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| Year 1 | | | | |
| *Semester 1,*  *2024* | **PHYS1001**  Physics for Scientists and Engineers  *Prereq: Mathematics Methods ATAR or MATH1721 and Physics ATAR or PHYS1030* | **MATH1011**  Multivariable Calculus  *Prereq: Mathematics Specialist ATAR or MATH1722* | **CITS1401**  Computational Thinking with Python *Prereq: Mathematics Applications ATAR or MATH1720* | **ELECTIVE** |
| *Semester 2,*  *2024* | **PHYS1002**  Modern Physics  *Prereq: PHYS1001* | **MATH1012**  *Mathematical Theory and Methods Prereq: Mathematics Specialist ATAR or MATH1722* | **ELECTIVE** | **ELECTIVE** |
| Year 2 | | | | |
| *Semester 1,*  *2025* | **PHYS2001**  Quantum Physics and Electromagnetism  *Prereq: PHYS1001 and MATH1011* | **MATH2501**  Advanced Mathematical Methods  *Prereq: MATH1011* | **ELECTIVE** | **ELECTIVE L2/3** |
| *Semester 2,*  *2025* | **PHYS2002**  Many Particle Systems  *Prereq: PHYS1001 and PHYS1002 and MATH1011* | **ELECTIVE OR the Level 3 PHYS Option unit:**  **PHYS3011**  Mathematical Physics  *Prereq: PHYS2001 and MATH2501*  *Coreq:**PHYS2002* | **ELECTIVE** | **ELECTIVE Level 2/3** |
| Year 3 | | | | |
| *Semester 1*  *2026* | **PHYS3001**  Quantum Mechanics and Atomic Physics  *Prereq: PHYS2001 and MATH2501* | **Level 3 PHYS Option unit** | **ELECTIVE** | **ELECTIVE Level 2/3** |
| *Semester 2*  *2026* | **PHYS3002**  Electrodynamics and Relativity *Prereq: PHYS2001 and PHYS2002 and MATH2501* | **ELECTIVE OR Level 3 PHYS Option unit**  Complete ELECTIVE if PHYS3011 was taken in Year 2 | **ELECTIVE Level 2/3** | **ELECTIVE Level 2/3** |

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

* The Rules for the MJD-PHYSC Physics can be found at: https://handbooks.uwa.edu.au/coursedetails?id=b4#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/)