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RMIT University Degree Guide

Bachelor of Information Technology

You belong at university

With this guide, you can make it happen.

You've always known study can open doors, but you weren't quite sure how to take the first step. Now you've done exactly that, taking a momentous leap towards unlocking your true potential. With this guide in hand, you hold the key to your ultimate future — with Open Universities Australia by your side.

Our goal? To help you realise yours. Our student advisors can:

Help you decide whether this course is 'the one'.

With knowledge across leading Australian universities and thousands of courses, our student advisors can help you compare the cost, content and outcome of this course with others.

Assist with navigating study load and enrolment.

By listening to you discuss your current lifestyle, we'll help you consider the right amount of study to begin with. When you're ready to enrol, we'll also assist with compiling and uploading documents.

Work through your funding options.

We're here to help you understand course fees, student loans and study allowances so that you can get financial assistance if you're eligible.

Get started now.

Book a consultation to get tailored advice when it suits you, at no cost.

open.edu.au/contact-us/book-consultation

About Open Universities Australia

We're a not-for-profit that's been dedicated to helping students access education for over 30 years — no matter your location or study experience.

Our knowledge spans thousands of courses with leading Australian universities — this course guide represents just one of them.

Together, we've got this.

RMIT University Degree Guide

Bachelor of Information Technology

Snapshot

Course code

RMI-CPT-DEG-2019

Level

Undergraduate

Qualification

Bachelor Degree

Subjects

24

Provider

RMIT University

Why choose this degree

Description

Want to support and troubleshoot IT systems or design websites, business applications and program networks?

IT specialists select the right hardware and software products for an organisation. They also install, customise and provide ongoing maintenance for these applications.

Combining your knowledge of IT theory and practice with hands-on expertise, you will be able to develop an organisation's technology infrastructure and support the people who use it.

Overview

Learn how to develop, install and customise an organisation's technology infrastructure, Gain the skills to provide ongoing maintenance and support of network administration, IT systems, business applications and websites.

What you'll learn

While undertaking this degree you will develop your knowledge and skills essential for the information technology industry so you will be employable as a competent software developer, web developer or other aligned IT professional.

You will gain an excellent combination of knowledge and practical, hands-on expertise to influence an organisation's technology infrastructure and the clients who use IT.

Upon completion of this degree you will be able to:

- Enable knowledge - gain skills as you apply knowledge effectively in diverse contexts.

- Apply critical analysis - accurately and objectively examine and consider computer science and information technology (IT) topics, evidence, or situations, in particular to: Analyse and model requirements and constraints for the purpose of designing and implementing software artefacts and IT systems Evaluate and compare designs of software artefacts and IT systems on the basis of organisational and user requirements.

- Solve ICT problems - analyse problems and synthesise suitable solutions as you design and implement software solutions that accommodate specified requirements and constraints, based on analysis or modelling or requirements specification.

- Communicate effectively with a variety of audiences through a range of modes and media, in particular to: Present a clear, coherent and independent exposition of software applications, alternative IT solutions, and decision recommendations to both IT and non-IT personnel via technical reports of professional standard and technical presentations.

- Work as an effective and productive team member in a range of professional and social situations, in particular to: Work effectively in different roles, to form, manage, and successfully produce outcomes from teams, whose members may have diverse cultural backgrounds and life circumstances, and differing levels of technical expertise.

- Accept responsibility for your own learning, including independent life-long learning, in order to keep your knowledge and skills up-to-date within your chosen field in a constantly changing IT industry.

- Make informed decisions about judging and adopting appropriate behaviour in professional and social situations. Specifically, you be able to: Effectively apply relevant standards, ethical considerations, and an understanding of legal and privacy issues to designing software applications and IT systems.

Career opportunities

IT graduates install networks; handle network administration and security; design web pages; develop multimedia resources; install communication equipment; manage email systems; and plan and manage a company’s technology upgrades.

Graduates select and deploy software products for commercial organisations, software development companies, government departments and large computer organisations. They create and manage business applications, websites, systems and environments.

Graduates typically work for commercial organisations, software development companies or diverse industries including retail, health or tourism.

Graduates also find employment in government departments and large computer organisations.

Degree structure details

Recommended study pattern

To get the most out of this degree, students are recommended to follow these steps:

- Start with foundation subjects
- Complete Level 1 core subjects and electives
- Choose a minor sequence from the examples below, or send your preferred sequence to the School for approval
- Complete Level 2 and 3 core subjects, IT electives, and your chosen minor.

Award requirements

To obtain the Bachelor of Information Technology you must complete 24 subjects, and meet these requirements:

- Complete 2 Foundation subjects
- Complete 12 Core subjects
- Complete 4 IT Elective subjects
- Complete 4 Minor Stream subjects
- Complete 2 Free Elective subjects

At least 8 of the subjects above must be studied through RMIT.

