## **62510 Master of Information Technology: Software Systems (SS) Stream – 2-year study plan, Sem 1 start**

4 x Conversion Units

4 x Software System Specialisation Units

4 x Core Units

4 x Option Units (incl. 2 x Level 4 & 2 x Level 5)

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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\*\*** | **2025** |
| SEM 2 | **CITS2002: Systems Programming**  pre-req: CITS1401 | **Option Unit** | **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 | **CITS5506: Internet of Things** pre-req: CITS1401 | **Option Unit** | **2026** |
| SEM 2 | **CITS5206: Information Technology Capstone Project\*\***  pre-req: 48 points of L4/5 units | **CITS5507: High Performance  Computing** pre-req: 12 pts of programming-based units | **CITS5501: Software Testing and Quality Assurance** pre-req: CITS2002 or CITS2005 | **CITS5503: Cloud Computing** pre-req: CITS2002 or CITS2005 |

\*\* 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 CITS5017 requires prerequisite unit CITS5508.
* 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: Software Systems (SS) Stream – 2-year study plan, Sem 2 start**

4 x Conversion Units

4 x Software System Specialisation Units

4 x Core Units

4 x Option Units (incl. 2 x Level 4 & 2 x Level 5)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **YEAR 1** | SEM 2 | **CITS1401: Computational Thinking  with Python\*\*** | **CITS1003: Introduction to  Cybersecurity\*\*** | **CITS1402: Relational Database Management Systems\*\*** | **PHIL4100:  Ethics and Critical Thinking\*\*** | **2025** |
| 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 | **CITS5506: Internet of Things** pre-req: CITS1401 | **2026** |
| **YEAR 2** | SEM 2 | **CITS5501: Software Testing and Quality Assurance** pre-req: CITS2002 or CITS2005 | **CITS5503: Cloud Computing** pre-req: CITS2002 or CITS2005 | **CITS5507: High Performance  Computing** pre-req: 12 pts of programming-based units | **Option Unit** |
| SEM 1 | **CITS5206: Information Technology Capstone Project\*\***  pre-req: 48 points of L4/5 units  AND CITS5505 | **Option Unit** | **Option Unit** | **Option Unit** | **2027** |

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

**NOTES**

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**Next Steps…**

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