

Pathway to major in Economics

Year 1 / Level I				
S1	SCIENCE 1500 Introductory Data Science – Becoming Smart About Data	APP DATA 1010 Ethics and Data Management I	ECON 1002 Australia in the Global Economy; OR ECON 1009 International Financial Institutions and Markets	Approved level I elective
S2	STATS 1000 Statistical Practice I or STATS 1005 Statistical Analysis and Modelling	# MATHS 1004 Mathematics for Data Science I or + MATHS 1005 Data Literacy	ECON 1012 Principles of Economics	ECON 1010 Mathematical Economics I
Year 2 / Level II				
S1	APP DATA 2010 Data Handling and Visualisation II	ECON 2506 Intermediate Microeconomics II	ECON 2504 Intermediate Econometrics II	Approved level II elective
S2	# APP DATA 2015 Statistical Inference and Machine Learning II or # APP DATA 3035 Statistical Inference and Machine Learning III OR + APP DATA 2020 Visual Basic and Excel Programming II	ECON 2507 Intermediate Macroeconomics II	ECON 2513 Global Economic History	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				
S1	# APP DATA 3010 Advanced Data Analysis III or # APP DATA 3015 Numerical Modelling III OR + APP DATA 3025 Machine Learning and Data Analytics III or + APP DATA 3030 Quantitative Decision Making III	^Approved level III Economics courses	^Approved level III Economics courses	Approved level III elective or PROF 3500 Professions Internship
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S2	APP DATA 3020 Capstone Project in Domain-Specific Decision Science III	ECON 3525 Economic Policy Analysis III	^Approved level III Economics courses	Approved level III elective or PROF 3500 Professions Internship

ALL COURSES ARE WORTH 3 UNITS UNLESS OTHERWISE SPECIFIED

Key

Core Course	Elective Course	Course for Major
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This core course contributes towards the more quantitative stream

+This core course contributes towards the less quantitative stream

^Courses to the value of 9 units from the following:

[ECON 3500](#) Resource and Environmental Economics

[ECON 3501](#) Development Economics

[ECON 3503](#) Game Theory

[ECON 3506](#) International Trade III

[ECON 3508](#) Public Economics III

[ECON 3510](#) International Finance III

[ECON 3511](#) Money, Banking and Financial Markets III

[ECON 3516](#) Industrial Organisation III

[ECON 3519](#) Advanced Mathematical Economics

ECON 3530 Applied Econometrics

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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 Bachelor of Applied Data Analytics program.
- Please consult your [Program Coordinator](#) or contact the Sciences Service Hub for advice.

Electives and Broadening

You may complete up to 9 units of 'Non-Science' elective courses at Level I or Level II. Of these courses, a maximum of 6 units can be chosen at Level I from other Faculties of the University. Note that no courses at Level III can be chosen from other Faculties of the University

You must complete Elective courses to fulfil the requirements of your Program: Please refer to your Program Rules for electives and all other requirements <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.

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Further Information and Enrolment Advice

Sciences Service Hub

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