



MONASH
University

MONASH
INFORMATION
TECHNOLOGY

IT COURSES AT MONASH

DEGREES THAT TURN YOUR
PASSIONS INTO PROFESSIONS

DESIGNED FOR THE FUTURE OF WORK

A photograph of two young adults, a woman and a man, in a classroom or lecture hall. The woman, on the left, has long dark hair and is wearing a light blue t-shirt. She is holding a tablet computer. The man, on the right, has dark hair and wears glasses and a dark blue button-down shirt. He is pointing his right hand towards a large screen on the right side of the frame. The background is dark, and the scene is lit with a cool blue light.

#31

GLOBALLY

QS World University Rankings 2027

Our IT courses give you the skills, confidence and real-world experience to create impactful solutions and a meaningful career.



GUARANTEED EXPERIENCE

Our IT degrees have real-world projects, work-integrated learning credit and placement opportunities built-in.

This way you graduate with a portfolio that proves your capabilities.

DISCOVER MORE



Explore learning
and life at Monash.



ARTIFICIAL INTELLIGENCE

The first Bachelor of AI out of Australia's Group of Eight universities.

3-YEAR DEGREE FULL-TIME

Create reliable systems with AI or advance the state of AI itself, with ethical, responsible and secure implementation.

Specialisations:



Applied AI
(non-technical)



AI Algorithms and models
(technical)

DOUBLE DEGREES

- Health Sciences
- Biomedical Science
- Science
- Commerce
- Arts
- Design
- Media Communication

4-YEAR DEGREE FULL-TIME ADVANCED (HONOURS)

Specialise in AI Algorithms and Models to drive the evolution of AI technologies – then undertake research on an AI topic of choice.

This honours degree is a great stepping stone to a PhD!



#48

GLOBALLY FOR DATA SCIENCE & AI

QS World University Rankings by Subject 2026



EXAMPLE TOPICS



Programming



Computer
systems



Agentic and
distributed AI



AI futures

IN-DEMAND CAREERS



AI Consultant



AI Solutions
Architect



AI Governance
and Risk Officer



CYBERSECURITY

Protect digital systems, respond to cyberthreats and secure the important data of businesses and people.

3-YEAR DEGREE FULL-TIME

Be equipped to secure our digital world through hands-on projects, industry engagement and studies in digital forensics, cloud security, AI security and more.

EXAMPLE TOPICS



Cybersecurity tools and techniques



Security automation and AI



System architecture and integration



Adversary simulation and emulation



14.2%+

PREDICTED GROWTH OF CYBERSECURITY SPECIALIST ROLES IN AUSTRALIA TO 2029

Jobs and Skills Australia, Australian Government 2025

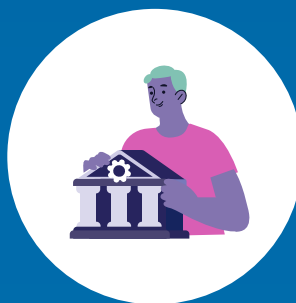
IN-DEMAND CAREERS



Cloud Security Engineer



Ethical Hacker /
Penetration Tester



Security Management
Specialist



CYBERAI (INDUSTRY CO-LAB)

**Study under an Immersive Industry Partnership Model,
gaining sustained real-world experience and exposure.**

3-YEAR DEGREE FULL-TIME

Gain foundational knowledge in programming, AI, cybersecurity and systems before learning in a strategic partner organisation throughout years two and three, working on real-world projects in authentic settings.

EXAMPLE TOPICS



AI application and
development



Programming
foundations



Cybersecurity tools
and techniques



Computer networks



IN-DEMAND CAREERS



AI Cyber Threat Analyst



AI Assurance Specialist



Secure AI Engineer



COMPUTER SCIENCE

Master the science behind technology to drive change, discovery and innovation.

3-YEAR DEGREE FULL-TIME

Innovate with the fundamentals to conceive, design and build new technologies and drive the next generation of digital solutions.

Specialisations



Algorithms and Software



Data Science



Artificial Intelligence



Cybersecurity

4-YEAR DEGREE FULL-TIME ADVANCED (HONOURS)

Deep dive into Algorithms and Software before expanding the world's knowledge in a computer science topic through honours research.

DISCOVER MORE



Learn about studying Computer Science at Monash.

1-YEAR FULL-TIME HONOURS

If the three-year Computer Science degree sparks a desire to dig into a particular topic, research it by adding this extra honours year.



