

Pathway to major in Environment

| Year 1 / Level I | | | | |
|---|--|---|---|--|
| S1 | SCIENCE 1500 Introductory Data Science – Becoming Smart About Data | APP DATA 1010 Ethics and Data Management I | BIOLOGY 1101 Biology I: Molecules, Genes & Cells | CHEM 1100 Chemistry IA; or ** CHEM 1101 Foundations of Chemistry IA |
| S2 | STATS 1000 Statistical Practice I or STATS 1005 Statistical Analysis and Modelling or ECON 1008 Data Analytics | MATHS 1004 Mathematics for Data Science I or MATHS 1012 Mathematics IB | BIOLOGY 1202 Biology I: Organisms | CHEM 1200 Chemistry IB; or ** CHEM 1201 Foundations of Chemistry IB |
| ** CHEM 1312 Foundations of Chemistry IS during Summer School (if completed Foundations IA & IB) | | | | |
| Year 2 / Level II | | | | |
| S1 | APP DATA 2010 Data Handling and Visualisation II | ENV BIOL 2500 Botany II or ENV BIOL 2503 Zoology II | CHEM 2530 Environmental & Analytical Chemistry 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 | ENV BIOL 2502 Ecology II | Approved level II elective | Approved level II elective or SCIENCE 2700 Science Internship |
| *Global Experience: We recommend 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 (at least 24 units) | | | | |
| 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 | ENV BIOL 3510 Research Methods in Ecology III | ENV BIOL 3121 Concepts in Ecology III | ENV BIOL 3004 Freshwater Ecology III or Approved level III elective |
| *Global Experience: We recommend 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 | APP DATA 3020 Capstone Project in Domain-Specific Decision Science III | SPATIAL 3010 Earth Observation III | SPATIAL 3007WT GIS for Environmental Management III [Summer School] or SPATIAL 3020WT GIS for Agriculture & Natural Resources III [Winter School] | ENV BIOL 3580 Conservation Biology III or ENV BIOL 3010 Marine Ecology III |

ALL COURSES ARE WORTH 3 UNITS UNLESS OTHERWISE SPECIFIED

Key

| | | |
|--------------------|-----------------|------------------|
| Core Course | Elective Course | Course for Major |
|--------------------|-----------------|------------------|

This core course contributes towards the more quantitative stream
+This core course contributes towards the less quantitative stream

**Students who successfully complete CHEM 1101 Foundations of Chemistry IA and CHEM 1201 Foundations of Chemistry IB will be

required to complete CHEM 1312 Foundations of Chemistry IS to follow the pathway of the Environment major.

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.

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- 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.

Enrolment Errors

Please [submit the relevant form](#) to request a unit-overload waiver, prerequisite waiver, timetable clash resolution or a course/class full request.

Global Experience

We recommend 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](#).

Under the University's [Student Charter](#), it is the student's responsibility to enrol correctly in accordance with the University's program requirements, course prerequisites and University procedures, and ensure that your enrolment will enable you to graduate in your chosen program. If this study plan is unclear or contains an error, it is recommended you seek confirmation and advice from the Sciences Service Hub at the earliest opportunity

Further Information and Enrolment Advice

Sciences Service Hub

Phone: +61 8 8313 5673

Email: faculty.sciences@adelaide.edu.au