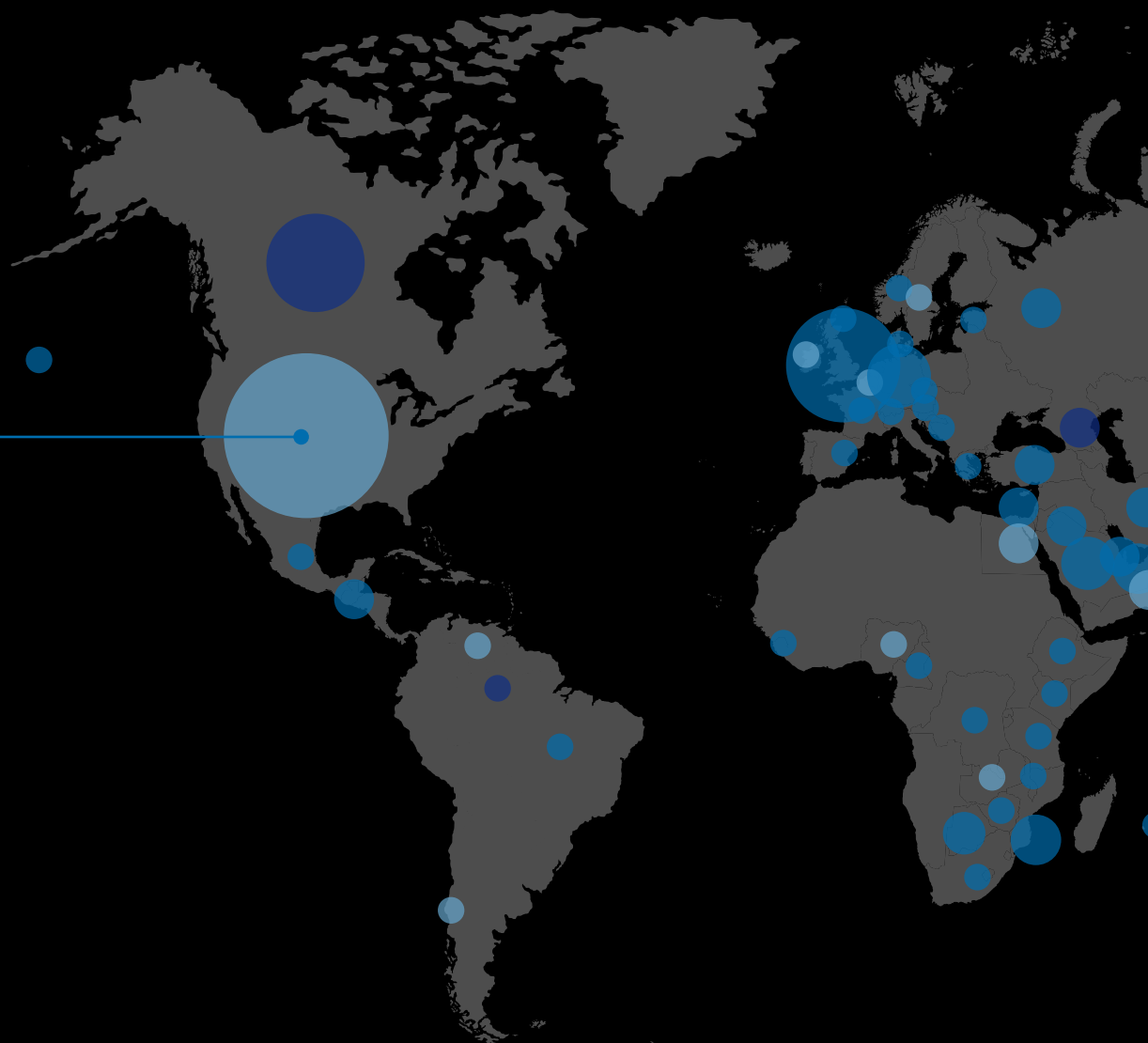
2027
**INFORMATION
TECHNOLOGY
COURSE GUIDE**



INFORMATION TECHNOLOGY COURSE GUIDE

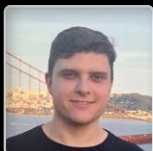
AN **IT** DEGREE CAN TAKE YOU ANYWHERE

With a qualification in IT from Monash, you'll gain in-demand skills for careers across industries and borders. Today, our alumni live and work in more than 80 countries.



“

The Faculty's Industry-Based Learning program is the easiest way to get experience where you can afford to make mistakes and learn from them. Without the opportunity to learn on the job, it would have been hard to enter this field.”

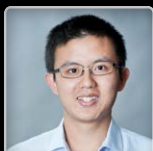


CHRIS

Software Quality Engineer, Apple
Bachelor of Computer Science

“

I majored in computer networks and security, and my course also let me explore other areas to build a broader skillset for the workforce. Now I apply my passion for programming to build software and mechanisms that keep user data safe.”



ERIC

Software Engineer, Google
Bachelor of Information Technology

“

I chose Australia to do my master's because I was drawn to the wonderful climate and high standard of living, but most importantly, I chose Monash IT for its fantastic curriculum, first-rate academics and great networking opportunities.”



AISHWARYA

Business Intelligence Analyst, Canva
Master of Data Science

#2 FOR COMPUTER
SCIENCE
IN AUSTRALIA¹

#48 FOR DATA
SCIENCE
AND AI
GLOBALLY²

+\$71k MEDIAN SALARY
OF A MONASH
BACHELOR'S
GRADUATE³

+\$95k MEDIAN SALARY
OF A MONASH
MASTER'S
GRADUATE³

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MONASH UNIVERSITY recognises that its Australian campuses are located on the unceded lands of the people of the Kulin Nations, and pays its respects to their Elders, past and present.

1. Times Higher Education World University Rankings by Subject 2026

2. QS World University Rankings 2026

3. Good Universities Guide 2026

ABOUT THE TECH SECTOR

From safer banking to smarter cities, technology underpins the systems we rely on today – and the breakthroughs shaping tomorrow.

It's also where the momentum is: globally, tech roles are among the fastest-growing, and IT graduates consistently earn above-average salaries compared with many other fields.

\$248.5B

CONTRIBUTED TO AUSTRALIA'S ECONOMY IN 2025

+161k

JOBS ADDED IN JUST THREE YEARS

~\$130k

TECH OFFERS THE HIGHEST MEDIAN SALARY OF ANY SECTOR

50% FASTER

GROWTH THAN THE BROADER ECONOMY

8.9%

OF NATIONAL GDP

#2

LARGEST CONTRIBUTOR
TO NATIONAL OUTPUT AFTER MINING

Tech Council of Australia 2026

FASTEST-GROWING JOBS WORLDWIDE 2025–2030



113%

BIG DATA
SPECIALISTS



93%

FINTECH
ENGINEERS



82%

AI AND MACHINE LEARNING
SPECIALISTS



57%

SOFTWARE AND
APPLICATIONS DEVELOPERS



53%

SECURITY MANAGEMENT
SPECIALISTS



49%

DATA
WAREHOUSING SPECIALISTS



48%

AUTONOMOUS AND ELECTRIC
VEHICLE SPECIALISTS



47%

UI AND UX DESIGNERS

IT COURSES AT MONASH

UNDERGRADUATE



Learn more:

go.monash.edu/fit-ug

BACHELOR OF INFORMATION TECHNOLOGY

COURSE CODE: C2000 | **CRICOS CODE:** 085120M

Complete this comprehensive degree that allows you to explore the breadth of IT before specialising.

Majors include:

- Agentic software engineering
- AI algorithms and models
- Applied AI
- Business AI systems
- Computer science
- Cybersecurity
- Data science
- Games and immersive media
- Software development.

BACHELOR OF INFORMATION TECHNOLOGY (HONOURS)

COURSE CODE: C3703 | **CRICOS CODE:** 119546M

Undertake this prestigious one-year program that combines advanced coursework with independent research.

BACHELOR OF COMPUTER SCIENCE

COURSE CODE: C2001 | **CRICOS CODE:** 079336A

Develop highly-specialised expertise in the theory of computation, its mathematical foundations and its wider applications.

Specialisations:

- Algorithms and software
- Artificial intelligence
- Cybersecurity
- Data science.

BACHELOR OF COMPUTER SCIENCE ADVANCED (HONOURS)

COURSE CODE: C3001 | **CRICOS CODE:** 085350G

Build advanced knowledge of algorithms and software with an honours research year and thesis.

BACHELOR OF ARTIFICIAL INTELLIGENCE

COURSE CODE: C2005 | **CRICOS CODE:** 120433K

Learn to either use existing AI tools to build reliable systems or advance AI technology itself.

Specialisations:

- Applied AI
- AI algorithms and models.

BACHELOR OF SOFTWARE ENGINEERING (HONOURS)

COURSE CODE: E3001 | **CRICOS CODE:** 001722B

Learn to design, build and maintain software systems across the software development lifecycle.

BACHELOR OF ARTIFICIAL INTELLIGENCE ADVANCED (HONOURS)

COURSE CODE: C3002 | **CRICOS CODE:** 121160M

Work with AI's foundational algorithms and models to evolve this technology, with an added honours research year and thesis.

BACHELOR OF AGENTIC SOFTWARE ENGINEERING

COURSE CODE: C2012 | **CRICOS CODE:** 121145K

Learn to develop software systems that integrate AI tools, agentic workflows and human-AI collaboration.

BACHELOR OF AGENTIC SOFTWARE ENGINEERING (HONOURS)

COURSE CODE: C3003 | **CRICOS CODE:** 121161K

Develop all the expertise offered in the three-year degree with an added honours year and thesis researching a relevant topic of choice.

BACHELOR OF CYBERSECURITY

COURSE CODE: C2013 | **CRICOS CODE:** 121158E

Be prepared to identify threats, assess risk and design secure solutions to protect systems and data.

BACHELOR OF CYBERAI (INDUSTRY CO-LAB)

COURSE CODE: C2014 | **DOMESTIC INTAKE ONLY**

Build a skillset at the intersection of cybersecurity and AI – studying the foundations in first year before learning in industry across years two and three, with complementary simulation and scenario-based learning.

POSTGRADUATE



Learn more:

go.monash.edu/fit-pg

MASTER OF INFORMATION TECHNOLOGY

COURSE CODE: C6001 | **CRICOS CODE:** 079055K

Build the knowledge and experience to solve real-world challenges with the latest technology.

MASTER OF ARTIFICIAL INTELLIGENCE

COURSE CODE: C6007 | **CRICOS CODE:** 103000K

Learn to design, develop and deploy ethical AI products and intelligent systems.

MASTER OF BUSINESS INFORMATION SYSTEMS

COURSE CODE: C6003 | **CRICOS CODE:** 079053A

Gain skills to design and manage business information systems and advise organisations on governance and decision-making.

MASTER OF CYBERSECURITY

COURSE CODE: C6002 | **CRICOS CODE:** 010063E

Learn to design, implement, assess and manage cybersecurity systems that protect sensitive data and communication networks.

MASTER OF DATA SCIENCE

COURSE CODE: C6004 | **CRICOS CODE:** 085349A

Build skills to analyse, process and manage data using modern tools to solve complex real-world problems.

WHAT'S THE DIFFERENCE? IT STUDY OPTIONS



go.monash.edu/fit-youtube



Many of Monash's IT degrees are accredited by the Australian Computer Society (ACS), the peak body for Australia's tech industry. This accreditation recognises high-quality programs and can strengthen your career prospects in Australia and overseas. As a graduate, you may also be eligible for ACS membership, with access to career support, industry insights and more.

