

# Bachelor of Information Technology

2019

Undergraduate

You will develop knowledge and skills essential for the information technology industry to become employable as a software developer or IT developer.

The Bachelor of Information Technology degree gives you the knowledge and skills to make a living solving, supporting, troubleshooting and designing – from web sites to business applications to programming networks – in organisations ranging from business and government to schools, healthcare and more.

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

- application programming
- business applications
- cloud computing
- mobile computing
- multimedia design
- social media
- system administration
- web systems

## Career outlook

Work in areas including app development, cloud computing, mobile computing, social media, web systems or multimedia.

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 as well as government departments and large computer organisations.

The types of careers this qualification leads to may include:

- systems analyst
- business analyst
- analyst programmer
- application programmer
- software tester
- database administrator
- systems administrator
- web developer

## Professional recognition

This program is accredited at the professional level by the Australian Computer Society (ACS). Graduates may be eligible for professional membership with ACS.

ACS has reciprocal membership agreements worldwide. ACS Certified Professional status gives you global recognition.

## International opportunities

You can study this program at RMIT Vietnam.

## Industry connections

You will do a project in your last semester that simulates working in industry. You will apply your skills in large-scale software application development.

## Pathways

Graduates of the RMIT Associate Degree in Information Technology who achieve a grade point average (GPA) of at least 2.0 out of 4.0 are guaranteed entry with two years' credit (equivalent to 192 credit points).

Please note that the amount of time required to complete the program may exceed one year due to the availability and sequencing of some major electives and is also dependent on which semester you commence the program.

## Program snapshot

Program code: BP162

### Duration

Full-time: 3 years

### Location

City campus

### Selection mode

ATAR (2018: 70.15)

### How to apply

Semester 1: VTAC  
[vtac.edu.au](http://vtac.edu.au)

Semester 2: Direct to RMIT  
[rmit.edu.au/programs/apply/direct](http://rmit.edu.au/programs/apply/direct)

### Fees

For local fee information:  
[rmit.edu.au/programs/fees](http://rmit.edu.au/programs/fees)

### Contact

Info Corner  
330 Swanston Street  
(cnr La Trobe Street)  
Melbourne VIC 3000  
Tel. +61 3 9925 2260

[rmit.edu.au/programs/bp162](http://rmit.edu.au/programs/bp162)

## Program structure

The following major study options are available:

- application programming
- business applications
- cloud computing
- mobile computing
- multimedia design
- social media
- system administration
- web systems

You may also choose a minor study of four courses in one of the following:

- Accounting
- Basic Economics and Finance
- Business IT
- CISCO
- Entrepreneurship
- International business
- IT electives
- Logistics
- Management
- Marketing

You can choose the remainder of your courses from a wide range of IT and general electives.

IT elective examples:

- Cloud Computing
- Web Database Applications
- iPhone Software Engineering
- Machine Learning
- Mobile Application Development (Android)
- Programming IoT
- Rapid Application Development
- Web Development Technologies

<b>Year 1</b>	Introduction to Programming	User-centred Design	Introduction to IT	Data Communication and Net-centric Programming
	Introduction to Computer Systems and Platform Technologies	Web Programming	Building IT Systems	Programming 1
<b>Year 2</b>	Software Engineering Fundamentals	Security in Computing and IT	Major study stream	Minor study stream
	Professional Computer Practice	Database Concepts	Major study stream	Minor study stream
<b>Year 3</b>	Software Engineering Project Management	Major study stream	University elective	Minor study stream
	Programming Project 1	Major study stream	University elective	Minor study stream

Compulsory courses
  Program electives
  University electives

*Please note: This is an example of the program structure. Courses may change and may not be available each semester.*