## **DEGREE:** **Master of Information Technology 62510 (2 Years starting semester 1 2024)**

Handbook: <https://handbooks.uwa.edu.au/coursedetails?code=62510>

8 x CORE

4 x OPTIONS

4 x CONVERSION UNITS

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| **YEAR 1** | SEM 1 | **CITS1401 \***  Computational Thinking  with Python | **CITS1003** \* Introduction to Cybersecurity | **CITS1402 \***  Relational Database  Management System | **OPTION** eg. MGMT5504 \* Data Analysis and Decision Making |
| SEM 2 | **CITS2002**  Systems Programming (or CITS2005) | **GENG5505 \***  Project Management and Engineering Practice | **CITS5506 \***  The Internet of Things | **OPTION** e.g. CITS4009 Computational Data Analysis |
| **YEAR 2** | SEM 1 | **CITS5505** Agile Web Development | **CITS4401**  Software Requirements and Design | **CITS4407**  Open Source Tools and Scripting | **OPTION** eg. CITS5508 Machine Learning |
| SEM 2 | **CITS5206**  Information Technology  Capstone Project | **CITS5503**  Cloud Computing | **CITS5501** Software Testing and  Quality Assurance | **OPTION** eg. CITS5507 High Performance Computing |

**Note**

* Course Coordinator: Professor Amitava Datta
* \* unit offered in Semester 1 and Semester 2
* CITS5206 may be offered in both semesters from 2025 check the handbook
* There are 14 option units in this program – check the Handbook for details