HOW OUR DEGREES WORK

BACHELOR'S DEGREES

⌚ 3 years full time

Year 1				
Semester 1	Core unit	Core unit	Major/specialisation	Elective, minor or second major
Semester 2	Core unit	Major/specialisation	Elective, minor or second major	Elective, minor or second major
Year 2				
Semester 1	Core unit	Core unit	Major/specialisation	Elective, minor or second major
Semester 2	Core unit	Major/specialisation	Major/specialisation	Elective, minor or second major
Year 3				
Semester 1	Industry Experience Project	Major/specialisation	Elective, minor or second major	Elective, minor or second major
Semester 2	Industry Experience Project	Major/specialisation	Major/specialisation	Elective, minor or second major

HONOURS DEGREES

⌚ 4 years full time

Year 1				
Semester 1	Core unit	Core unit	Major/specialisation	Elective, minor or second major
Semester 2	Core unit	Core unit	Major/specialisation	Major/specialisation
Year 2				
Semester 1	Core unit	Core unit	Major/specialisation	Elective, minor or second major
Semester 2	Core unit	Major/specialisation	Major/specialisation	Elective, minor or second major
Year 3				
Semester 1	Computer Science Project	Major/specialisation	Elective	Elective, minor or second major
Semester 2	Computer Science Project	Major/specialisation	Elective, minor or second major	Elective, minor or second major
Year 4				
Semester 1	Honours thesis	Honours thesis	Elective	Elective, minor or second major
Semester 2	Honours thesis	Honours thesis	Elective	Elective, minor or second major

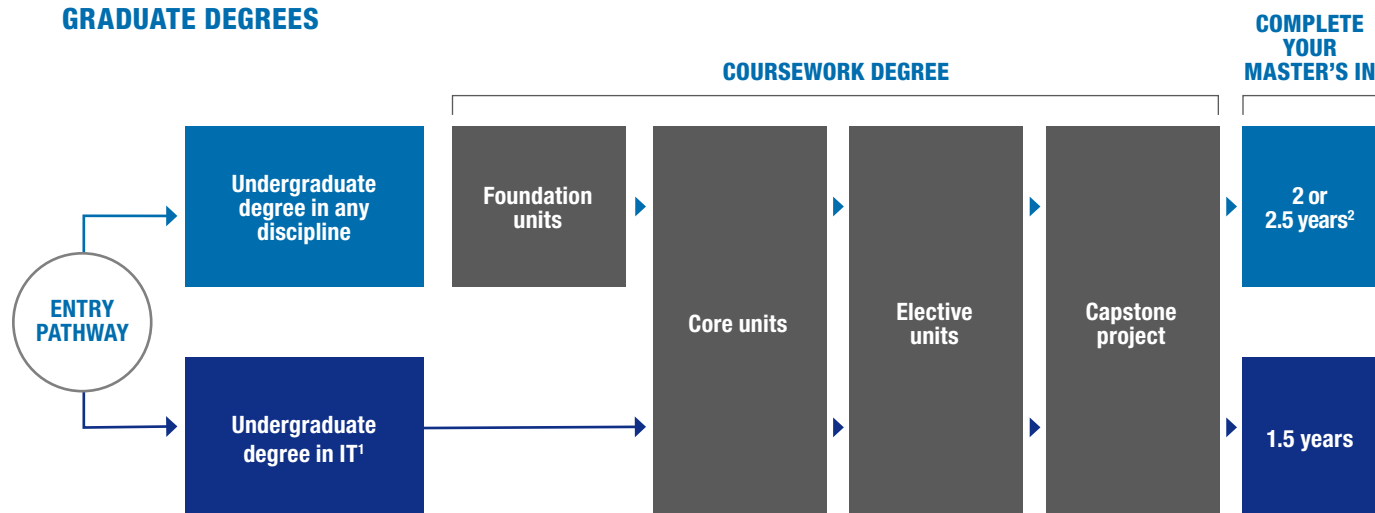
DOUBLE DEGREES

⌚ 4-5 years full time

Year 1				
Semester 1	IT core unit	IT major/specialisation	Other faculty core unit	Other faculty major/specialisation
Semester 2	IT core unit	IT major/specialisation	Other faculty core unit	Other faculty major/specialisation
Year 2				
Semester 1	IT core unit	IT major/specialisation	Other faculty core unit	Other faculty major/specialisation
Semester 2	IT core unit	IT major/specialisation	Other faculty core unit	Other faculty major/specialisation
Year 3				
Semester 1	IT core unit	IT major/specialisation	Other faculty core unit	Other faculty major/specialisation
Semester 2	IT core unit	IT major/specialisation	Other faculty core unit	Other faculty major/specialisation
Year 4				
Semester 1	IT core unit	IT major/specialisation	Other faculty core unit	Other faculty major/specialisation
Semester 2	IT core unit	IT major/specialisation	Other faculty core unit	Other faculty major/specialisation

These course maps are guides only, and structures may vary depending on your selected single and double degrees. For further information, book a course advice session.

GRADUATE DEGREES



1. This is a general model only and the final pathway will depend on units studied in your undergraduate degree. You can check course prerequisite subjects on monash.edu/study.
2. 2 years for a single master's degree and 2.5 years for a double master's degree.

DOUBLE DEGREES

We offer one of the widest ranges of double degree combinations, giving you dual expertise and broader career opportunities. In many cases, a double degree adds just one extra year, with core units in one course counting as electives in the other.

DOUBLE DEGREES	Architectural Studies	Arts	Biomedical Science	Business	Commerce	Computer Science	Criminology	Design	Digital Business	Engineering (Honours)	Fine Art	Global Business	Global Studies	Health Sciences	Information Technology	Laws (Honours)	Management	Media Communication	Science
UNDERGRADUATE																			
Computer Science																			
Algorithms and software					•					•						•			•
Artificial intelligence					•											•			•
Cybersecurity					•											•			•
Data science					•											•			•
Information Technology																			
Agentic software engineering	•	•		•	•		•	•	•		•		•			•			•
AI algorithms and models	•	•		•	•		•	•	•	•	•		•			•			•
Applied AI	•	•		•	•		•	•	•	•	•		•			•			•
Business AI systems	•	•		•	•		•	•	•	•	•		•			•			•
Computer science	•	•		•	•		•	•	•	•	•		•			•			•
Cybersecurity	•	•		•	•		•	•	•	•	•		•			•			•
Data science	•	•		•	•		•	•	•	•	•		•			•			•
Games and immersive media	•	•		•	•		•	•	•	•	•		•			•			•
Software development	•	•		•	•		•	•	•	•	•		•			•			•
Artificial Intelligence																			
Applied AI		•	•		•			•						•				•	•
AI algorithms and models		•	•		•			•						•				•	•
Engineering (Honours)																			
Software engineering		•			•	•									•				•
POSTGRADUATE																			
Business Information Systems																			
												•					•		

ARCHITECTURAL STUDIES

Bring technology into design and place-making – using data, modelling and digital tools to shape cities, buildings and immersive virtual environments.

ARTS

Explore the human and social forces shaping technology, and strengthen your ability to design, manage and communicate responsible tech in a changing world.

BIOMEDICAL SCIENCE

Understand disease, how it occurs and how we can prevent it to better improve quality of life.

BUSINESS

Leverage technology to improve strategy, operations and performance in unpredictable, fast-moving organisations.

COMMERCE

Pair digital capability with commercial know-how, learning how technology drives markets, customer experience and organisational growth.

CRIMINOLOGY

Study crime, behaviour and society alongside technical skills, preparing you to create safer digital systems and tackle real-world security challenges.

DESIGN

Blend creativity with technology to design intuitive experiences and develop innovative digital products that solve real problems.

DIGITAL BUSINESS

Leverage digital technologies to drive business strategy, improve operations and create better customer experiences in fast-changing organisations.

ENGINEERING (HONOURS)

Fuse engineering and IT expertise to develop smarter systems and help transform industries through technology-led solutions.

FINE ART

Expand your creative practice through digital tools and emerging technologies – opening new possibilities across multimedia, games and interactive art.

GLOBAL BUSINESS

Gain expertise in global influences shaping business, building confidence to operate across cultures and navigate economic, political and social forces.

GLOBAL STUDIES

Develop a global perspective and sharp analytical skills, then apply technology to complex challenges across cultures, regions and industries.

HEALTH SCIENCES

Apply scientific approaches to improve health challenges, factoring in physiological, behavioural, developmental, social and environmental aspects of human health.

LAWS (HONOURS)

Add IT capability to your legal toolkit, with knowledge in privacy, security and digital risk – essential in modern legal practice.

MANAGEMENT

Build your management and decision-making skills for leadership roles that bridge IT delivery, stakeholder interests and business outcomes.

MEDIA COMMUNICATION

Develop professional communication and media content creation skills across print, radio, television, film and screen, screenwriting, radio, journalism, podcasting, campaign management and more.

SCIENCE

Strengthen scientific thinking with computing skills – learning to collect, manage and analyse complex data, and develop software that powers research discovery.

YOUR FUTURE STARTS NOW

IT is a broad field with room for every kind of problem solver. Simply follow what interests you, and we'll show Monash pathways that match.



ARTIFICIAL INTELLIGENCE

No other area is driving innovation more than AI. This discipline will see you give computers human smarts – allowing them to reason, speak, understand and adapt – so you can help define what responsible innovation looks like.

GREAT IF YOU...



Want to become an algorithm alchemist



Have a fascination with robotics



Are a magician with mathematics



Enjoy delving deep into data

CAREERS SNAPSHOT



AI OR MACHINE LEARNING SPECIALIST

#2 FASTEST-GROWING GLOBALLY

Build and apply AI models that learn from data to automate tasks, improve decisions and create new products.



AUTONOMOUS AND ELECTRIC VEHICLE SPECIALIST

#7 FASTEST-GROWING GLOBALLY

Develop software and intelligence for next-gen vehicles, from sensors and safety systems to AI-assisted driving.



DATA ANALYST AND SCIENTIST

#11 FASTEST-GROWING GLOBALLY

Turn data into insight and predictions to guide smarter decisions across organisations.



NATURAL LANGUAGE PROCESSING SPECIALIST

Build AI and generative AI systems that understand and generate language, powering chatbots, search and summarisation.



ROBOTICS ENGINEER

Design and build robots by combining software, sensors and control systems so they can handle real-world tasks.

World Economic Forum, Future of Jobs Report 2025

AMRITA'S TAKE ON AI

Discover why our IT and Law student Amrita is so excited about the potential of AI.



