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## Bachelor of Software Engineering - Plan BP096P8

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**You're viewing program information for local students.**

**RMIT considers you a local student if you are:**

- a citizen or permanent resident of Australia, or
- a New Zealand citizen, or

- a person seeking asylum who holds either a: Temporary Protection Visa (TPV), or Safe Haven Enterprise Visa (SHEV) or Bridging Visa E or Humanitarian Stay (Temporary) visa or Temporary Humanitarian Concern Visa.

Asylum seekers who reside in Australia and study onshore are required to pay international onshore tuition fees for higher education courses.

If you are unsure or hold a different visa type, please contact [Study@RMIT](mailto:Study@RMIT) for more information.

#### Not a local student?

Switch to international content

**You're viewing program information for international students.**

**RMIT considers you an international student if you are:**

- intending to study on a student visa, or
- not a citizen or permanent resident of Australia, or
- not a New Zealand citizen, or
- not a a person seeking asylum who holds either a: Temporary Protection Visa (TPV), or Safe Haven Enterprise Visa (SHEV) or Bridging Visa E or Humanitarian Stay (Temporary) visa or Temporary Humanitarian Concern Visa.

If you are unsure or hold a different visa type, please contact [Study@RMIT](mailto:Study@RMIT) for more information.

#### Not an international student?

Switch to local content

Student type:

Domestic

International

Entry score:

ATAR 82.00\*

Duration:

Full-time 4 years

Fees:

Commonwealth Supported Places

Next intake:

February, July

Location:

Melbourne City

Entry score:

See admissions

Duration:

Full-time 4 years

Fees:

AU\$43,200 (2026 annual)

Next intake:

February, July

Location:

Melbourne City

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CRICOS code: 061069G

To graduate you must complete the following: All courses listed may not be available each semester

Year One of Program

Complete the following Eight (8) courses:

Course Title	Credit Points	Course Code	Campus
<a href="#">Discrete Structures in Computing</a>	12	COSC2627	City Campus
<a href="#">Introduction to Computer Systems</a>	12	COSC2473	City Campus
<a href="#">Programming Techniques</a>	12	COSC1284	City Campus
<a href="#">User-centred Design</a>	12	COSC2628	City Campus
<a href="#">Security in Computing and Information Technology</a>	12	COSC2536	City Campus
<a href="#">Further Programming</a>	12	COSC2391	City Campus
<a href="#">Database Concepts</a>	12	ISYS1057	City Campus
<a href="#">Introduction to Analytics</a>	12	MATH2350	City Campus

AND

Year Two of Program

Complete the following Seven (7) courses:

Course Title	Credit Points	Course Code	Campus
<a href="#">Computing Theory</a>	12	COSC1107	City Campus
<a href="#">Software Engineering Fundamentals</a>	12	ISYS1118	City Campus
<a href="#">Advanced Programming Techniques</a>	12	COSC1076	City Campus
<a href="#">Software Engineering: Process and Tools</a>	12	COSC2299	City Campus
<a href="#">Algorithms and Analysis</a>	12	COSC2123	City Campus
<a href="#">Operating Systems Principles</a>	12	COSC1114	City Campus
<a href="#">Professional Computing Practice</a>	12	COSC1147	City Campus

AND Select and Complete One (1) Course from Software Engineering Options. Please refer to the list of Software Engineering Options at the end of this program structure:

AND

Year Three of Program

Complete the following Four (4) courses:

Course Title	Credit Points	Course Code	Campus
<a href="#">Approved Industry Experience 1</a>	36	INTE2376	City Campus
<a href="#">Approved Industry Experience 2</a>	36	INTE2377	City Campus
<a href="#">Software Engineering Principles and Practice 1</a>	12	INTE2374	City Campus
<a href="#">Software Engineering Principles and Practice 2</a>	12	INTE2375	City Campus

AND

Year Four of Program

Complete the following Two (2) courses:

