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## Bachelor of Software Engineering - Plan BP096P21

[Apply Enquire](#)

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 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: 103231F

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

Year One of Program

*Stage A: Complete the following Three (3) Courses:*

| Course Title                                | Credit Points | Course Code | Campus      |
|---|---------------|-------------|-------------|
| <a href="#">Programming Bootcamp 1</a>      | 12            | COSC2801    | City Campus |
| <a href="#">Mathematics for Computing 1</a> | 12            | MATH2411    | City Campus |
| <a href="#">Programming Studio 1</a>        | 24            | COSC2803    | City Campus |

AND *Stage B: Complete the following Three (3) Courses:*

| Course Title                           | Credit Points | Course Code | Campus      |
|--|---------------|-------------|-------------|
| <a href="#">Programming Bootcamp 2</a> | 12            | COSC2802    | City Campus |
| <a href="#">Practical Statistics</a>   | 12            | MATH2412    | City Campus |
| <a href="#">Programming Studio 2</a>   | 24            | COSC2804    | 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 a Twelve (12) Credit Point Course from the 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 Thirty Six (36) Credit Points of Courses from the 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      |
|---|---------------|-------------|-------------|
| <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 |
| <a href="#">IT Studio 1</a>   | 24 | COSC2799 | City Campus |
| <a href="#">IT Studio 2</a>   | 24 | COSC2800 | 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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- ABN 49 781 030 034 |
- CRICOS provider number: 00122A |
- TEQSA provider number: PRV12145 |
- RTO Code: 3046 |
- [Open Universities Australia](#) |
- RMIT Training Pty Ltd, trading as RMIT University Pathways (RMIT UP), CRICOS Provider Code: 01912G