Learn more:
vt.tiktok.com/
ZSFrLcjj4



\$140–200k

**TYPICAL SALARY OF AN
AI ENGINEER IN AUSTRALIA**

Hays Salary Guide FY25/26

200k JOBS

TO BE CREATED BY AI BY 2030

Tech Council of Australia 2026

PATHWAYS TO A FUTURE IN AI

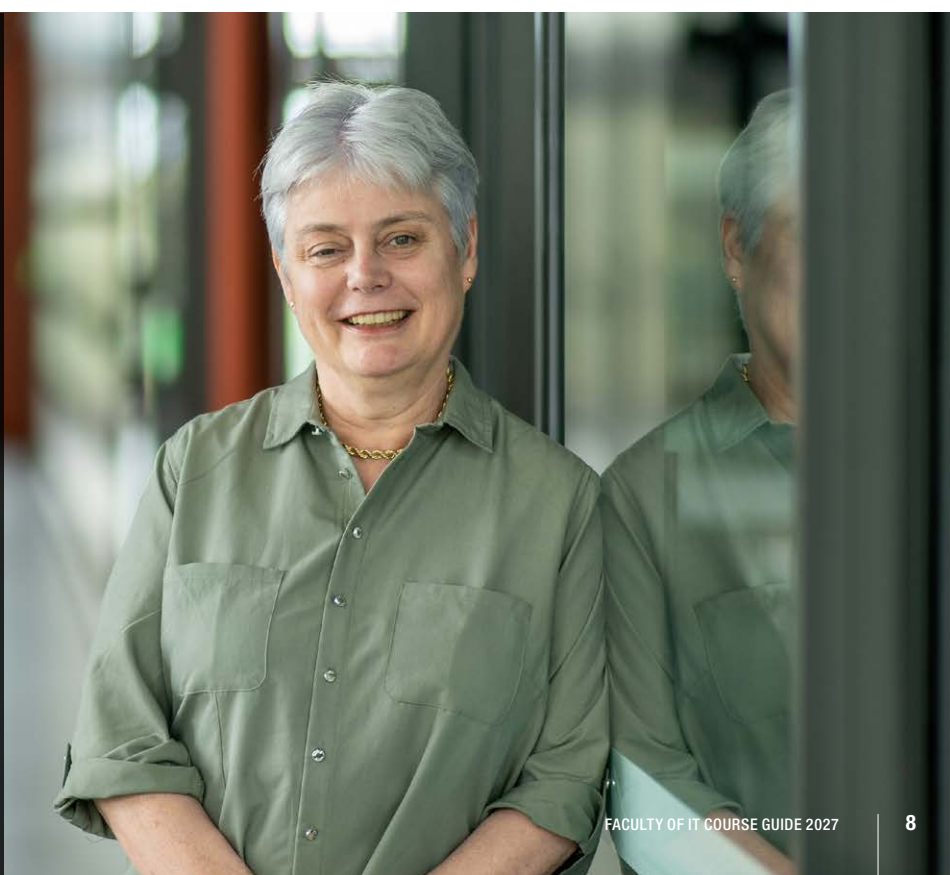
Bachelor of Artificial Intelligence	3 years full time 6 years part time	Clayton
Bachelor of Artificial Intelligence Advanced (Honours)	4 years full time 8 years part time	Clayton
Bachelor of Computer Science with a specialisation in Artificial Intelligence	3 years full time 6 years part time	Clayton
Bachelor of Information Technology with a major in either Applied AI or AI algorithms and models	3 years full time 6 years part time	Clayton
Master of Artificial Intelligence	1.5 or 2 years full time 3 or 4 years part time	Clayton

“

The experience has been profound. I have diversified my expertise and gained fresh insight into the predictive power of data. I've also made new friends, mentors and expanded my professional network.”

KIRSTEN

Master of Artificial Intelligence



BUSINESS AI SYSTEMS

Thrive at the intersection of technology and business strategy, driving innovation and efficiency. This area focuses on leveraging information systems to help organisations navigate the modern landscape and boost performance.

GREAT IF YOU...



Get excited about digital business and transformation



Find joy in integration and optimisation



Are fantastic at identifying needs and finding answers



Like trailblazing with new tech

CAREERS SNAPSHOT



BUSINESS ANALYST

Identify business needs, map processes and define requirements so teams deliver the right solution.



CHANGE MANAGER

Lead change programs to adopt new systems and ways of working, aligning stakeholders, communications and training for lasting impact.



ICT PROJECT MANAGER

Deliver tech projects end to end, including scoping, budget and timelines while coordinating teams and stakeholders at all levels.



IT MANAGER

Lead an organisation's IT operations, infrastructure and strategy, managing teams, budgets and systems to keep services secure and evolving.



NETWORK ENGINEER

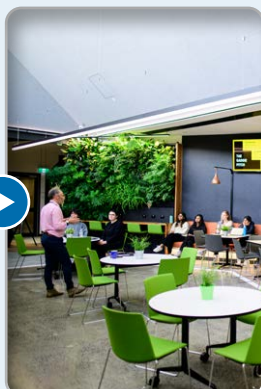
Design, build and maintain networks integral to business activities, ensuring organisational performance, reliability and security.

MASTER OF BUSINESS INFORMATION SYSTEMS

Become a leader in today's digital business landscape.



Learn more:
go.monash.edu/
mbis



\$150–170k

TYPICAL SALARY OF AN IT MANAGER IN AUSTRALIA

Hays Salary Guide FY25/26

PATHWAYS TO A FUTURE IN BUSINESS INFORMATION SYSTEMS

Bachelor of Information Technology with a major in Business AI Systems	3 years full time 6 years part time	Clayton
Bachelor of Information Technology with a major in Business AI Systems + Bachelor of Business	4 years full time 8 years part time	Clayton + Caulfield
Bachelor of Information Technology with a major in Business AI Systems + Bachelor of Commerce	4 years full time 8 years part time	Clayton
Bachelor of Information Technology with a major in Business AI Systems + Bachelor of Digital Business	4 years full time 8 years part time	Clayton + Caulfield
Master of Business Information Systems	1.5 or 2 years full time 3 or 4 years part time	Clayton
Master of Business Information Systems + Master of Global Business	2.5 years full time 5 years part time	Clayton
Master of Business Information Systems + Master of Management	2.5 years full time 5 years part time	Clayton

“

Monash offers a range of programs to engage with industry and real-world projects, allowing you to make positive contributions before you enter the world of work.”

CHAMODI

Bachelor of Business and Bachelor of Information Technology



CYBERSECURITY

This rapidly-growing discipline exists to safeguard data, assets, systems and networks from malicious attacks – protecting the livelihood of people and businesses. So if you've got a superhero spark, this could be your perfect path.

GREAT IF YOU...



Like the idea of being a digital Robin Hood



Enjoy solving puzzles and problems



Are passionate about protecting people and possessions



Delight in detective work

CAREERS SNAPSHOT



CLOUD SECURITY ENGINEER

Secure cloud platforms and workloads, including designing controls, hardening configurations and reducing risk at scale.



CYBERSECURITY ARCHITECT

Design secure systems end to end, embedding security into networks, the cloud, authentication and applications to reduce risk.



INCIDENT RESPONSE SPECIALIST

Investigate and contain cyber incidents, coordinate recovery and strengthen defences after attacks.



PENETRATION TESTER

Simulate real-world attacks to find and verify vulnerabilities, then provide clear remediation advice to improve security.



SECURITY MANAGEMENT SPECIALIST

#5 FASTEST-GROWING GLOBALLY

Lead security strategy, risk and governance, including setting policy, guiding responses and protecting systems and data.

World Economic Forum, Future of Jobs Report 2025

HEAR FROM SASSANDRA

An IT and Science student majoring in Cybersecurity and Zoology.



Learn more:

vt.tiktok.com/ZSFrNRGTo



\$180–220k

TYPICAL SALARY OF A CYBERSECURITY ARCHITECT IN AUSTRALIA

Hays Salary Guide FY25/26

+18%

CYBERSECURITY ANALYSTS AND ARCHITECTS AMONG THE MOST IN-DEMAND TECH ROLES

Tech Council of Australia 2026

PATHWAYS TO A FUTURE IN CYBERSECURITY

Bachelor of Computer Science with a specialisation in Cybersecurity	3 years full time 6 years part time	Clayton
Bachelor of CyberAI (Industry Co-Lab)	3 years full time 6 years part time	Clayton + Industry
Bachelor of Cybersecurity	3 years full time 6 years part time	Clayton
Bachelor of Information Technology with a major in Cybersecurity	3 years full time 6 years part time	Clayton
Bachelor of Information Technology with a major in Cybersecurity + Bachelor of Arts with a major in Criminology	4 years full time 8 years part time	Clayton
Bachelor of Information Technology with a major in Cybersecurity + Bachelor of Laws	5 years full time 10 years part time	Clayton
Bachelor of Information Technology with a major in Cybersecurity + Bachelor of Criminology	4 years full time 8 years part time	Clayton
Master of Cybersecurity	1.5 or 2 years full time 3 or 4 years part time	Clayton

“

I did my Industry-based Learning placement at EY's Advanced Security Centre – and I'm still here after graduation! The placement gave me my first real taste of professional cybersecurity and confirmed this is where my passion lies.

The soft skills I built in the 'IT Professional Practice' unit also made a huge difference as I transitioned into the industry.”

RUBY

Bachelor of Science and Bachelor of Computer Science



DATA SCIENCE

Data makes our world go round. At its core, this discipline equips you to extract insights from mass amounts of information and help organisations make sense of them to drive better outcomes.

GREAT IF YOU...



Like to get down into the details



Love maths and statistics



Are good at finding hidden patterns



Have a talent for translating the complex

CAREERS SNAPSHOT



AI OR MACHINE LEARNING SPECIALIST

#2 FASTEST-GROWING GLOBALLY

Build and apply AI models that learn from data to automate tasks, improve decisions and create new products.



BIG DATA SPECIALIST

#1 FASTEST-GROWING GLOBALLY

Work with large and complex datasets, using distributed systems to process, analyse and deliver actionable insights.



DATA ANALYST

#11 FASTEST-GROWING GLOBALLY

Analyse data to uncover trends, measure performance and answer business questions through reports and dashboards.



DATA SCIENTIST

#11 FASTEST-GROWING GLOBALLY

Develop statistical and machine-learning models to predict outcomes, identify patterns and optimise decisions.



DATA WAREHOUSING SPECIALIST

#6 FASTEST-GROWING GLOBALLY

Design and run large-scale data storage and reporting systems that organise data from across an organisation into reliable, usable information.

World Economic Forum, Future of Jobs Report 2025

DATA SCIENCE STUDIO PROJECT

Discover how our students built a predictive model for determining the likelihood of heart disease.



Learn more:

youtu.be/p0IMukvQb-4



\$115–135k

TYPICAL SALARY OF A DATA SCIENTIST IN AUSTRALIA

Hays Salary Guide FY25/26

+22%

AI / ML ENGINEER AMONG THE MOST IN-DEMAND TECH ROLES

Tech Council of Australia 2026

PATHWAYS TO A FUTURE IN DATA SCIENCE

Bachelor of Computer Science
with a specialisation in Data Science

⌚ 3 years full time
6 years part time

📍 Clayton

Bachelor of Information Technology
with a major in Data Science

⌚ 3 years full time
6 years part time

📍 Clayton

Master of Data Science

⌚ 1.5 or 2 years full time

📍 Clayton



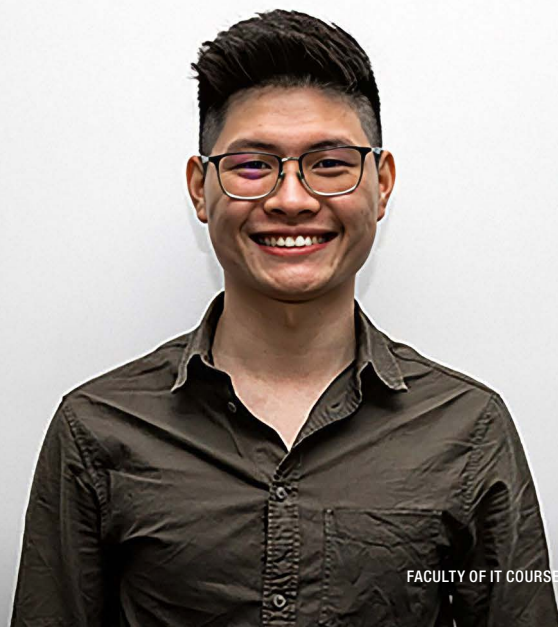
“

The highlight of my course was my final-year project, where my team and I used AI to detect cancer cells and built a supporting web application to make deep learning more accessible to medical professionals.