#2

IN AUSTRALIA FOR COMPUTER SCIENCE

Times Higher Education World University Rankings by Subject 2026

IN-DEMAND CAREERS



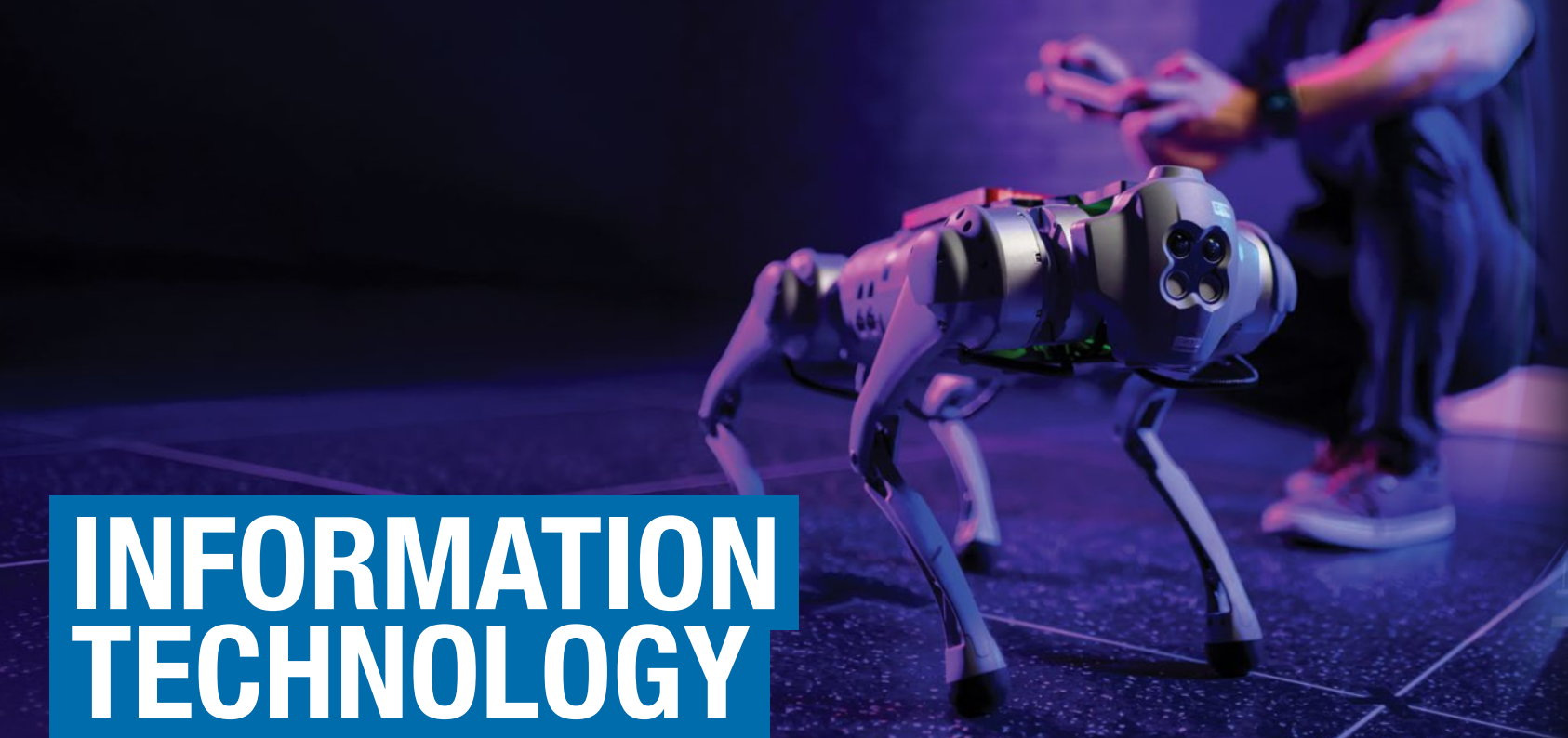
IoT Engineer



Blockchain Developer



Computer Vision
Engineer



INFORMATION TECHNOLOGY

Enjoy greater flexibility through a wider selection of majors, minors, double degrees and electives.

3-YEAR DEGREE FULL-TIME

Develop and apply different technologies to create solutions for challenges across business and society.

Majors:



Business
AI Systems



Games and
Immersive Media



Software
Development



Agentic Software
Engineering



Applied AI



AI Algorithms
and Models



Computer
Science



Data Science



Cybersecurity

DOUBLE DEGREES

- Architectural Studies
- Arts
- Business
- Commerce
- Criminology
- Design
- Digital Business
- Engineering (Honours)
- Fine Art
- Global Studies
- Laws (Honours)
- Science

1-YEAR FULL-TIME HONOURS

If the three-year IT degree sparks a desire to dig into a particular topic, research it by adding this extra honours year.



DISCOVER MORE



Learn about studying IT at Monash.

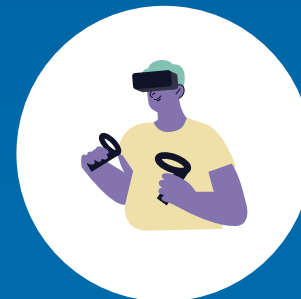
IN-DEMAND CAREERS



Solutions Architect



ICT Manager



AR And VR Developer

FREEDOM TO EXPLORE

With its wide range of majors and minors, this course is perfect if you want to try different areas of IT before specialising.





