

# Bachelor of Information Technology (Honours)

Undergraduate



## Course overview

Gain a competitive edge with in-depth knowledge of your chosen discipline through a supervised research project in Deakin's Bachelor of Information Technology (Honours). This course connects you with teachers working in the field, supporting you to explore deeper approaches to future technologies, and opening doors to further research.

Graduates from Deakin's honours program are in high demand for their investigative, exploratory and lateral thinking approach to IT. Now you can build on your skills with a focused research project in your chosen specialisation.

You'll work together with supervisors to investigate your area of interest through research-based exploration. Your project will reinforce the skills you already have and your passion for new knowledge while you work towards contributing new ideas to IT-related industry sectors.

As well as deeper and more specialised IT skills, you'll learn to be an ethical, informed researcher. The coursework component of your honours program provides essential theory for robust research, while your chosen project extends the practical skills you need to become a curious, adaptable problem-solver in your career.

## Projects and supervision

Your project can focus on one of Deakin's many IT discipline areas, including:

**Application development** – plan, design and develop profitable web, desktop, mobile and business apps.

**Cloud computing** – develop expertise to construct solutions using virtualisation, enterprise networks, system security and cloud infrastructure.

**Creative technologies** – integrate innovative computing concepts with the needs of a 21st-century lifestyle.

**Cyber security** – identify, diagnose and resolve the challenges of safeguarding data and systems.




**Game development** – use the latest games engines to create interactive tools for entertainment and education.

**Robotics and artificial intelligence** – take part in world leading research on how to enable intelligent swarms of robots to conduct high impact tasks.

**Virtual and augmented reality** – revolutionise the way companies work to overcome physical and geographical barriers.

## Course structure

### Bachelor of Information Technology (Honours)

**Location:** Melbourne Burwood Campus , Geelong Waurin Ponds Campus  and Cloud Campus 

**Duration:** 1 year full-time study (or part-time equivalent)

**Intake:** March (Trimester 1), July (Trimester 2)

**Deakin code:** S470

To complete the Bachelor of Information Technology (Honours), students must attain 8 credit points. The 8 credit points will include the following:

- 4 core units (totalling 6 credit points)
- 2 elective units (totalling 2 credit points)

You will also be required to complete one 0 credit point unit relating to academic integrity.

Please visit [deakin.edu.au/handbook](https://deakin.edu.au/handbook) for more information about this course, including further details of the course structure and units involved.

## Interested in applying?

### Entry requirements

This course uses your entire academic record as part of its selection considerations.

- a Bachelor degree or major in a **related** discipline with a WAM (Weighted Average Mark) of at least 65% in all level 3 and level 4 units (for Deakin awards) or final year units (for awards from other providers) OR
- other evidence of academic capability judged to be equivalent

### How to apply

As part of your application for this course, you will be required to first contact potential supervisors and discuss projects. Find out more via [deakin.edu.au/it-honours](https://deakin.edu.au/it-honours).

Once you have met with a supervisor and agreed on a project, you will need to complete an application form and submit this via the Deakin applicant portal [deakin.edu.au/apply](https://deakin.edu.au/apply).

For more information about entry requirements, submitting an application or the application process, please visit [deakin.edu.au/courses/how-to-apply](https://deakin.edu.au/courses/how-to-apply).

[deakin.edu.au/course/S470](https://deakin.edu.au/course/S470)

While the information provided here was correct at the time of publication, Deakin University reserves the right to alter, amend or delete details of the course and unit offerings. Printed September 2020.  
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