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| **Year 1** |
| *Semester 2,**2024* | **CITS1401**Computational Thinking with Python*Prereq: Maths Methods ATAR or MATH1721* | **CITS1402**Relational Database Management Systems*Prereq: Maths Applications ATAR or MATH1720*  | **CITS1003**Introduction to Cybersecurity | **MATH1721**Mathematics Foundations: Methods*Prereq: Maths Applications ATAR or MATH1720***Note: Recommended Elective** |
| *Semester 1,**2025* | **CITS2200**Data Structures and Algorithms*Prereq: CITS1401* |  |  |  |
| **Year 2** |
| *Semester 2,**2025* | **CITS2211**Discrete Structures*Prereq: CITS1401 and MATH1721* | **CITS2002**Systems Programming*Prereq: CITS1401* |  | **CITS3402**High Performance Computing*Prereq: CITS2200***Note: Recommended Elective** |
| *Semester 1,**2026* | **CITS2005**Object Oriented Programming*Prereq: CITS1401 and MATH1721* | **CITS3002**Computer Networks*Prereq: CITS2002* | **CITS3403**Agile Web Development*Prereq: CITS1401 or CITS2002* |  |
| **Year 3** |
| *Semester 2,**2026* | **CITS3001**Advanced Algorithms*Prereq: CITS2200* | **CITS3200**Professional Computing*Prereq: 84 points including CITS2002 or CITS2200* | **CITS3005**Knowledge Representation*Prereq: CITS2200***Note: Recommended Elective** | **CITS3011**Intelligent Agents*Prereq: CITS2200***Note: Recommended Elective** |
| *Semester 1,**2027* | *Option core unit* |  | **CITS3007**Secure Coding*Prereq: CITS2200***Note: Recommended Elective** | **CITS3003**Graphics and Animation*Prereq: CITS2002***Note: Recommended Elective** |

 *unit is available in Semester 1 and Semester 2;*

The Rules for the Bachelor of Advanced Computer Science [Honours] can be found at: <https://handbooks.uwa.edu.au/coursedetails?id=cbh8#rules>

All units have a value of six points unless otherwise stated.

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/) or [Handbooks.](https://handbooks.uwa.edu.au/)

**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: enquiries-ems@uwa.edu.au