AGENTIC SOFTWARE ENGINEERING

Establish your career at the exciting, rapidly-emerging intersection between software engineering and AI.

3-YEAR DEGREE FULL-TIME

Design, develop and evaluate software systems incorporating AI, agentic workflows and human-AI collaboration.

4-YEAR DEGREE FULL-TIME HONOURS

Gain all the learnings in the 3-year degree then complete an honours project that equips you to critically evaluate evidence, apply empirical methods, conduct research and write a thesis.

DID YOU KNOW?

Agentic software engineering is seen as the next evolution of software engineering – where AI is an active collaborator in the process.



EXAMPLE TOPICS



Software development



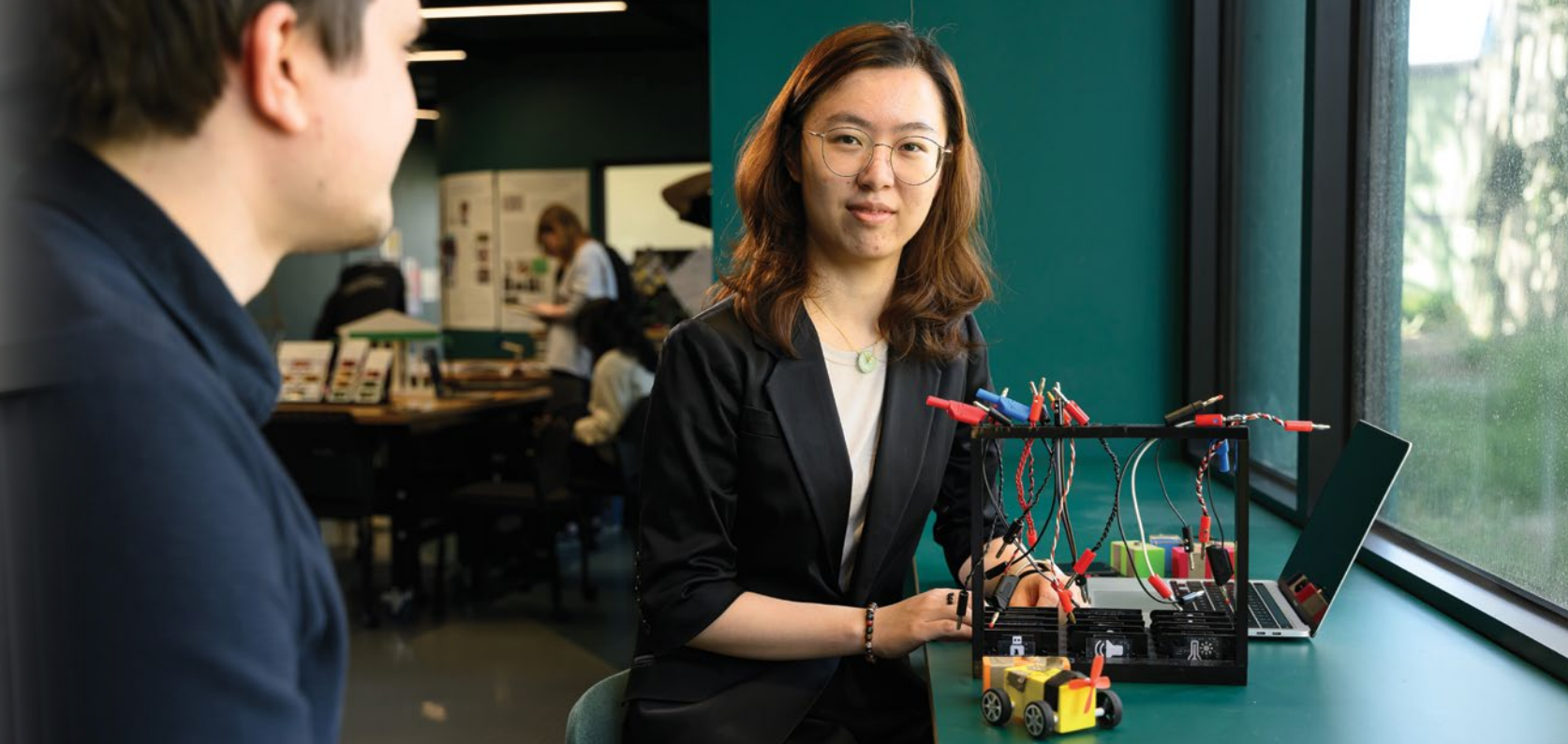
Engineering agentic systems



Cloud computing



Software in the AI era



IN-DEMAND CAREERS



Autonomous Systems
Designer



Human-AI Systems
Architect



Agent Systems
Engineer

CHAT WITH US

Our friendly course advisors are here to help – book a chat with them today!



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www.monash.edu/it

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Monash University Clayton Campus,
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