

Pathway to major in Physics

Year 1 / Level I				
S1	SCIENCE 1500 Introductory Data Science – Becoming Smart About Data	APP DATA 1010 Ethics and Data Management I	PHYSICS 1100 Physics IA	[^] MATHS 1011 Mathematics 1A
S2	STATS 1000 Statistical Practice I OR STATS 1005 Statistical Analysis and Modelling I or ECON 1008 Data Analytics	Approved level I elective	PHYSICS 1200 Physics IB	MATHS 1012 Mathematics IB
Year 2 / Level II				
S1	APP DATA 2010 Data Handling and Visualisation II	PHYSICS 2510 Physics IIA	MATHS 2101 Multivariable & Complex Calculus II	MATHS 2102 Differential Equations
S2	PHYSICS 2534 Electromagnetism II	PHYSICS 2520 Physics IIB	PHYSICS 2532 Classical Physics II	PHYSICS 2530 Astrophysics II
*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				
S1	[^] APP DATA 3010 Advanced Data Analysis III OR [^] APP DATA 3015 Numerical Modelling III	PHYSICS 3542 Physics III		[#] PHYSICS 3532 Atmospheric and Astrophysics III OR Approved Level III elective OR SCIENCE 3700 Sciences Internship
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S2	APP DATA 3020 Capstone Project in Domain-Specific Decision Science III	[^] APP DATA 3035 Statistical Inference and Machine Learning III	PHYSICS 3002 Experimental Physics III	[#] PHYSICS 3540 Optics and Photonics III OR Approved Level III elective OR SCIENCE 3700 Sciences Internship

ALL COURSES ARE WORTH 3 UNITS UNLESS OTHERWISE SPECIFIED

Key

Core Course	Elective Course	Course for Major
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[#] You must complete at least one of PHYSICS 3532 or PHYSICS 3540 in addition to [^] PHYSICS 3542 & PHYSICS 3002 to complete the major.

[^] This course is a compulsory elective that contributes towards the more quantitative stream

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 **72 units** are required to complete the Bachelor of Applied Data Analytics program.
- Please consult your [Program Coordinator](#) or contact the Sciences Service Hub for advice.

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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.

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Further Information and Enrolment Advice

Sciences Service Hub

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