# **2024 & 2025 Master of Information Technology (MIT) Course Comparison**

Use the table below to compare the 2024 MIT course structure and identify units remaining in your course if you intend to transfer to the new 2025 MIT course structure with specialisations.

 **Current 2024 MIT Course Structure:**

* 4 x conversion units
* 8 x core units
* 4 x option units

**New 2025 MIT Artificial Intelligence Specialisation Course Structure:**

* 4 x conversion units
* 4 x core units
* 4 x AI specialisation units
* 4 x option units (including 2 x Level 4 and 2 x Level 5)

**New 2025 MIT Software Systems Specialisation Course Structure:**

* 4 x conversion units
* 4 x core units
* 4 x SS specialisation units
* 4 x option units (including 2 x Level 4 and 2 x Level 5)

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| **Unit Code** | **Unit Name** | **2024 Course Structure** | **Artificial Intelligence**  | **Software Systems** |
| CITS1003 | Introduction to Cybersecurity | Conversion | Conversion | Conversion |
| CITS1401 | Computational Thinking with Python | Conversion | Conversion | Conversion |
| CITS1402 | Relational Database Management Systems | Conversion | Conversion | Conversion |
| CITS2002 | Systems Programming\*\*\* | Conversion  | Conversion | Conversion |
| CITS2005 | Object Oriented Programming\*\*\* | Conversion | Conversion | Conversion |
| PHIL4100 | Ethics and Critical Thinking | Not Available | Core | Core |
| CITS4401 | Software Requirements and Design | Core | Core | Core |
| CITS5505 | Agile Web Development | Core | Core | Core |
| CITS5206 | Information Technology Capstone Project | Core | Core | Core |
| CITS5501 | Software Testing and Quality Assurance | Core | Option | SS Specialisation |
| CITS5506 | The Internet of Things | Core | Option | SS Specialisation |
| CITS5503 | Cloud Computing | Core | Option | SS Specialisation |
| CITS5507 | High Performance Computing | Option | Option | SS Specialisation |
| CITS4407 | Open Source Tools and Scripting | Core | Option | Option |
| GENG5505 | Project Management and Engineering Practice | Core | Not Available  | Not Available |
| CITS4012 | Natural Language Processing | Option | AI Specialisation | Option |
| CITS5508 | Machine Learning | Option | AI Specialisation | Option |
| CITS4404 | Artificial Intelligence and Adaptive Systems | Option | AI Specialisation | Option |
| CITS5017 | Deep Learning | Option | AI Specialisation | Option |
| **Unit Code** | **Unit Name** | **2024 Course Structure** | **Artificial Intelligence**  | **Software Systems** |
| SVLG5001\*\* | McCusker Centre for Citizenship Internship | Not Available | Level 5 Option | Level 5 Option |
| CITS5014\* | Data and Information Technologies Research Project Part 1 | Not Available | Level 5 Option | Level 5 Option |
| CITS5015\* | Data and Information Technologies Research Project Part 2 | Not Available | Level 5 Option | Level 5 Option |
| AUTO4508  | Mobile Robots | Option | Level 4 Option | Level 4 Option |
| CITS4009 | Computational Data Analysis | Option | Level 4 Option | Level 4 Option |
| CITS4402 | Computer Vision | Not Available | Level 4 Option | Level 4 Option |
| CITS4403 | Computational Modelling | Option | Level 4 Option | Level 4 Option |
| CITS5504 | Data Warehousing | Option | Level 5 Option | Level 5 Option |
| ENVT4411 | Geographic Information Systems Applications | Option | Level 4 Option | Level 4 Option |
| GENG5507 | Risk, Reliability and Safety | Option | Not Available | Not Available |
| INMT5518 | Supply Chain Analytics | Option | Level 5 Option | Level 5 Option |
| INMT5526 | Business Intelligence | Option | Level 5 Option | Level 5 Option |
| MGMT5504 | Data Analysis and Decision Making | Option | Level 5 Option | Level 5 Option |
| CITS4419 | Mobile and Wireless Computing (S1 2026) | Not Available | Level 4 Option | Level 4 Option |

\*CITS5014 and CITS5015 are research program units and are by invitation only. Requires a minimum WAM of 70.
\*\* SVLG5001 requires Expression of Interest (EOI) application.
\*\*\*Choose either CITS2002 **or** CITS2005.