



Year 1 / Level I (24 units)			
S1	COMP SCI 1101 Introduction to Programming [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 (24 units)			
S1	MATHS 2101 Multivariable & Complex Calculus	MATHS 2102 Differential Equations	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
*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.			
S2	PHYSICS 3006 Advanced Dynamics & 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

Core Course	Elective Course	Course for Major
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Further Information and Enrolment Advice

Faculty of Sciences

Phone: +61 8 8313 5673

Email: faculty.sciences@adelaide.edu.au

Faculty of Sciences 2017 Study Plan Bachelor of Science (High Performance Computational Physics) (Honours)

Last updated: January 2017

Enrolment Advice

- 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](#). If in doubt consult the Faculty Office for advice.
- Please consult your Program Coordinator <http://www.sciences.adelaide.edu.au/current-students/contacts/coordinators/#ug> or contact the Faculty of Sciences Office for advice.
- If you commenced your program prior to 2014, please contact the Faculty of Sciences office for variations to your study plan.

Electives and Broadening

- Please refer to your Program Rules for electives and all other requirements <http://calendar.adelaide.edu.au/>
- For electives from other faculties, 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 a Global Learning 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 Global Learning opportunities available in your study area click [Global Experiences](#).

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