



Year 1 / Level I (not more than 30 units)

S1	COMP SCI 1101 Introduction to Programming [or Semester 2] OR ENG 1002 Programming (Matlab and C) [or Semester 2]	MATHS 1011 Mathematics IA	PHYSICS 1100ND Physics IA	Approved Level I Elective
S2	COMP SCI 1102 Object Orientated Programming [or Semester 1]	MATHS 1012 Mathematics IB	PHYSICS 1200ND Physics IB	Approved Level I Elective

Year 2 / Level II

S1	MATHS 2101 Multivariable & Complex Calculus II	MATHS 2102 Differential Equations II	PHYSICS 2510 Physics IIA	Approved Level II Elective
S2	MATHS 2104 Numerical Methods II	PHYSICS 2532 Classical Physics II	PHYSICS 2534 Electromagnetism II	Approved Level II Elective

*Global Experience: The Faculty of Sciences recommends students who want to undertake an exchange in an overseas university plan to go in Semester 2 of Level 2 and/or Semester 1 of Level 3.

Year 3 / Level III (24 units)

S1	PHYSICS 3542 Physics III (6 units)	PHYSICS 3534 Computational Physics III	Approved Level III Elective
S2	PHYSICS 3006 Advanced Dynamics and Relativity III	PHYSICS 3544 Quantum Mechanics III	Approved Level III Elective Approved Level III Elective

Year 4 / Level IV (24 units)

S1	PHYSICS 4010 Advanced Physics (HPCP) Part 1 [or Semester 2] (6 units)	PHYSICS 4020A Honours Physics (HPCP) Project Part 1 [or Semester 2] (6 units)
S2	PHYSICS 4015 Advanced Physics (HPCP) Part 2 [or Semester 1] (6 units)	PHYSICS 4020B Honours Physics (HPCP) Project Part 2 [or Semester 1] (6 units)

ALL COURSES ARE WORTH 3 UNITS UNLESS OTHERWISE SPECIFIED

Key

ore Course	Elective Course
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Check [Course Planner](#) or with the Sciences Service Hub to ensure you meet the pre-requisites prior to enrolling into courses.

Enrolment Advice – General

- It is your responsibility to ensure you are correctly enrolled. Enrolment into courses outside of the Study Plan and Enrolment Advice listed could affect your eligibility to graduate.
- A total of **96 units** are required to complete the Bachelor of Science (High Performance Computational Physics) (Honours) program.
- 24 units must be completed for each of Levels I, II and III and IV.
- You may substitute an appropriate course chosen from Level II to fulfil the requirements of Level I, or from Level III to fulfil the requirements of Level I or II.
- There is a limitation on the amount of 'Non-Science' courses that can be presented. **Do not assume that because a course is offered through Sciences, that it automatically counts as 'Science'** (e.g. Animal Science courses). Please refer to your [Program Rules](#).
- Please consult your [Program Coordinator](#) or contact the Sciences Service Hub for advice.
- If you commenced your program prior to 2014, please contact the Sciences Service Hub for variations to your study plan.

Enrolment Advice – Courses

- The following courses cannot be presented towards the Bachelor of Science (High Performance Computational Physics) (Honours):
 - ANAT SC 1102 Human Biology IA
 - ANAT SC 1103 Human Biology IB
 - COMP SCI 1003 Internet Computing

Electives and Broadening

You may complete up to 9 units of 'non-science' elective courses at Level I and/or Level II. Of these courses a maximum of 6 units can be chosen at Level I. Please refer to your Program Rules for electives and all other requirements, including details on how to meet broadening experience <https://calendar.adelaide.edu.au/faculty/sciences>

For information about electives from other Faculties, course restrictions and pre-requisites, search the course planner:

<https://access.adelaide.edu.au/courses/search.asp>

Global Experience

The University of Adelaide is committed to offering its students the opportunity to study overseas through an International Experience. This experience is available in a wide range of degrees and can include student exchange (for either one or two full semesters), study tours, internships and placements. There are many exciting opportunities in Europe, Asia, the Americas, Africa, and Oceania ranging from a few weeks to a full academic year.

* The Faculty of Sciences recommends students who want to undertake an exchange in an overseas university plan to go in Semester 2 of Level 2 and/or Semester 1 of Level 3. To find opportunities available in your study area click [Study Overseas](#).

Further Information and Enrolment Advice

Sciences Service Hub

Phone: +61 8 8313 5673

Email: faculty.sciences@adelaide.edu.au