Subjects in this degree

Foundation Subjects

Total number of subjects to complete: 2 units

Code	Title	Class start	Required
CPT110	Introduction to Information Technology		Yes
CPT120	Introduction to Programming		Yes

Core Subjects - Level 1

Total number of subjects to complete: 5 units

Code	Title	Class start	Required
CPT112	User-Centred Design		Yes
CPT121	Programming 1		Yes
CPT140	Database Concepts		Yes
CPT160	Introduction to Computer Systems		Yes
CPT111	Building IT Systems		Yes

Core Subjects - Level 2

Total number of subjects to complete: 4 units

Code	Title	Class start	Required

CPT250	Data Communication and Net-Centric Computing	Yes
CPT251	Security in Computing and IT	Yes
CPT270	Web Programming	Yes
CPT230	Software Engineering Fundamentals	Yes

Core Subjects - Level 3

Total number of subjects to complete: 3 units

Code	Title	Class start	Required
CPT330	Software Engineering Project Management		Yes
CPT331	Programming Project		Yes
CPT310	Professional Computing Practice		Yes

Information Technology Electives

Total number of subjects to complete: 4 units

Code	Title	Class start	Required
CPT220	Programming in C		No
CPT222	Software Architecture: Design and Implementation		No
CPT224	iPhone Software Engineering		No

CPT264	UNIX Systems Administration	No
CPT323	Object-Oriented Programming in C++	No
CPT373	Web Development Technologies	No
CPT223	RMI-CPT223 - Scripting Language Programming (Coming in 2020)	No
CPT375	RMI-CPT375 - Web Database Applications (Coming in 2020)	No

Minor in Accounting

Total number of subjects to complete: 4 units

Code	Title	Class start	Required
ACG11	Accounting for Business		Yes
ACG12	Financial Accounting 1		Yes
ACG24	Management Accounting		Yes
ACG27	Financial Accounting 2		Yes

Minor in Economics

Total number of subjects to complete: 4 units

Code	Title	Class start	Required
ECO11	Principles of Economics		Yes

ECO12	Macroeconomics 1	Yes
ECO20003	Managerial Economics and Strategy	Yes
ECO20001	Environmental Economics	Yes

Minor in Internet Communications

Total number of subjects to complete: 4 units

Code	Title	Class start	Required
NET102	Digital Culture and Everyday Life		No
WEB101	Web Communications		No
NET204	Social Media, Communities and Networks		No
NET205	The Digital Economy		No
NET303	Power, Politics and the Internet		No
NET308	Internet Collaboration and Innovation		No

Minor in Internet Design

Total number of subjects to complete: 4 units

Code	Title	Class start	Required
DIG22	Internet Design Introduction		Yes

DIG24	Programming for Digital Design	Yes
DIG31	Web Authoring Design	Yes
DIG33	Internet Project Development	Yes

Minor in Management

Total number of subjects to complete: 4 units

Code	Title	Class start	Required
IBA111	Management Concepts (Introduction to Management)		No
IBA205	Comparative Management		No
IBA218	Business Processes		No
EHR202	Human Resource Management Principles		No
IBA305	Quality Management		No
IBA311	Management Problem Solving		No
IBA312	Management Strategy and Decision Making		No

Please note: IBA105 and IBA302 have been withdrawn. If previously completed, it will still count towards this minor.

Minor in Marketing

Total number of subjects to complete: 4 units

Co...	Title	Class...	Requir...
MKT10007	Fundamentals of Marketing		Yes
MKT20025	Consumer Behaviour		Yes
STA20005	Survey Research Methods		Yes
MKT20024	Product and Service Innovation Management		Yes

Entry requirements

Higher education

Successful completion of one full time semester (four subjects) towards an undergraduate degree or higher level of study at an Australian university, and evidence of meeting maths entry requirement equivalent to VCE prerequisite Subjects 3 and 4: a study score of 20 in Mathematics (any)

Higher education via OUA

Successful completion of 2 Core subjects from the Bachelor of Information Technology at pass level (CPT110 and CPT120 recommended).

Secondary education

Successful completion of Australian Year 12, or equivalent, with an ATAR of 68.2. VCE prerequisites: Units 3 and 4: a minimum of 20 in Mathematics (any), and a minimum study score of 25 in English (or equivalent) or 30 in English (EAL)

VET studies

Successful completion of Australian Advanced Diploma, Diploma, or equivalent, and evidence of meeting maths entry requirement equivalent to VCE prerequisite Units 3 and 4: a study score of 20 in Mathematics (any).

Recognition of previous work or study

Students may be able to receive credit for previous studies completed at other institutions (academic credit transfer) or for work/life experience (RPL).

