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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](mailto:enquiries-ems@uwa.edu.au)