Course Title	Credit Points	Course Code	Campus
<a href="#">Object Oriented Software Design</a>	12	ISYS1084	City Campus
<a href="#">Software Engineering Project</a>	24	COSC2410	City Campus

AND Select and Complete Three (3) Courses from Software Engineering Options. Please refer to the list of Software Engineering Options at the end of this program structure: AND Select and Complete Two (2) Courses from any University Elective

AND

Software Engineering Options:

List of Software Engineering Option Courses:

Course Title	Credit Points	Course Code	Campus
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<a href="#">Advanced Topics in Software Engineering</a>	12	ISYS2405	City Campus
<a href="#">Agent-Oriented Programming and Design</a>	12	COSC1204	City Campus
<a href="#">Artificial Intelligence</a>	12	COSC1127	City Campus
<a href="#">Cloud Computing</a>	12	COSC2626	City Campus
<a href="#">Data Communication and Net-Centric Computing</a>	12	COSC1111	City Campus
<a href="#">Database Applications</a>	12	ISYS1102	City Campus
<a href="#">Database Systems</a>	12	COSC2406	City Campus
<a href="#">Deep Learning</a>	12	COSC2972	City Campus
<a href="#">Peer-to-Peer Networks</a>	12	COSC1235	City Campus
<a href="#">Security Testing</a>	12	INTE2547	City Campus
<a href="#">Electronic Commerce and Enterprise Systems</a>	12	COSC2353	City Campus
<a href="#">Intelligent Decision Making</a>	12	COSC2973	City Campus
<a href="#">Interactive 3D Graphics and Animation</a>	12	COSC1187	City Campus
<a href="#">iPhone Software Engineering</a>	12	COSC2471	City Campus
<a href="#">Information Technology Entrepreneurship</a>	12	INTE2511	City Campus
<a href="#">Machine Learning</a>	12	COSC2673	City Campus
<a href="#">Mobile Application Development</a>	12	COSC2309	City Campus
<a href="#">Practical Data Science</a>	12	COSC2738	City Campus
<a href="#">Network Programming</a>	12	COSC1179	City Campus
<a href="#">Programming Autonomous Robots</a>	12	COSC2814	City Campus
<a href="#">Programming Internet of Things</a>	12	COSC2674	City Campus
<a href="#">Rapid Application Development</a>	12	COSC2675	City Campus
<a href="#">Real-Time Rendering and 3D Games Programming</a>	12	COSC1226	City Campus
<a href="#">Scripting Language Programming</a>	12	COSC1093	City Campus
<a href="#">Secure Electronic Commerce</a>	12	INTE1071	City Campus
<a href="#">Software Requirements Engineering</a>	12	COSC2274	City Campus
<a href="#">Software Testing</a>	12	ISYS1087	City Campus
<a href="#">Systems Architecture</a>	12	ISYS1089	City Campus
<a href="#">Unix Systems Administration and Programming (Linux)</a>	12	COSC1133	City Campus
<a href="#">Usability Engineering</a>	12	COSC1183	City Campus
<a href="#">Web3D and Graphics Technologies</a>	12	INTE1113	City Campus
<a href="#">Web Database Applications</a>	12	ISYS1126	City Campus
<a href="#">Web Development Technologies</a>	12	COSC2276	City Campus
<a href="#">Full Stack Development</a>	12	COSC2758	City Campus

### Acknowledgement of Country

RMIT University acknowledges the people of the Woi wurrung and Boon wurrung language groups of the eastern Kulin Nation on whose unceded lands we conduct the business of the University. RMIT University respectfully acknowledges their Ancestors and Elders, past and present. RMIT also acknowledges the Traditional Custodians and their Ancestors of the lands and waters across Australia where we conduct our business - Artwork 'Sentient' by Hollie Johnson, Gunaikurnai and Monero Ngarigo.

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• CRICOS provider number: 00122A |

• TEQSA provider number: PRV12145 |

• RTO Code: 3046 |

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• RMIT Training Pty Ltd, trading as RMIT University Pathways (RMIT UP), CRICOS Provider Code: 01912G