Faculty of Sciences
Mid-year Entry 2021 Study Plan
Bachelor of Applied Data Analytics

Last updated: 2 June 2021

Pathway to major in Geosciences

Year 1 / Level I (not more than 30 units)				
S2	**STATS 1000 Statistical Practice I or STATS 1005 Statistical Analysis and Modelling I ECON 1008 Data Analytics**	**# MATHS 1004 Mathematics for Data Science I or MATHS 1012 Mathematics IB**	GEOLOGY 1100 Planet Earth	CHEM 1200 Chemistry IB or **CHEM 1201 Foundations of Chemistry IB
S1	**SCIENCE 1500 Introductory Data Science – Becoming Smart About Data**	**APP DATA 1010 Ethics and Data Management I**	GEOLOGY 1103 Building a Habitable Planet	CHEM 1100 Chemistry IA or **CHEM 1101 Foundations of Chemistry IA
Year 2 / Level II				
S2	**# APP DATA 2015 Statistical Inference and Machine Learning II** or **+ APP DATA 2020 Programming II**	GEOLOGY 2502 Igneous and Metamorphic Geology II	GEOLOGY 2505 Geochemistry II	Approved level I or level II elective or SCIENCE 2700 Science Internship
S1	**APP DATA 2010 Data Handling and Visualisation II**	GEOLOGY 2500 Sedimentary Geology II	GEOLOGY 2501 Structural Geology II	SPATIAL 2501 Spatial Information and Land Evaluation
	*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 (at least 24 units)				
S2	**APP DATA 3020 Capstone Project in Domain-Specific Decision Science III**	GEOLOGY 3023 Geophysics IIIB: Electromagnetics and Seismology	SPATIAL 3007WT GIS for Environmental Management III [Summer School] or SPATIAL 3010 Earth Observation III or SPATIAL 3020WT GIS for Agriculture & Natural Resources III [Winter School]	GEOLOGY 3505 Earth Systems History III or GEOLOGY 3502 Mineral and Energy Resources III
	*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.			
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**	GEOLOGY 3022 Geophysics IIIA: Potential Fields and Geothermics	GEOLOGY 3013 Tectonics III	GEOLOGY 3016 Igneous Metamorphic Geology III or GEOLOGY 3500 Exploration Methods III

ALL COURSES ARE WORTH 3 UNITS UNLESS OTHERWISE SPECIFIED

Key

Core Course	Elective Course	Course for Major

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

+This course is a compulsory elective that 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 undertake an additional course, CHEM 1312 Foundations of Chemistry IS during Summer School before commencing Level II Chemistry studies.

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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.
- No more than 30 units of courses can be completed at Level I.
- At least 24 units of Science courses must be completed at Level III.
- A candidate 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.

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
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