

Master of Information Technology

Postgraduate



Course overview



Deakin's Master of Information Technology provides a combination of leading-edge theory and technical knowledge with hands-on practical experience to prepare you for a successful career as an IT professional in Australia and around the world.

Delivered in a supportive learning environment, this course will transform you into a competent IT professional with the capacity to develop and implement IT solutions to complex industry-related problems.

As a graduate, you will possess a solid understanding of the issues, concepts and practices in IT and a broad knowledge of the technological aspects of IT. You will also develop a raft of transferrable skills that will enable you to be an effective and efficient IT professional.

Course structure

Master of Information Technology

Location: Melbourne Burwood Campus  and Cloud Campus 

Duration: the duration of this course is dependent on your experience and qualifications, please see entry requirements section for specific duration information.

Intake: March (Trimester 1), July (Trimester 2) and November (Trimester 3)

Deakin code: S776

To complete the Master of Information Technology, you will complete 8, 12 or 16 credit points (cp), depending on your prior experience.

The course is structured in four tiers:

- Part A. Foundation Information Technology Studies (4 cp)
- Part B. Fundamental Information Technology Studies (4 cp)
- Part C. Mastery Information Technology Studies (4 cp)
- Part D. Specialist Information Technology Studies (4 cp)

You will also complete one zero credit point unit relating to academic integrity.

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

deakin.edu.au/course/S776

Why study IT at Deakin?

Deakin University is ranked in the top 1% of universities worldwide according to Shanghai Rankings World University Rankings 2019. This rating indicates world-class facilities, research and teaching, as well as employability, innovation and inclusiveness.

Professional industry experience

Industry placements provide you with an opportunity to develop the practical and job-ready skills employers are looking for and enable you to build professional networks before graduating. When you are enrolled in the Master of Information Technology you can choose to undertake an industry placement or internship as part of your degree.

Career opportunities

A career in IT has endless possibilities. In today's IT job market, multi-skilling, multi-tasking and cross-skilling are highly valued. Our graduates are well-rounded IT professionals with the ability to meet the future needs of this ever-evolving, fast-paced industry.

As a Master of Information Technology graduate, you may find employment as a business analyst, ICT manager, database specialist, security analyst, solutions architect, software developer, technology consultant, security manager, VR/AR developer or UX designer.

In addition to the ICT industry, our graduates find employment across a wide range of industry sectors such as banking and finance, energy, health, retail, education, defence, sport, transport and government.

Master of Information Technology (Professional)

Deakin also offers a Master of Information Technology (Professional), designed to build on the specialised information technology skills obtained in the Master of Information Technology and comprises an additional trimester of industry-based learning or a research project under the supervision of our internationally-recognised research staff.

Visit deakin.edu.au/course/S779 for further details.

Specialisations

Cyber security

Develop skills in securing data, communications and infrastructure as well as investigating, analysing and providing solutions to computer crime. Enhance your skills in problem solving, communication and technical capabilities related to digital security and the legal, regulatory and ethical contexts in which these skills are used.

Data science

The data science specialisation has been designed to provide students the opportunity to develop technical skills in key areas of data science and data analytics.

Emerging technologies for supply chain

Supply chains create the cost efficiencies necessary for company success and their efficient management is crucial to product safety, food security and economic sustainability. This specialisation is designed to provide students the opportunity to undertake study and develop technical skills in key areas relevant to new technologies used in the management of supply chain logistics, these include simulation and modelling, real-world analytics, optimisation, machine learning and blockchain technologies.

Networking and cloud technologies

Learn to take advantage of modern networking and cloud technologies in the development, deployment, and scaling of enterprise solutions.

Software and services development

Enhance your theoretical and practical skills in current trends in the analysis, design and implementation of complex and large-scale software systems. Designed with input from industry leaders, there is a strong focus on the development of high quality software using methodologies, tools, techniques and management principles relevant to industry. There is emphasis on the development of web-based and distributed applications and the use and development of open source software.

Virtual reality

The Virtual Reality (VR) specialisation provides you with an understanding of the skills required to replicate life-like physical environments or portray a fictional artificial world. You will gain expertise in designing collaborative virtual and augmented reality that can facilitate realistic and immersive experiences for users.

Course accreditation

The Master of Information Technology is accredited by the Australian Computer Society (ACS), providing international recognition and allowing graduates to be eligible for professional membership of the ACS.

Interested in applying?

Entry requirements

You may be eligible to undertake the Master of Information Technology over a shorter duration depending on your academic and professional background.

Depending on your prior experience, your course will be:

2 years full-time (4 years part-time)

Your admission for the 16 credit Master of Information Technology will be based on performance in:

- Bachelor degree or higher in any discipline; **OR**
- Other evidence of academic capability judged to be equivalent.

1.5 years full-time (3 years part-time)

Your admission for the 12 credit Master of Information Technology will be based on performance in:

- Bachelor degree or higher in a related discipline; **OR**
- Bachelor degree or higher in any discipline plus two years relevant work experience; **OR**
- Other evidence of academic capability judged to be equivalent.

1 year full-time (2 years part-time)

Your admission for the 8 credit Master of Information Technology will be based on performance in:

- Graduate Diploma of Information Technology; **OR**
- Bachelor Honours degree or higher in a related discipline; **OR**
- Bachelor degree in a related discipline, plus two years relevant work experience; **OR**
- Evidence of academic capability judged to be equivalent.

How to apply

Applications can be made online via 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.



1800 MYFUTURE (1800 693 888)
myfuture@deakin.edu.au

deakin.edu.au/course/S776

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.

APPLY NOW