Information for CSP students:

CSP students may apply for credit transfer and/or RPL after accepting their offer for admission to this degree.

Information for non-CSP students:

Non-CSP students must be registered in the RMIT degree prior to submitting any application for credit transfer or RPL - see the How to Apply section above for information on registering in the RMIT degree.

Information for all applicants:

It is recommended that students do this as soon as possible after being admitted into / registered in the degree, so that an accurate study plan can be mapped out after processing of any credit / RPL that may be awarded.

Documentation will be required to support your application, such as:

- Credit Transfer: a certified copy of an **Academic Transcript** with final grades for Higher Education studies a certified copy of a **Statement of Attainment** for any completed TAFE studies **course outlines** showing content, learning outcomes and assessment requirements an explanation of the **grading structure** used.

- RPL An **up-to-date CV** outlining your experience working in the field of IT. **Position description(s)** for roles you have been engaged within in the field of IT, preferably recent roles (eg. within previous 5 years) **Letter(s) of reference** from a line manager at recent place(s) of employment, outlining role, responsibilites and IT knowledge / skills, processes and tools required in the performing of that role. Letter(s) of reference should be on company letterhead and must be signed and dated by the line manager in question.

Before lodging a credit transfer or RPL application, it is recommended that students submit an enquiry regarding their pending application via RMIT Connect , requesting guidance on how to apply and what documentation may be required.

Study method requirements

Special requirements

A broadband internet connection is mandatory to complete this program. Some units in this program have a requirement to download and install several gigabytes of software, support materials and video content.

Students must have a Windows, Macintosh or Linux computer system in order to complete the program. Some specialist IT elective units have specific hardware and software requirements.

Collaborative group work may be required in specific subjects in this degree, including organising and participating in both asynchronous and synchronous (live) communications.

Registering in this course

Commonwealth Supported Place (CSP)

To find out your eligibility for a Commonwealth Supported Place (CSP), please click on the "Add & Continue" button on the top of the page.

If you have taken up a Commonwealth Supported Place (CSP) through RMIT, you are not required to register for this degree. Therefore the below information does not apply to CSP students with RMIT.

Non CSP Students (Fee-HELP or Pay Upfront):

Students who are studying with RMIT and accessing FEE-HELP or paying upfront and are intending to complete the **Bachelor of Information Technology** are advised to register for the degree after successfully completing a minimum of two core RMIT OUA subjects within this degree:

- For commencing students **without** a background or prior studies in the field of IT the foundation units CPT110 and CPT120 are recommended.
- Commencing students who have: **completed prior studies** in an IT-related field (at Diploma level or higher) and thus may be eligible for advanced standing (credit transfer), or, **come from an IT background** (professional or academic) and may be eligible for Recognition of Prior Learning (RPL),

are advised to submit an enquiry via RMIT Connect , requesting guidance on their future credit transfer / RPL application and subsequent subject selection for degree registration purposes.

A fee of $180 is applicable to non-CSP students registering for the degree.

Let's get enrolled. Together.

Your step-by-step guide

Whether you'd like to enrol on your own, or be guided by a student advisor over the phone, we're here to help.

Simply follow the steps that appeal to you. If you need help at any point, we're in your corner — 7 days a week.

How to enrol: Online

1. Select 'Start studying now' on the course page.

2. Tell us about yourself so that we can create your Student Hub account and check your student loan eligibility.

3. Pay your tuition fees with a student loan or credit card.

How to enrol: Over the phone

1. Visit open.edu.au/contact-us/book-consultation

2. Select a date and time you would like to receive a call from an expert student advisor.

3. Prepare for your call. This might involve writing down any questions you have, as well as finding a quiet space to talk.

4. Be guided through the steps by your student advisor over the phone. If you're eligible, you may become a student by the end of the phone call!

Unsure about meeting entry requirements?

If you're unsure whether you meet the entry requirements listed in this course guide, get in touch. We'll ask you a series of questions that will help us understand if you've studied before, or whether your work history may count as credit towards this course.

Open Universities Australia has a unique arrangement with the Australian Government and leading universities across Australia — giving you the chance to start with single subjects that have no entry requirements. They're even covered by FEE-HELP if you're eligible.

Once completed successfully, these subjects can become credit towards your ideal degree. We call this Open Access.

No matter your story, we'll find a way.

Get in touch

Simply choose how you would like to start the conversation.

Call us
Phone: 13 OPEN (13 6736)

Book a consultation with us
Visit open.edu.au/contact-us/book-consultation

Chat with us
Visit open.edu.au/contact-us for Live Chat, Facebook Messenger, WhatsApp, SMS and Apple Business Chat options.

Stay up to date

The information in this degree guide was correct at the time of publication. This information can change, so you should always check our website for the latest updates.

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