I also enjoyed my internship, where I worked with geophysicists to develop and train a model to help predict mega-earthquakes.”

DARREN

Bachelor of Computer Science



GAMES AND IMMERSIVE MEDIA

This is the realm of imagination and artistry. Where technology and creativity collide. In this discipline, you'll create interactive, immersive experiences in all shapes, sizes and forms – from virtual worlds to ethereal soundscapes.

GREAT IF YOU...



Love storytelling, games and graphics



See yourself as a maker with a creative spark



Are an AR, VR and XR enthusiast



Enjoy designing, coding and problem-solving

CAREERS SNAPSHOT



GAME DESIGNER

Shape gameplay and interaction, including rules, levels, narrative and the player experience.



GAME DEVELOPER

Build games using software engineering, including coding features, mechanics, tools and gameplay systems.



TECHNICAL ARTIST

Bridge art and code, optimising 3D assets, shaders and performance in real-time engines.



UI AND UX DESIGNER

#8 FASTEST-GROWING GLOBALLY

Design intuitive and accessible digital experiences, shaping how people interact with apps, websites and digital products.



VR AND XR DEVELOPER

Build immersive augmented and virtual reality experiences for games, training, learning and other simulation applications.

World Economic Forum, Future of Jobs Report 2025

MONASH AT PAX

Our students showcased their games at Australia's most exciting gaming and tech convention.



Learn more:

[go.monash.edu/
paxrecap2025](https://go.monash.edu/paxrecap2025)



\$100–150k

TYPICAL SALARY OF A UX / UI DESIGNER IN AUSTRALIA

Hays Salary Guide FY25/26

PATHWAYS TO A FUTURE IN GAMES AND IMMERSIVE MEDIA

Bachelor of Information Technology

with a major in Games and Immersive Media or a minor in 3D Modelling and Animation, Games Development or Games Design



3 years full time
6 years part time



Clayton

Bachelor of Information Technology

with a major in Games and Immersive Media or a minor in 3D Modelling and Animation, Games Development or Games Design + Bachelor of Architectural Studies



4 years full time
8 years part time



Clayton +
Caulfield

Bachelor of Information Technology

with a major in Games and Immersive Media or a minor in 3D Modelling and Animation, Games Development or Games Design + Bachelor of Fine Art



4 years full time
8 years part time



Clayton +
Caulfield

Bachelor of Information Technology

with a major in Games and Immersive Media or a minor in 3D Modelling and Animation, Games Development or Games Design + Bachelor of Design



4 years full time
8 years part time



Clayton +
Caulfield

“

I've been able to turn my designs into tangible products while creating polished websites. My coding knowledge has also given me a leg-up in digital design. These degrees work together seamlessly to offer the best of both worlds.”

EVELYN

Bachelor of Information Technology and Bachelor of Design



SOFTWARE ENGINEERING

Choose a discipline where coding is a superpower and bugs are puzzles begging to be solved. Learn to design, build, test, fix and maintain software for diverse people – grounded in human-centred, ethical practice.

GREAT IF YOU...

<http>

Are a coding connoisseur – or would like to be



Enjoy defining and solving practical problems



Want to help all sorts of organisations and industries



Fancy the skills to deliver solutions and passion projects end-to-end

CAREERS SNAPSHOT

<http>

DEVOPS ENGINEER

#14 FASTEST-GROWING GLOBALLY

Automate software delivery and manage cloud systems so new features can go live quicker, run reliably and scale securely.



FINTech ENGINEER

#2 FASTEST-GROWING GLOBALLY

Build secure financial products and platforms – including payments, digital banking and trading – to balance performance, regulation and customer trust.



INTERNET OF THINGS (IOT) SPECIALIST

#10 FASTEST-GROWING GLOBALLY

Create connected devices and systems, linking sensors, software and networks to automate real-world environments.



SOFTWARE APPLICATIONS DEVELOPER

#4 FASTEST-GROWING GLOBALLY

Build and improve apps and services, designing features, writing code and solving problems for real users.



UI AND UX DESIGNER

#8 FASTEST-GROWING GLOBALLY

Design intuitive and accessible digital experiences, shaping how people interact with apps, websites and other digital solutions.

World Economic Forum, Future of Jobs Report 2025

BACHELOR OF SOFTWARE ENGINEERING (HONOURS)

Find out how you'll learn through real industry experience – and the careers you can step into.



Learn more:
go.monash.edu/
bchenghon



\$100–120k

TYPICAL SALARY OF A SOFTWARE ENGINEER IN AUSTRALIA

Hays Salary Guide FY25/26

+15%

DEVOPS ENGINEERS AMONG THE MOST IN-DEMAND TECH ROLES

Tech Council of Australia 2026

PATHWAYS TO A FUTURE IN SOFTWARE ENGINEERING

Bachelor of Agentic Software Engineering	3 years full time 6 years part time	Clayton
Bachelor of Agentic Software Engineering (Honours)	4 years full time 8 years part time	Clayton
Bachelor of Computer Science with a specialisation in Algorithms and Software	3 years full time 6 years part time	Clayton
Bachelor of Computer Science Advanced (Honours) with a specialisation in Algorithms and Software	4 years full time 8 years part time	Clayton
Bachelor of Information Technology with a major in Software Development	3 years full time 6 years part time	Clayton

“

I chose Monash because it has a remarkable reputation, a broad assortment of course structures, great international prospects and a dynamic range of research environments and industry connections.”

SHOURYA

Bachelor of Software Engineering (Honours)



ENTREPRENEURSHIP AND INDUSTRY EXPERIENCE

We guarantee real-world experience through our embedded professional practice units and other credit points of work-integrated learning opportunities.

IT STUDENT TEAMS

Build your own 'mini business' with students from all faculties to tackle real-world projects for social good.



Learn more:
bit.ly/3T9sZlv

MONASH ASSISTIVE TECH TEAM (MATT)

Hear from Diana Kovaleva, co-founder of the MATT student team, on how they design technology that improves everyday life for people with disabilities.



Learn more:
go.monash.edu/mattteam

INDUSTRY-BASED LEARNING (IBL)

Did you know that 90% of IBL students get job offers before they graduate? Better yet, more than 50% are employed by our program partners! This flagship initiative offers high-performing undergraduate students the opportunity to participate in placements at top organisations like ANZ, Coles and Deloitte, and you'll receive a grant for every internship. All Indigenous students are guaranteed an IBL placement.



Learn more:
bit.ly/3TwkGSq

PROFESSIONAL PRACTICE UNITS

Embedded in every IT degree starting from second year, you'll engage with industry and work on real-world projects – developing an impressive portfolio to showcase your skills upon graduation.



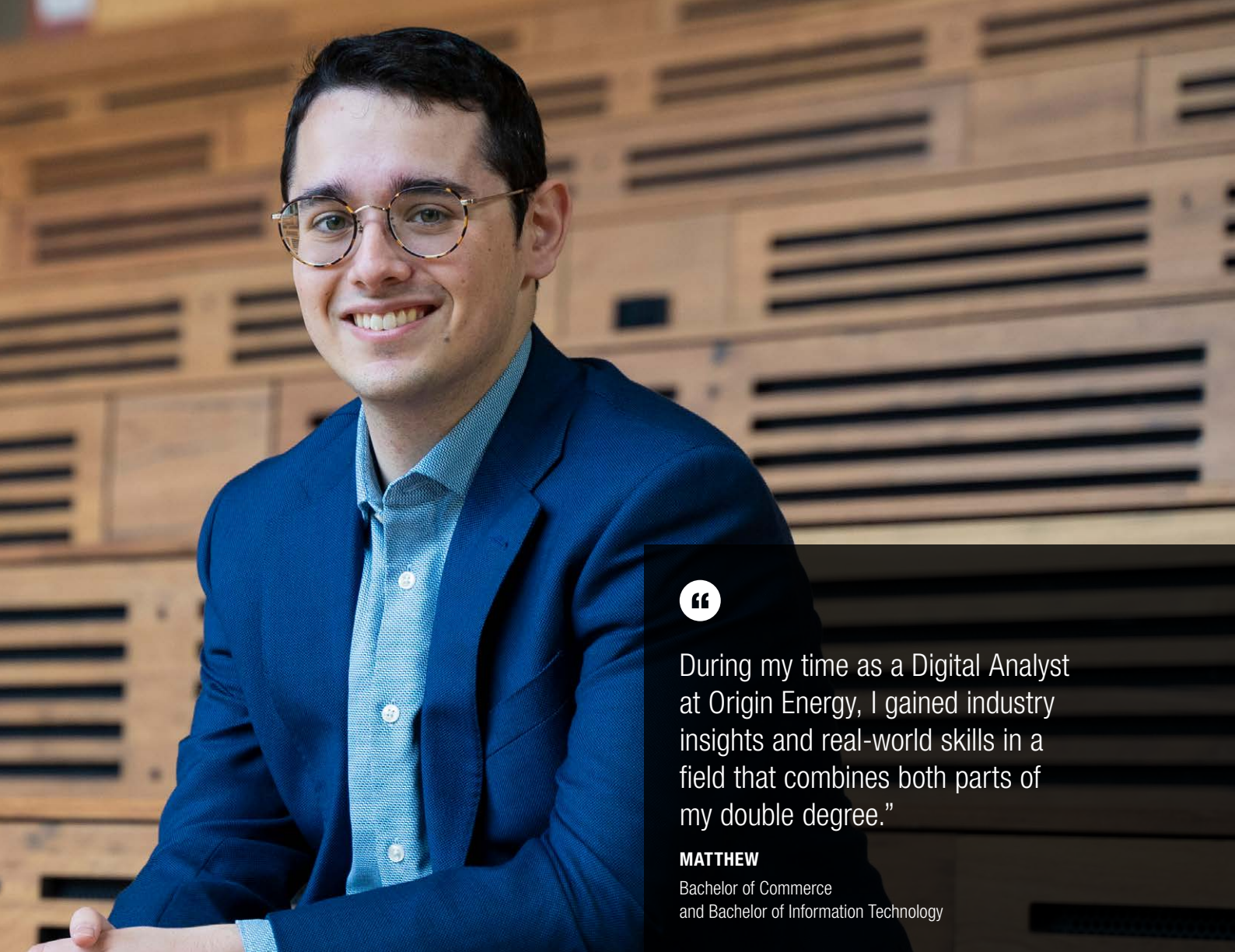
Learn more:
bit.ly/4ajpQa2

ENGINEERING CO-OP PROGRAM

Open to undergraduate software engineering students, work full time or part time over the semester or summer period for 3, 6 or 12 months while receiving a competitive salary. This program does not contribute towards your degree.



Learn more:
bit.ly/48ITrs9



During my time as a Digital Analyst at Origin Energy, I gained industry insights and real-world skills in a field that combines both parts of my double degree.”

MATTHEW

Bachelor of Commerce
and Bachelor of Information Technology

THE GENERATOR

Monash's hub for startup success, The Generator helps students build entrepreneurial skills through hands-on programs like The Validator and StartUp Sprint.



Learn more:
go.monash.edu/generator

FLAGSHIP RICH EDUCATIONAL EXPERIENCES

Every Monash student gets the chance to help address the global challenges of our time. These experiences include:

- **Global Immersion Guarantee (GIG)**
Takes you to another country at the end of first year where you learn how local leaders are addressing the impact of humans on our environment.
- **Monash Innovation Guarantee (MIG)**
A unique chance to work with renowned industry leaders to design innovative solutions that drive real change.
- **Research, Education and Discovery (RED)**
Be immersed in cutting-edge research at Monash and develop strategies to bring your ideas to life.



