

Bachelor of Technology (Computing Studies)

2019

Undergraduate

Build a solid foundation in programming and information technology (IT), while studying non-IT topics that match your interests to create your own degree.

This course is designed to give students a foundation in programming and information technology fundamentals, while also offering the chance to engage with topics outside the realm of information technology.

Core courses include Intro to Programming, User-centred Design, Software Engineering Fundamentals and Intro to Information Technology.

You must do a minimum of 65 per cent computer science and IT courses with the rest drawn from courses in related discipline areas including:

- accounting and law
- applied communication
- economics, finance and marketing
- entrepreneurship
- information technology
- logistics
- management
- statistics
- CISCO networking

This is a degree of choice for those who want a professional IT degree that does not rely on software and IT development.

Industry connections

In the last semester you will undertake a project that simulates working in the industry. It will require your large-scale software application development skills.

Career outlook

Employment opportunities are as flexible and broad as the program itself. By studying a wide range of topics, both in computing and in other fields, graduates can pursue pure IT roles and roles in other areas that require IT experience such as marketing, advertising, accounting and health administration.

Graduates can find work as IT professionals in a range of tech-related areas, such as:

- business analysis
- helpdesk and desktop support
- network/systems administration
- technical writing and desktop publishing
- testing
- quality assurance
- web development

Professional recognition

This program is accredited at the professional level by the Australian Computer Society (ACS).

ACS has reciprocal membership agreements worldwide. ACS Certified Professional status gives you global recognition. Graduates may be eligible for professional membership with ACS.

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: BP232

Duration

Full-time: 3 years

Location

City campus

This program can also be studied worldwide through Open Universities Australia (OUA).

Selection mode

ATAR (2018: 60.25)

How to apply

Semester 1: VTAC
vtac.edu.au

Semester 2: Direct to RMIT
rmit.edu.au/programs/apply/direct

Fees

For local fee information:
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/bp232

Program structure

The program includes core courses in programming, IT systems, software engineering, web programming and professional computing practice.

In the second and third years you'll study four courses from a minor study area.

The remainder of your courses will be selected from IT electives, advanced IT electives and student electives.

Minor study streams available

- Accounting
- Basic Economics and Finance
- Business IT
- CISCO

- Entrepreneurship
- International business
- IT electives
- Logistics
- Management
- Marketing

IT elective examples

- Programming 1
- Further Web Programming
- Cloud Security
- Cloud Computing
- Database Applications
- iPhone Software Engineering

- Machine Learning
- Mobile Application Development (Android)
- Programming IoT
- Rapid Application Development
- Security Testing
- System Deployment and Operations
- Web Development Technologies

Advanced IT elective examples

- Advanced Programming Techniques
- Cloud Computing
- Security in Computing and Information Technology

Year 1	Intro to Programming	Intro to Information Technology	User-centred Design	Programming 1
	Student Elective 1	Building IT Systems	Student Elective 2	Student Elective 3
Year 2	Web Programming	Information Technology Elective	Information Technology Elective	Minor Elective
	Software Engineering Fundamentals	Information Technology Elective	Student Elective 4	Minor Elective
Year 3	Software Engineering Project Management	Advanced Information Technology Elective	Advanced Information Technology Elective	Minor Elective
	Capstone Project	Professional Computing Practice	Student Elective 5	Minor Elective

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.