## **62510 Master of Information Technology: Artificial Intelligence (AI) Stream – 2-year study plan, Sem 1 start**

## 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 units)

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| **YEAR 1** | SEM 1 | **CITS1401: Computational Thinking  with Python\*\*** | **CITS1003: Introduction to  Cybersecurity\*\*** | **CITS1402: Relational Database Management Systems\*\*** | **PHIL4100:  Ethics and Critical Thinking\*\*** |
| SEM 2 | **CITS2002: Systems Programming**  pre-req: CITS1401 | **CITS4012: Natural Language  Processing** pre-req: CITS1401 | **Option Unit** | **Option Unit** |
| **YEAR 2** | SEM 1 | **CITS4401: Software Requirements  and Design** pre-req: CITS1401 | **CITS5505: Agile Web Development** pre-req: CITS1401 advisable prior study: CITS1402 | **CITS5508: Machine Learning** pre-req: CITS1401 | **CITS4404: Artificial Intelligence and Adaptive Systems**  pre-req: CITS2002 or CITS2005 |
| SEM 2 | **CITS5206: Information Technology Capstone Project\*\***  pre-req: 48 points of L4/5 units AND CITS5505 | **CITS5017: Deep Learning**  pre-req: CITS5508 | **Option Unit** | **Option Unit** |

\*\* Unit is available in Semester 1 and Semester 2

**NOTES**

* Course details are in the Handbook. For example: Master of Information Technology rules are here: <https://handbooks.uwa.edu.au/coursedetails?code=62510#rules>
* Course structure and unit details can found here: <https://handbooks.uwa.edu.au/coursedetails?code=62510#course-structure>
* Plan ahead! Look at prerequisite requirements in the Handbook. For example: Level 5 option unit CITS5507 requires completion of 12pts of programming-based units.
* Information about unit availability should be checked at the beginning of each semester and can be found at [timetable.uwa.edu.au](http://www.timetable.uwa.edu.au/) and [Handbooks](https://handbooks.uwa.edu.au/)
* Research project option units (CITS5014 and CITS5015) are by invitation only. Entry requirements include a WAM of 70 and above.

**Next Steps…**

 CRICOS: 00126G | PRV12169, Australian University

A standard full-time study load is four units per semester. All units have a value of six points unless otherwise stated. To check that you’re on track to meet your course requirements use the My Course Study Plan Checklist or get your study plan checked by a student advisor in your assigned Student Advising Office (displayed on studentConnect). Information in this study plan is correct at the time of publication and is subject to change from time to time. The University reserves the right to change the unit availability and unit rules, please refer to the Handbook each semester.

# Enrol on studentConnect and plan your timetable on the Class Allocation System:

* studentConnect: <student.uwa.edu.au/course/studentconnect>
* Class Allocation System (CAS): <cas.uwa.edu.au>

## **62510 Master of Information Technology: Artificial Intelligence (AI) Stream – 2-year study plan, Sem 2 start** 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 units)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **YEAR 1** | SEM 2 | **CITS1401: Computational Thinking  with Python\*\*** | **CITS1003: Introduction to  Cybersecurity\*\*** | **CITS1402: Relational Database Management Systems\*\*** | **PHIL4100:  Ethics and Critical Thinking\*\*** |
| **YEAR 2** | SEM 1 | **CITS2005: Object Oriented Programming**  pre-req: CITS1401 | **CITS4401: Software Requirements  and Design** pre-req: CITS1401 | **CITS5505: Agile Web Development** pre-req: CITS1401 advisable prior study: CITS1402 | **CITS5508: Machine Learning** pre-req: CITS1401 |
| SEM 2 | **CITS4012: Natural Language  Processing** pre-req: CITS1401 | **CITS5017: Deep Learning**  pre-req: CITS5508 | **Option Unit** | **Option Unit** |
| **YEAR 3** | SEM 1 | **CITS5206: Information Technology Capstone Project\*\***  pre-req: 48 points of L4/5 units AND CITS5505 | **CITS4404: Artificial Intelligence and Adaptive Systems**  pre-req: CITS2002 or CITS2005 | **Option Unit** | **Option Unit** |

\*\* Unit is available in Semester 1 and Semester 2

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