Learn more:
bit.ly/4cGyDEC

FIT3195 DEEP TECH ENTREPRENEURSHIP

Undergraduate students work in teams to develop an AI venture from idea to minimum viable product in just 12 weeks – with input from successful entrepreneurs.



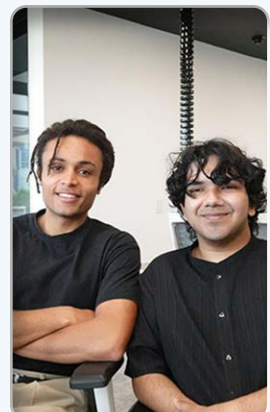
Learn more:
go.monash.edu/fit3195

GOT A START-UP SPIRIT?

Zahir and Hakeem invented 'Nudge', an AI-powered budgeting app, in our Deep Tech Entrepreneurship unit – earning them a place in Antler's prestigious startup incubator.



Learn more:
go.monash.edu/antler-nudge



SCHOLARSHIPS, MENTORSHIPS AND FURTHER SUPPORT

Balancing study with work and other commitments can be challenging. Our range of resources can help you manage your study load, so you can focus on building new skills and your career.

SCHOLARSHIPS AND GRANTS UNDERGRADUATE



Learn more:
bit.ly/48JMMxD



INFORMATION TECHNOLOGY EXCELLENCE SCHOLARSHIP

Up to \$24K for high-achieving students who want to study a single or double degree in IT at Monash.



MONASH INTERNATIONAL MERIT SCHOLARSHIP

Up to \$50K given to high-achieving international students who have received an offer from Monash or are currently enrolled in a degree.



FACULTY OF IT INTERNATIONAL MERIT SCHOLARSHIP

Up to 20% off tuition fees offered to high-achieving students from India, Sri Lanka and Bangladesh who choose to study a single bachelor's degree managed by the Faculty.



TECHNOLOGY EQUIPMENT STUDY SUPPORT GRANT

A grant to help students from low socioeconomic backgrounds to secure the equipment they need to complete their IT degree.



POSTGRADUATE



INFORMATION TECHNOLOGY POSTGRADUATE SCHOLARSHIP

For continuing students studying a graduate IT degree, this scholarship provides \$6K per annum towards course fees.



COMMONWEALTH SUPPORTED PLACES (CSP)

For domestic students, a CSP could be available in your selected course that's partially subsidised by the government.



GOVERNMENT INCOME SUPPORT (DOMESTIC STUDENTS ONLY)

Students enrolled in an approved master's by coursework degree may be eligible for Youth Allowance, Austudy, a Pensioner Education Supplement or another government program.

MENTORSHIPS AND STUDY SUPPORT



MONASH STUDENT ASSOCIATION (MSA)

As the main voice for undergraduate students, the MSA runs a range of initiatives to support a well-rounded university experience – from events that help you build community to confidential advocacy when you need guidance.



Learn more: go.monash.edu/msa



MONASH GRADUATE ASSOCIATION (MGA)

For 50 years, the MGA has provided graduate research and coursework students with advocacy, advice and support services. They can help you resolve any administrative, academic or welfare issues.



Learn more: bit.ly/3TnimM6



DISABILITY SUPPORT SERVICES

If you live with a disability or manage a medical or mental health condition, Monash offers tailored support to help you thrive in your studies, including the opportunity to be matched with a peer mentor.



Learn more: go.monash.edu/dss



PEER MENTORING PROGRAM

Matches newcomers with an experienced student mentor and a small group of first-year undergraduate students from their faculty.



Learn more: bit.ly/3VbtEW8

FOR INDIGENOUS STUDENTS

SCHOLARSHIPS

INFORMATION TECHNOLOGY INDIGENOUS MERIT SCHOLARSHIP

A generous scholarship of up to \$16,000 paid towards course fees, awarded to the highest achieving eligible student based on academic achievement from previous study.



Learn more: monash.edu/it/future-students/scholarships

INFORMATION TECHNOLOGY INDIGENOUS STUDY SUPPORT SCHOLARSHIP

A scholarship of up to \$15,000 awarded to Indigenous students who want to study, or are currently studying, an IT degree and come from a defined educational disadvantage group.

FACULTY OF IT INDIGENOUS ACCOMMODATION SCHOLARSHIP

Offered to Indigenous students who wish to pursue a single IT degree. Successful recipients receive one year's accommodation in a Standard Room in the MRS Halls of Residence, up to the value of \$14,000 p.a.

INITIATIVES AND OPPORTUNITIES

MONASH INDIGENOUS ENTRY SCHEME

This scheme provides an entry point for Indigenous students who score an ATAR of 50 into our Bachelor of Information Technology.



Learn more: bit.ly/3ItEwaq

FACULTY OF IT INDIGENOUS STUDENT GUARANTEE

A \$10K scholarship every year of a full-time degree, a place in the Industry-Based Learning program, invitations to community and faculty events, and ongoing support from our Indigenous Engagement team.



Learn more: monash.edu/it/indigenous-guarantee

WILLIAM COOPER INSTITUTE

A hub for Aboriginal and Torres Strait Islander research, learning and engagement – promoting Indigenous leadership and advancement across Monash University.

The Institute implements comprehensive engagement programs with secondary schools and strengthens connections with Indigenous community-controlled organisations to build greater awareness of Monash's course offerings, pathways, entry schemes, scholarships and support.

What's more, it provides Indigenous students with a range of opportunities, events and resources to drive their success in university and their careers.



Learn more: bit.ly/3TtEV2Z

FOR WOMEN STUDENTS

SCHOLARSHIPS

WOMEN IN TECHNOLOGY SCHOLARSHIP

Supporting high-achieving women who want to study an undergraduate IT degree at Monash with a one-off \$6K scholarship.



Learn more:

go.monash.edu/wit-scholar

MENTORSHIPS

WOMEN IN TECHNOLOGY (WIT) MENTORING PROGRAM

Fosters connections and provides development opportunities for budding women professionals in IT. The only initiative of its kind at Monash, it pairs women and nonbinary students with accomplished women mentors from industry for four months.



Learn more:

bit.ly/3PwwmSE

COMMUNITY

ASSOCIATION FOR COMPUTING MACHINERY – WOMEN (ACM-W)

Open to women and gender-diverse persons, membership gives you access to ACM-W's global community, leadership opportunities, eligibility for scholarships and awards, and more.



Learn more:

go.monash.edu/acm-w

UNITY

A collective of women and non-binary students studying IT dedicated to developing supportive networks and sharing knowledge to achieve success in their studies.



Learn more:

bit.ly/3xmn2KU



BEYOND THE CLASSROOM

Your time at Monash will be enriching in every way. We help you go beyond the classroom so you can experience new things, forge lifelong connections, explore your interests and engage in meaningful extracurricular activities.

'STUDY OR TRAVEL?' HOW ABOUT BOTH.

Partnering with 160+ universities across 35+ countries, Monash's exchange programs let you combine study and travel – whether that's learning at our Prato Centre in Italy or joining an undergraduate research project abroad with leading academics.



Learn more:
monash.edu/study-abroad

CAMPUS FACILITIES AND SERVICES

As Australia's largest university, we're home to a wide range of campus amenities and services, including theatres, a gym and swimming pool, clinics and counselling, medical and financial support, cafés, galleries, a hair salon and concert halls.



Learn more:
monash.youtour.com.au

IT STUDENT AMBASSADOR PROGRAM

Our official ambassador program is a paid opportunity for students to gain experience supporting the Faculty's recruitment and marketing activities, from hosting campus tours, to speaking with future students at schools, to creating social media content and more.



Learn more:
bit.ly/3JnVU0x



FIND YOUR PEOPLE

Our clubs and societies help you meet other students while nurturing your growth.



ASSOCIATION FOR COMPUTING MACHINERY – WOMEN (ACM-W)

Connects women and gender-diverse students to ACM-W's global community, professional development opportunities, scholarships and more.



COMMERCE AND COMPUTING ASSOCIATION (CCA)

Hosts social and industry activities that help members enhance their networking and public speaking skills – and boost their employability.



DIVERSIT MONASH

Creates a welcoming space for underrepresented groups in IT by fostering a sense of community, providing career guidance and forging a strong support network.



GLEAM

A group for Queer+ identifying science, technology, engineering and maths students to form nurturing connections across Monash.



GOOGLE DEVELOPER GROUPS ON CAMPUS (GDGOC)

A student-led community bridging academia and the tech world, helping peers learn, build and grow with Google technologies through workshops, hackathons, study jams, and industry connections.



MONASH ASSOCIATION OF CODING (MAC)

Imparts valuable skills by providing a collaborative, innovative platform for students to solve programming problems, complete projects and learn from one another.



MONASH CYBERSECURITY CLUB (MONSEC)

Develops and encourages cybersecurity awareness and applications.



MONASH DATA AND AI SOCIETY

A network for postgraduate students interested in data science and AI to connect with like-minded peers, collaborate and contribute new ideas.



MONASH ELECTRONIC GAMING ASSOCIATION (MEGA)

Monash's premier gaming club which hosts weekly gaming sessions that allow students to bond over their enthusiasm for this shared activity.



MONASH ENERGY CLUB

Educates and connects driven students to energy issues and organisations – shaping the future of the sector in Australia.



UNITY

A community of women and non-binary IT students focused on building supportive networks, sharing knowledge and helping each other succeed in their studies.



WIRED MONASH

A club offering an abundance of networking opportunities and access to social events, so you can connect with industry and other IT students.



Learn more:
bit.ly/438Q0cZ

DOMESTIC UNDERGRADUATE

PREREQUISITE SUBJECT LEVELS

All undergraduate courses require you to have previously studied and achieved required Australian level standards in specific subjects.

For any English prerequisite, you can meet this requirement by completing an approved English subject. The table below outlines approved English subjects for common global qualifications. Other ways to meet English requirements are detailed on **page 34** in this guide.

