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| Year 1 |
| *Semester 2, 2023* | **CITS1402**Relational Database Management Systems*Prereq: Mathematics Applications ATAR or MATH1720*  | **\*\*MATH1721**🟌 Mathematics Foundations: Methods*Prereq: Mathematics Applications ATAR or MATH1720*  | **ELECTIVE** | **ELECTIVE** |
| *Semester 1, 2024* | **CITS1401**🟌 Computational Thinking with Python*Prereq: Mathematics Applications ATAR or MATH1720* | **STAT1400**🟌Statistics for Science *Prereq: Mathematics Applications ATAR or MATH1720*  | **PHIL1001**Ethics for the Digital Age: An Introduction to Moral Philosophy | **ELECTIVE**  |
| Year 2 |
| *Semester 2, 2024* | **CITS2402** Introduction to Data Science*Prereq: CITS1401 or CITS2401* | **STAT2402**Analysis of Observations*Prereq: Mathematics Applications ATAR or MATH1720* | **ELECTIVE** | **ELECTIVE** |
| *Semester 1, 2025* | **STAT2401**Analysis of Experiments*Prereq: Mathematics Applications ATAR or MATH1720* | **ELECTIVE** | **ELECTIVE** | **ELECTIVE** |
| Year 3 |
| *Semester 2 2025* |  **CITS3200**Professional Computing*Prereq: completion of at least 84 pts, incl. (CITS1401 with CITS1001) and (CITS2002 or CITS2200 or CITS2402* | **STAT3064**Statistical Learning*Prereq: STAT2401 and STAT2402 or STAT2062* | **STAT3405**Intro Bayesian Computing & Statistics*Prereq: STAT2401 and STAT2402 or STAT2062* | **ELECTIVE** |
| *Semester 1 2026* | **CITS3403**Agile Web Development*CITS1001 with CITS1401 or CITS2002* | **CITS3401**Data Warehousing*Prereq: CITS1402* | **ELECTIVE** | **ELECTIVE** |

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

* \*\*MATH1721 not required for students who completed Mathematics Methods ATAR or Mathematics Specialist ATAR (with scaled score of less than 50) or equivalent
* The Rules for the MJD-DATSC Data Science can be found at: <https://handbooks.uwa.edu.au/majordetails?code=MJD-DATSC#dsmlevel3>
* 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/).