# 2 Year (96 points) Course Study Plan – Commencing Semester 2, 2023

Students who have completed degree studies in a non-cognate area, or equivalent as recognised by the school, must complete relevant conversion units up to the value of 24 points as determined by the School upon offer of admission and by the scope of a student’s prior study. Students who do not require all four conversion units may apply for special approval to enrol into MATH1721 Mathematics Foundations: Methods. This unit is advisable prior study for some MIT electives.

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| --- | --- | --- | --- | --- |
| Year 1 | | | | |
| *Semester 2* | CITS1402  Relational Database Management System  Prereq: Maths Applications ATAR or MATH1720 | CITS1401\*  Computational Thinking with Python  Prereq: Maths Methods ATAR  or MATH1721 | GENG5505\*  Project Management and Engineering Practice | OPTION |
| *Semester*  *1* | CITS2005\*\*  Object Oriented Programming  *Prereq: CITS1401* | CITS1003  Introduction to Cybersecurity | CITS4401  Software Requirements and Design  *Prereq: CITS1401* | CITS5505  Agile Web Development  *Prereq: CITS1401* |
| Year 2 | | | | |
| *Semester 2* | CITS5206  Professional Computing  Prereq: 24 points of L4/L5 units | CITS5503  Cloud Computing  Prereq: CITS2005 or CITS2002 | CITS5506  The Internet of Things  Prereq: CITS1401 | OPTION |
| *Semester 1* | CITS5501  Software Testing and Quality Assurance  Prereq: CITS2005 or CITS2002 | CITS4407  Open-Source Tool and Scripting | OPTION | OPTION |

**KEY: \* =** unit is available in Semester 1 and Semester 2; N/A = unit not available for 2023; NS = unit is delivered during a non-standard teaching period.

**\*\* Conversion students can take CITS2005 or CITS2002**

Refer to Table of Options overleaf.

**OPTION UNITS**

|  |  |
| --- | --- |
| **Optional Units:** Students take units to the value of 24 points from this group including at least one level 5 unit: | |
| **AUTO4508 Mobile** Robots (S1)  Prereq: CITS1401 | **CITS4009** Computational Data Analysis(S2) |
| **CITS4012** Natural Language Processing (S1)  Prereq: CITS1401 | **CITS4403** Computational Modelling (S1) |
| **CITS4404** Artificial Intelligence and Adaptive Systems (S2)  Prereq: CITS1401+CITS4009 or CITS2002 or CITS2005 | **CITS4419** Mobile and Wireless Computing(S1) |
| **CITS5504** Data Warehousing (S1)  Prereq: CITS1401 and CITS1402 | **CITS5507** High Performance Computing (S2)  Prereq: CITS1401+CITS4009 or CITS2002 or CITS2005 |
| **CITS5508** Machine Learning (S1)  Prereq: CITS1401 | **ENVT4411** Geographic Information System Applications\* |
| **GENG5507** Risk, Reliability and Safety \*  Prereq: MATH1011 & MATH1012 | **INMT5518** Supply Chain Analytics (S1) |
| **INMT5526** Business Intelligence (S2)  Prereq: INMT5518 or BUSN5002 or BUSN5101 | **MGMT5504** Data Analysis and Decision Making (S1) |
| **CITS5017 Deep Learning** (S2)  Prereq: CITS5508 |  |

\* This unit is available in semester 1, semester 2.

The course rules for the 62510 Master of Information Technology can be found at [uwa.edu.au/MIT-rules.](https://handbooks.uwa.edu.au/coursedetails?id=c403&rules) Information about unit availability should be checked at the beginning of each semester, details can be found at [UWA Timetable](https://www.uwa.edu.au/students/My-course/timetable) or [UWA Handbook.](https://handbooks.uwa.edu.au/majordetails?code=MJD-PHYSC)

This study plan is an example of a full-time load of four units per semester.

Further Help!

Refer to the UniStart website for your step-by-step guide on planning your enrolment: [uwa.edu.au/unistart.](https://www.uwa.edu.au/unistart) If you need to discuss your study plan further, please contact the EMS Student Service and Engagement Office , located in [EZONE North Building](https://www.uwa.edu.au/contact-us/campus-map?id=1869).