ENGLISH			
■ Level 1 – English (Australian Year 12 equivalent)		■ Level 2 – Higher score in English (Australian Year 12 equivalent)	
VCE			
Units 3 and 4: a study score of at least 25 in English (EAL) or English other than EAL		Units 3 and 4: a study score of at least 35 in English (EAL) or 30 in English other than EAL	
IB			
At least 4 in one of the following SL subjects: - English A: Literature - English A: Language and Literature - Literature and Performance, OR At least 3 in one of the following HL subjects: - English A: Literature - English A: Language and Literature, OR	At least 5 in one of the following SL subjects: - English AB - English B, OR At least 4 in the following HL subject: - English B	At least 5 in one of the following SL subjects: - English A: Literature, OR - English A: Language and Literature - Literature and Performance, OR At least 4 in one of the following HL subjects: - English A: Literature - English A: Language and Literature, OR	At least 6 in one of the following SL subjects: - English AB - English B, OR At least 5 in the following HL subject: - English B
GCE A LEVELS			
C grade or score of 4 in one of the following IGCSE subjects: - Literature in English - Literature (English) - English Literature - Cambridge First Language English 0522/0627/0990 - World Literature - English Language - English Language A - English Language B, OR B grade or score of 5 in IGCSE English as a Second Language, OR C grade in Cambridge IGCSE First Language English 0500 with a grade 3 or lower in Speaking and Listening, OR C grade or score of 4 in one of the following GCSE/GCE O Level subjects: - English Language - Literature in English - English Literature - English - English Language (Syllabus B)	C grade in one of the following GCE AS Level subjects: - General Paper - General Studies - English General Paper - English language - Language and Literature in English (previously known as Language and Literature) - Literature in English - English Literature - English Language and Literature, OR E grade in one of the following GCE A Level subjects: - General Studies - English General Paper - English language - Literature in English - English Language and Literature - English Literature, OR - GCE A Level English Rich subject¹	B grade or score of 5 in one of the following IGCSE subjects: - Literature in English - Literature (English) - English Literature - Cambridge First Language English 0522/0627/0990 - World Literature - English Language - English Language A - English Language B, OR A grade or score of 7 in IGCSE English as a Second Language, OR B grade in Cambridge IGCSE First Language English 0500 with a grade 2 or lower in Speaking and Listening, OR B grade or score of 5 in one of the following GCSE/GCE O Level subjects: - English Language - Literature in English - English Literature - English - English Language (Syllabus B)	B grade in one of the following GCE AS Level subjects: - General Paper - General Studies - English General Paper - English language - Language and Literature in English (previously known as Language and Literature) - Literature in English - English Literature - English Language and Literature, OR D grade in one of the following GCE A Level subjects: - General Studies - English General Paper - English language - Literature in English - English Language and Literature - English Literature, OR - GCE A Level English Rich subject¹
ADVANCED PLACEMENT			
AP examination score of 3 in one of the following: - AP English Language and Composition, and - AP English Literature and Composition		AP examination score of 4 in one of the following: - AP English Language and Composition, and - AP English Literature and Composition	
SCHOLASTIC APTITUDE TEST			
Refer to Advanced Placement and American High School Diploma to locate other ways on how to satisfy English prerequisite requirements ²			
SCHOLASTIC APTITUDE TEST SUBJECT TESTS			
Refer to Advanced Placement and American High School Diploma to locate other ways on how to satisfy English prerequisite requirements ²			
AMERICAN HIGH SCHOOL DIPLOMA (MUST BE REGIONALLY ACCREDITED)			
Pass average in Grade 12 English or Grade 12 English Rich subject ¹		100% scale (60% pass): 70% average in Grade 12 English or Grade 12 English Rich subject ¹ 100% scale (65% pass): 75% average in Grade 12 English or Grade 12 English Rich subject ¹ 100% scale (70% pass): 80% average in Grade 12 English or Grade 12 English Rich subject ¹	

1. The acceptance of English Rich subjects is subject to faculty approval (other guidelines also apply).

2. Monash University does not accept SAT Subject Test in Literature as meeting English prerequisite requirements.

DOMESTIC UNDERGRADUATE

ASSUMED KNOWLEDGE

Some undergraduate courses require you to have prior knowledge in maths and/or science to prepare you to succeed in your studies at Monash University. If you apply directly to Monash University and have completed an:

- **Australian Year 12 or International Baccalaureate Diploma Programme in or outside Australia.** You'll be required to meet the maths and/or science prerequisite level requirements for your preferred course as specified in the table below. The maths and/or science levels for each course can be located on the course specific pages.
- **International senior secondary qualification with maths and/or science at the required level.** It will be assumed that you have reached the level of knowledge equivalent to the VCE prerequisite required for this course. To make sure you are fully prepared for your studies Monash strongly recommends that you strengthen your knowledge in the relevant areas by completing the online modules, once they are available at the end of 2025 at monash.edu/student-academic-success/programs/assumed-knowledge and before you commence your studies at Monash University.

MATHS

■ Level 1 ^{1,2} Mathematics (Australian Year 11 equivalent)	■ Level 2 ² Mathematics (Australian Year 12 equivalent)	■ Level 3 Higher level mathematics (Australian Year 12 equivalent)	■ Science (Australian Year 12 equivalent)
AUSTRALIAN YEAR 12			
VCE: Units 1 AND 2: Satisfactory completion in 2 units (any study combination) of General Mathematics or, Mathematical Methods or Specialist Mathematics, or Australian interstate equivalent.	VCE Units 3 AND 4: a study score of at least 22 in Mathematical Methods (any) or Specialist Mathematics, or a score of at least 25 in General Mathematics (previously known as Further Mathematics), or Australian interstate equivalent.	VCE: Units 3 and 4: a study score of at least 25 in one of Mathematical Methods (any) or Specialist Mathematics, or Australian interstate equivalent.	VCE: Units 3 and 4: a study score of at least 25 in one of Biology, Chemistry, Environmental Science, Geography, Mathematical Methods (any), Specialist Mathematics, Physics or Psychology, or Australian interstate equivalent, unless otherwise stated.
INTERNATIONAL BACCALAUREATE (IB) DIPLOMA PROGRAMME			
At least 3 in any mathematics subject at SL or HL level.	At least of 4 in the following SL subject: Mathematics: Application and Interpretations	At least 4 in the following SL subject: - Mathematics: Analysis and Approaches, OR - At least 3 in the following HL subjects: - Mathematics: Applications and Interpretations, OR - Mathematics: Analysis and Approaches.	At least 4 at SL or 3 at HL in Biology, Chemistry, Environmental Systems and Societies (SL only), Geography, Mathematics: Analysis and Approaches, Mathematics: Applications and Interpretations (HL only), Physics or Psychology, unless otherwise stated.

1. Level 2 and 3 mathematics subjects can also be used to satisfy Level 1 mathematics prerequisite requirements.
2. Level 3 Mathematics subjects can also be used to satisfy Level 1 and Level 2 mathematics prerequisite requirements.

DOMESTIC UNDERGRADUATE

ADMISSIONS AND ATARS

Course	Duration (years) ³	Prerequisites						Degree awarded	Location	Indicative ⁴ ATAR	Indicative ⁴ IB score	Monash Guarantee	
		English		Mathematics		Science							
		Level 1	Level 2	Level 1	Level 2	Level 3	Approved list or specified						
SINGLE DEGREES													
Artificial Intelligence	3	■				■		Bachelor of Artificial Intelligence	CL	80+	28	78	
Artificial Intelligence Advanced (Honours)	4	■					■	Bachelor of Artificial Intelligence Advanced (Honours)		90+	33	86	
Agentic Software Engineering	3	■					■	Bachelor of Agentic Software Engineering		80+	28	78	
Agentic Software Engineering (Honours)	4	■					■	Bachelor of Agentic Software Engineering (Honours)		85+	30	78	
Computer Science	3	■					■	Bachelor of Computer Science		80.15	28	78	
								Bachelor of Computer Science in Data Science					
								Bachelor of Computer Science in Artificial Intelligence					
								Bachelor of Computer Science in Cybersecurity					
Computer Science Advanced (Honours)	4	■					■	Bachelor of Computer Science Advanced (Honours)		95.10	33	86	
Cybersecurity	3	■					■	Bachelor of Cybersecurity		80+	28	78	
CyberAI (Industry Co-Lab)	3	■					■	Bachelor of CyberAI (Industry Co-Lab)		85+	30	78	
Engineering (Honours)	4	■					■	Chemistry, Physics or Biology ¹⁰		Bachelor of Software Engineering (Honours)	85	30	75
Information Technology ¹	3	■			■					Bachelor of Information Technology	73	26	73
Information Technology (Honours)	1	■			■					Bachelor of Information Technology (Honours)	HON		
DOUBLE DEGREES													
Architectural Studies / Information Technology	4	■			■				Bachelor of Architectural Studies and Bachelor of Information Technology	CA	75	27	73
Artificial Intelligence / Arts	4	■					■		Bachelor of Artificial Intelligence and Bachelor of Arts	CL	80+	28	78
Artificial Intelligence / Biomedical Science	4	■					■		Bachelor of Artificial Intelligence and Bachelor of Biomedical Science		85+	33	86
Artificial Intelligence / Commerce	4	■						■	Bachelor of Artificial Intelligence and Bachelor of Commerce		83+	31	78
Artificial Intelligence / Design	4	■						■	Bachelor of Artificial Intelligence and Bachelor of Design		80+	28	78
Artificial Intelligence / Health Sciences	4	■						■	achelor of Artificial Intelligence and Bachelor of Health Sciences		80+	28	78
Artificial Intelligence / Media Communication	4	■						■	Bachelor of Artificial Intelligence and Bachelor of Media Communication		80+	28	78
Artificial Intelligence / Science	4	■						■	Bachelor of Artificial Intelligence and Bachelor of Science		80+	28	78
Business / Information Technology ⁵	4	■					■		Bachelor of Business and Bachelor of Information Technology	CL, CA	77.20	27	75
Commerce / Computer Science	4	■					■		Bachelor of Commerce and Bachelor of Computer Science	CL	87.40	31	78
									Bachelor of Commerce and Bachelor of Computer Science in Artificial Intelligence				
									Bachelor of Commerce and Bachelor of Computer Science in Cybersecurity				
									Bachelor of Commerce and Bachelor of Computer Science in Data Science				
Commerce / Information Technology	4	■						■	Bachelor of Commerce and Bachelor of Information Technology	CL	87.75	31	78
Criminology / Information Technology	4	■					■		Bachelor of Criminology and Bachelor of Information Technology	CL	75.85	28	75
Design / Information Technology ⁵	4	■							Bachelor of Communication Design and Bachelor of Information Technology	CL, CA	75.20	27	75
									Bachelor of Collaborative Design and Bachelor of Information Technology				
									Bachelor of Industrial Design and Bachelor of Information Technology				
									Bachelor of Spatial Design and Bachelor of Information Technology				
Engineering (Honours) / Computer Science	5	■					■	Chemistry, Physics or Biology ¹⁰	Bachelor of Electrical and Computer Systems Engineering (Honours) and Bachelor of Computer Science	CL	85.90	30	78
									Bachelor of Robotics and Mechatronics Engineering (Honours) and Bachelor of Computer Science				
									Bachelor of Software Engineering (Honours) and Bachelor of Computer Science				
Digital Business / Information Technology	4	■					■		Bachelor of Digital Business and Bachelor of Information Technology	CL, CA	77.30	26	73

Course	Duration (years) ³	Prerequisites						Degree awarded	Location	Indicative ⁴ ATAR	Indicative ⁴ IB score	Monash Guarantee
		English		Mathematics		Science						
		Level 1	Level 2	Level 1	Level 2	Level 3	Approved list or specified					
DOUBLE DEGREES												
Engineering (Honours) / Information Technology	5						Chemistry, Physics or Biology ¹⁰	Bachelor of Electrical and Computer Systems Engineering (Honours) and Bachelor of Information Technology	CL	85.60	30	76
								Bachelor of Robotics and Mechatronics Engineering (Honours) and Bachelor of Information Technology				
								Bachelor of Software Engineering (Honours) and Bachelor of Information Technology				
Fine Art / Information Technology ^{5,6}	4							Bachelor of Fine Art and Bachelor of Information Technology ⁶	CA, CL	RC	RC	RC
Global Studies / Information Technology	4							Bachelor of Global Studies and Bachelor of Information Technology	CL	78	30	78
Information Technology / Arts ⁷	4							Bachelor of Information Technology and Bachelor of Arts	CL	75.20	28	78
Information Technology / Science ⁸	4							Bachelor of Information Technology and Bachelor of Science	CL	82.75	28	78
Laws (Honours) / Computer Science	5.25 ⁹							Bachelor of Laws (Honours) and Bachelor of Computer Science	CL	95.85	36	86
								Bachelor of Laws (Honours) and Bachelor of Computer Science in Artificial Intelligence				
								Bachelor of Laws (Honours) and Bachelor of Computer Science in Cybersecurity				
								Bachelor of Laws (Honours) and Bachelor of Computer Science in Data Science				
Laws (Honours) / Information Technology	5.25 ⁹							Bachelor of Laws (Honours) and Bachelor of Information Technology	CL	95.60	36	86
Science / Computer Science ⁸	4							Bachelor of Science and Bachelor of Computer Science	CL	87.40	28	78
								Bachelor of Science and Bachelor of Computer Science in Artificial Intelligence				
								Bachelor of Science and Bachelor of Computer Science in Cybersecurity				
								Bachelor of Science and Bachelor of Computer Science in Data Science				

Some double degree courses may require you to study across two campuses in order to complete your course. To be eligible for admission to a double degree course, you'll need to meet the academic entry requirements for both single degree courses. All scores are to be used as a guide only. For detailed international, non-school leaver and double degree entry requirements, visit: monash.edu/study.

1 Indigenous entry pathway

CL – Clayton | CA – Caulfield

HON – Honours qualification: Successful completion of a relevant Australian bachelor degree in Information Technology (or equivalent) within the past 5 years, with an average of at least 70% overall or equivalent qualifications and experience approved by the faculty.

RC – Range of criteria.

E – Estimated: the provided score is estimated and is to be used as a guide only.

- Some Monash courses require a higher prerequisite score than stated above.
- Level 2 and 3 mathematics subjects can also be used to satisfy Level 1 mathematics prerequisite requirements.
- Duration is based on a standard full time load of 48 credit points per annum.
- Indicative – The provided score is the 2026 lowest ATAR to which an offer was made, or an Estimate (E), and is to be used as a guide only.
- IT units will be taught at Clayton campus.
- This course has additional selection requirements. For further details, see monash.edu/study.
- Depending on your Arts major, you may take the Arts component at Clayton or Caulfield.
- Studies must have been completed within five years of intended commencement. If you have not studied science in the past five years, you may still meet the requirements if you can demonstrate that you have engaged with science meaningfully after your studies. This could be through work, teaching or volunteering. If you believe you meet the requirements in this way, please provide us with a CV, letter of support from an employer/supervisor or another form of written proof that can demonstrate how you have engaged with science in the past five years.
- The Bachelor of Laws (Honours) is an accelerated course where you must undertake more than the standard annual load of 48 credit points in year two and/or year three to complete the course in four calendar years.
- A study score of at least 25 in Physics or Chemistry, or 30 in Biology.

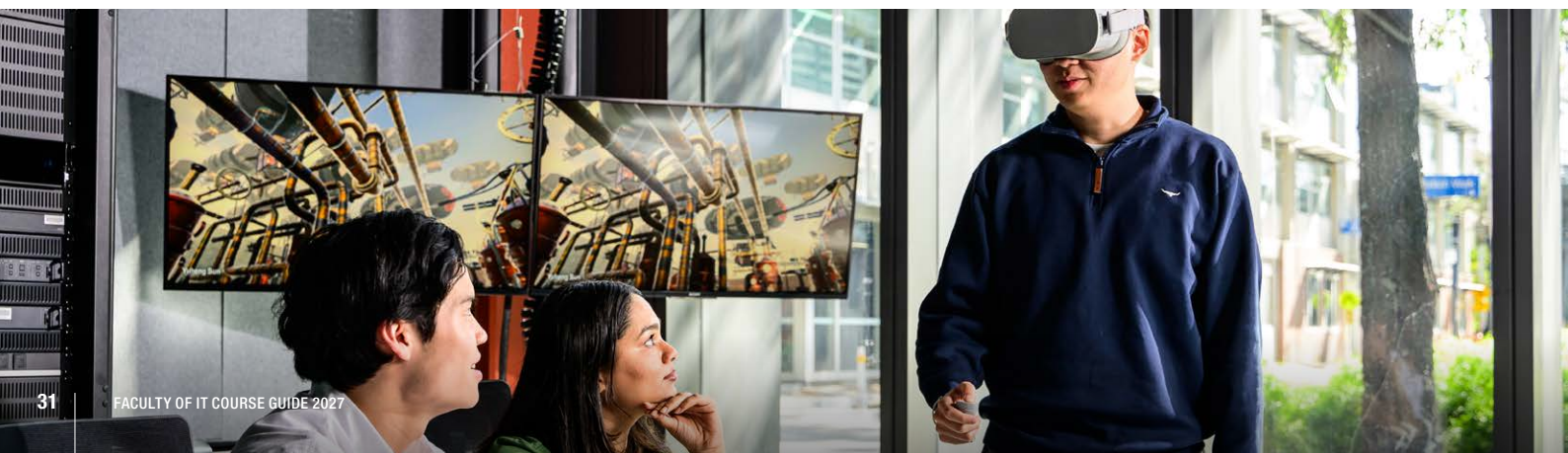


ENTRY REQUIREMENTS

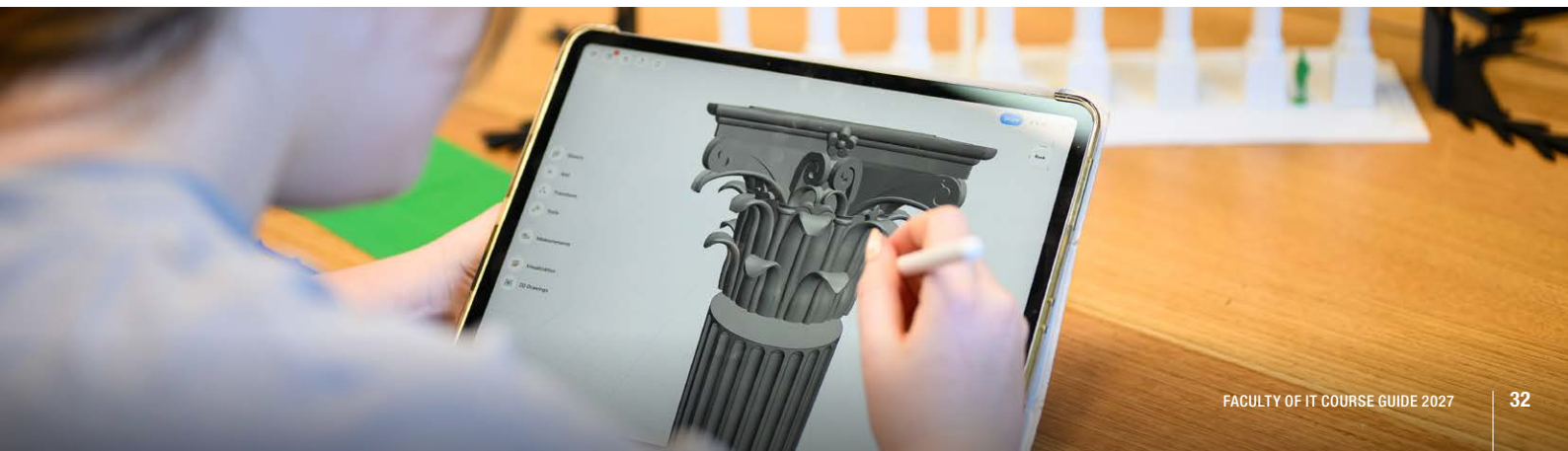
		Entry scores ¹														
Country	International qualification	C2012 Bachelor of Agentic Software Engineering	C3003 Bachelor of Agentic Software Engineering (Honours)	C2005 Bachelor of Artificial Intelligence	C3002 Bachelor of Artificial Intelligence Advanced (Honours)	C2001 Bachelor of Computer Science	C3001 Bachelor of Computer Science Advanced (Honours)	C2013 Bachelor of Cybersecurity	C2000 Bachelor of Information Technology	F2017 Bachelor of Architectural Studies and Bachelor of Information Technology	C2009 Bachelor of Artificial Intelligence and Bachelor of Arts	C2006 Bachelor of Artificial Intelligence and Bachelor of Biomedical Science	C2015 Bachelor of Artificial Intelligence and Bachelor of Commerce	C2007 Bachelor of Artificial Intelligence and Bachelor of Design	C2008 Bachelor of Artificial Intelligence and Bachelor of Health Sciences	C2011 Bachelor of Artificial Intelligence and Bachelor of Media Communication
Australia	ATAR for international students	80+	85+	80+	90+	80.15	95.1	80+	73	75	80+	85+	83+	80+	80+	80+
	UNSW Foundation Studies	7.5	8	7.5	8.5	7.5	8.5	7.5	7	7.25	7.5	8.5	8.25	7.5	7.5	7.5
	University of Melbourne, Trinity College Foundation Studies	77%	81%	77%	80%	77%	86%	77%	72%	74%	77%	86%	83%	77%	77%	77%
	Monash pathway programs															
	Monash University Foundation Year	PENDING	PENDING	72.5%	N/A	70%	NA	PENDING	70%	70%	PENDING	PENDING	PENDING	PENDING	PENDING	PENDING
	Monash Advanced Preparation Program	PENDING	PENDING	72.5%	N/A	70%	NA	PENDING	70%	PENDING	PENDING	PENDING	PENDING	PENDING	PENDING	PENDING
	Diploma Part 2	CBC	CBC	60%	N/A	60%	NA	CBC	55%	CBC	CBC	CBC	CBC	CBC	CBC	CBC
Global	GCE A Levels	9	10	9	12	9	12	9	8	8.5	9	10	11	9	9	9
	International Baccalaureate (IB) Diploma Programme	28	30	28	33	28	33	28	26	27	28	33	31	28	28	28
	Advanced Placement	7	7	7	8	7	8	7	6	6	7	7	7	7	7	7
	SAT (Total score out of 1600)	1190	1240	1190	1290	1190	1290	1190	1160	1180	1190	1240	1270	1190	1190	1190
China	Gaokao	75%	70%	70%	75%	70%	75%	70%	65%	65%	65%	75%	70%	65%	65%	65%
Hong Kong	Hong Kong Diploma of Secondary Education	17	19	17	21	17	21	17	15	16	17	19	20	17	17	17
India	All India Senior School Certificate	75%	80%	75%	83%	75%	83%	75%	70%	72.50%	75%	80%	81%	75%	75%	75%
	Indian School Certificate Examination	70%	75%	70%	77%	70%	77%	70%	65%	67.50%	70%	75%	76%	70%	70%	70%
Malaysia	STPM	8.5	9.1	8.5	9.7	8.5	9.7	8.5	7.9	8.2	8.5	9.1	9.4	8.5	8.5	8.5
	UEC	4.2	3.4	4.2	2.6	4.2	2.6	4.2	5	4.6	4.2	3.4	3	4.2	4.2	4.2
Republic of Korea	College Scholastic Ability Test	320	340	320	350	320	350	320	310	315	320	340	345	320	320	320
	High School Diploma	77%	81%	77%	86%	77%	86%	77%	72%	74%	77%	81%	83%	77%	77%	77%
Vietnam	High School Diploma	8.28	8.42	8.28	8.56	8.28	8.56	8.28	8.14	8.21	8.28	8.42	8.49	8.28	8.28	8.28

1. The provided scores are indicative and are subject to change, to be used as a guide only.

2. CBC - Case by case



Country	International qualification	Entry scores ¹																
		C2010 Bachelor of Artificial Intelligence and Bachelor of Science	B2017 Bachelor of Business and Bachelor of Information Technology	B2008 Bachelor of Commerce and Bachelor of Computer Science	B2025 Bachelor of Commerce and Bachelor of Information Technology	A2009 Bachelor of Criminology and Bachelor of Information Technology	F2012 Bachelor of Design and Bachelor of Information Technology	B2050 Bachelor of Digital Business and Bachelor of Information Technology	E3010 Bachelor of Engineering (Honours) and Bachelor of Computer Science	E3011 Bachelor of Engineering (Honours) and Bachelor of Information Technology	F2006 Bachelor of Fine Art and Bachelor of Information Technology	A2015 Bachelor of Global Studies and Bachelor of Information Technology	C2002 Bachelor of Information Technology and Bachelor of Arts	C2003 Bachelor of Information Technology and Bachelor of Science	L3011 Bachelor of Laws (Honours) and Bachelor of Computer Science	L3010 Bachelor of Laws (Honours) and Bachelor of Information Technology	S2004 Bachelor of Science and Bachelor of Computer Science	
Australia	ATAR for international students	80+	77.2	87.4	87.75	75.85	75.2	77.3	85.9	85.6	RC	78	75.2	82.75	95.85	95.6	87.4	
	UNSW Foundation Studies	7.5	7.25	8.25	8.25	7.5	7.25	7	8	8	7.25	8	7.5	7.5	9	9	7.5	
	University of Melbourne, Trinity College Foundation Studies	77%	74%	83%	83%	77%	74%	72%	81%	81%	74%	81%	77%	77%	90%	90%	77%	
	Monash pathway programs																	
	Monash University Foundation Year	PENDING	70%	76.25%	76.25%	67.50%	70%	70%	76.25%	76.25%	70%	72.50%	70%	72.50%	85%	85%	72.50%	
	Monash Advanced Preparation Program	PENDING	PENDING	PENDING	PENDING	PENDING	PENDING	PENDING	PENDING	PENDING	PENDING	PENDING	PENDING	PENDING	PENDING	PENDING	PENDING	72.50%
	Diploma Part 2	CBC	CBC	CBC	CBC	CBC	CBC	CBC	CBC	CBC	CBC	CBC	CBC	CBC	CBC	CBC	CBC	60%
Global	GCE A Levels	9	8.5	11	11	9	8.5	8	10	10	8.5	10	9	9	13	13	9	
	International Baccalaureate (IB) Diploma Programme	28	27	31	31	28	27	26	30	30	27	30	28	28	36	36	28	
	Advanced Placement	7	6	7	7	7	6	6	7	7	6	7	7	7	9	9	7	
	SAT (Total score out of 1600)	1190	1180	1270	1270	1190	1180	1160	1240	1240	1180	1240	1190	1190	1360	1360	1190	
China	Gaokao	65%	65%	70%	70%	65%	65%	65%	75%	75%	65%	70%	65%	65%	80%	80%	70%	
Hong Kong	Hong Kong Diploma of Secondary Education	17	16	20	20	17	16	15	19	19	16	19	17	17	23	23	17	
India	All India Senior School Certificate	75%	72.50%	81%	81%	75%	72.50%	70%	80%	80%	72.50%	80%	75%	75%	85%	85%	75%	
	Indian School Certificate Examination	70%	67.50%	76%	76%	70%	67.50%	65%	75%	75%	67.50%	75%	70%	70%	80%	80%	70%	
Malaysia	STPM	8.5	8.2	9.4	9.4	8.5	8.2	7.9	9.1	9.1	8.2	9.1	8.5	8.5	10.3	10.3	8.5	
	UEC	4.2	4.6	3	3	4.2	4.6	5	3.4	3.4	4.6	3.4	4.2	4.2	1.8	1.8	4.2	
Republic of Korea	College Scholastic Ability Test	320	315	345	345	320	315	310	340	340	315	340	320	320	365	365	320	
	High School Diploma	77%	74%	83%	83%	77%	74%	72%	81%	81%	74%	81%	77%	77%	90%	90%	77%	
Vietnam	High School Diploma	8.28	8.21	8.49	8.49	8.28	8.21	8.14	8.42	8.42	8.21	8.42	8.28	8.28	8.7	8.7	8.28	



ENTRY REQUIREMENTS

Course	Duration				
	Standard	Expedited			
Master of Artificial Intelligence	●			●	
Master of Business Information Systems	●				●
Master of Business Information Systems and Global Business	●				●
Master of Business Information Systems and Management	●				●
Master of Cybersecurity	●		●		
Master of Data Science	●		●		
Master of Information Technology	●	●			

STANDARD DURATION

Single degree: 2 years full time, 4 years part time (96 points to complete)

Double degree: 2.5 years full time, 5 years part time (120 points to complete)

Entry requirements:

- An Australian bachelor degree (or equivalent) not necessarily in IT, with at least a credit (60%) average.

EXPEDITED DURATION

Single degree: 1.5 years full time, 3 years part time (72 points to complete)

Double degree: 2 years full time, 4 years part time (96 points to complete)

Entry requirements:

- An Australian bachelor degree (or equivalent) in a cognate discipline or major in IT including computing, computer science or a technical information technology field, with completed studies in java and python programming, algorithms, computer architecture, operating systems and networks, and databases with at least a 60% average.
- An Australian bachelor degree (or equivalent) in a cognate discipline including computing, computer science, software engineering, computer systems, electrical, electronic or communication engineering with completed studies in python programming, algorithms, computer architecture, operating systems and networks, systems analysis and design and databases with at least a credit (60%) average.
- An Australian bachelor degree (or equivalent) in a cognate discipline relating to IT, or an engineering or science degree with a substantial IT component including python programming, algorithms, databases, computer architecture, operating systems and networks, and mathematics (including calculus, linear algebra and probability and statistics) with at least a credit (60%) average.
- An Australian bachelor degree (or equivalent) in a cognate discipline relating to information systems or with an information systems major, with completed studies in: foundational programming, databases, systems analysis and design and an understanding of the major enterprise IT applications including transactional, managerial and analytical applications, with at least a credit (60%) average for single degrees or high credit (60%) average for double degrees.

ENGLISH LANGUAGE ENTRY REQUIREMENTS

English language entry requirements can be met in one of the following ways:

1. LANGUAGE OF INSTRUCTION

You can meet the English entry requirements if you've completed studies at an institution where English is the language of instruction, communication and assessment for all aspects of study for the whole of the educational institution.

Alternatively you can satisfactorily complete half a year of full time study (equivalent to 24 Monash-credit points) at Australian VET Diploma (AQF level 5) or higher (or equivalent) within three years prior to the Monash course commencement date (other time limitation periods may apply).

You may be required to submit documentary evidence in the form of an official letter from the institution at which the study was completed. This document must be written and signed by the institution's registrar (or other authorised person) of the education institution to the satisfaction of the Monash University Academic Board.

2. ENGLISH TEST

If you have not met English entry requirements as outlined above, Monash accepts the following English tests as satisfying English entry requirements for courses with minimum English language requirements, provided it has been completed within three years of the Monash course commencing date:

Test	Results required
IELTS (Academic)	- An overall score of 6.5 OR higher - No individual band scores less than 6.0.
TOEFL paper-based	- A minimum test score of 550 - A Test of Written English (TWE) score of 4.5 OR higher.
TOEFL Internet-based	- A minimum test score of 79 - An overall score of 21 or higher in the written section - Scores of no less than 12 in listening, 13 in reading and 18 in speaking.
P TOEFL Internet-based	- An overall score of 58 - No communicative skills score below 50.
The Cambridge English	- Proficiency (CPE): An overall score of 176 with no skill score below 169, OR - Advanced (CAE): An overall score of 176 with no skill score below 169.

Other English tests may also be accepted and are assessed when you apply to Monash. If you have completed several measures of English proficiency over a period of time, the highest valid measure will be accepted as long as it has been taken within the time limitations as specified above. Monash University reserves the right to ask students to undertake a Monash-approved English test to meet English course requirements. For more information regarding English entry requirements, refer to the Admission to Coursework Courses and Units Procedures available at

 publicpolicydms.monash.edu/Monash/documents/1935750.

Please note that all entry requirements for Monash University are subject to change.

3. MONASH UNIVERSITY ENGLISH LANGUAGE CENTRE

If your English test does not meet the Monash courses, English requirements for direct entry, you may want to consider completing an English program offered at Monash University English Language Centre.

For more information visit:

 monashcollege.edu.au/courses/english

HOW TO APPLY

DOMESTIC STUDENTS

You're considered a domestic student if you're an Australian or New Zealand citizen, or Australian permanent resident (including a holder of an Australian permanent humanitarian visa). Apply through the Victorian Tertiary Admissions Centre (VTAC) for undergraduate courses, and directly to Monash for postgraduate courses.

INTERNATIONAL STUDENTS

Before you apply, please make sure you meet all the Monash minimum entry requirements – including academic, English language and selection criteria. Your application must include original or certified academic documentation, including academic transcripts, graduation certificates and grading scales (indicating the pass mark and graduation requirements if applicable).

International students can apply online or through a Monash agent. However, you must apply through the Victorian Tertiary Admissions Centre (VTAC) if you're currently completing:

- an Australian Year 12 qualification (for example, VCE or equivalent) in Australia or overseas
- the International Baccalaureate (IB) Diploma in Australia or New Zealand
- the National Certificate of Educational Achievement (NCEA) Level 3 in New Zealand.

FEES AND LOANS

Fees can be found on the dedicated webpages for each course on the Monash website. To learn more about loans available to you, please visit:

🔗 bit.ly/49kXP00



APPLY NOW

Learn more about how to apply for an IT course at Monash.

🔗 go.monash.edu/applications

ALTERNATIVE PATHWAYS

Direct entry is just one way into an undergraduate IT degree at Monash. Our alternative channels offer you many more opportunities to begin your journey with us.

TRANSFER FROM ANOTHER MONASH COURSE

Already studying a Monash degree? You can apply to transfer to an IT course if you meet the criteria.

TRANSFER FROM OTHER UNIVERSITIES

If you're at another university, you can apply to move to Monash as long as you meet your chosen course's prerequisites. Credit may be granted.

MONASH PATHWAY PROGRAMS

Monash offers two pathways programs for students who want to study an undergraduate IT degree but narrowly miss the academic requirements for direct entry: Foundation Year and Diploma. Complete the first year of your course at Monash and you could transfer to the Faculty for the rest depending on your performance.

TECHNICAL AND FURTHER EDUCATION (TAFE)

A TAFE certificate IV or diploma can help you get into an IT degree at Monash. If your previous study in a diploma qualification is assessed as being equivalent to our units, credit may be granted.

DIPLOMA OF HIGHER EDUCATION STUDIES (MONASH MALAYSIA)

Completing a Diploma of Higher Education IT stream qualifies you to enter the second year of the Bachelor of Computer Science at our Malaysia campus.

DOUBLE DEGREE STUDENTS

If you have your sights set on a double degree but miss the academic requirements, you can start one of the degrees first and apply to pick up the other later.

SINGLE UNITS OF HIGHER EDUCATION STUDY

If you successfully finish two approved higher education IT units, you're eligible to apply for entry into one of our IT courses.



LET'S CHAT

Need more tailored advice? Email us at fit-studentrecruitment@monash.edu or book an appointment with one of our friendly course advisers.

🔗 calendly.com/monash-it

CTRL + S

Learned a helpful tip?
Got a critical course
insight? 'CTRL + S' in
this notes section!

[illegible]

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MONASH UNIVERSITY

monash.edu

FIND A COURSE

monash.edu/study

FUTURE STUDENT ENQUIRIES

Australian citizens, permanent residents and New Zealand citizens

monash.edu/study/contact-us

International students

T Australia freecall: 1800 MONASH (666 274)

T +61 3 9903 4788 (outside Australia)

E study@monash.edu

OPEN DAY 2026**Peninsula**

Saturday 1 August, 10am – 2pm

Caulfield

Saturday 1 August, 10am – 2pm

Clayton

Sunday 2 August, 10am – 4pm

Parkville

Sunday 16 August, 10am – 2pm

