

Bachelor of Science (Geology)

Useful study planning/enrolment resources:

[Subject Search](#)
[Academic Calendars](#)
[Class Registration](#)
[Enrolment Resources](#)

The information in the study planner is current at the time of creation may be subject to future change.

Attention International Student visa holders: To remain compliant with your enrolments requirements as a Student visa holder you are required to enrol in at least one On-Campus, Multi-Modal or WIL subject offering in each compulsory study period and you cannot enrol in more than one third (33%) of your total course load through online or distance learning. To complete your course within your CoE duration students must maintain sufficient subject enrolment.

If there are only Online subject offerings for you to select in a compulsory study period, contact enrolments@jcu.edu.au urgently for enrolment advice.

The College of Science and Engineering will be offering some subjects in Block 3 and Block 4 (see the [Academic Calendar](#) for Block 3 and 4 dates). International students must maintain enrolment in subjects across the whole Trimester 2 period (May - August) and can do this by enrolling in a combination of Block 3 and Block 4 subjects, and/or Trimester 2 subjects and full-time enrolment load in an academic year.

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2025			MA1020:03 Preparatory Mathematics (or any Level 1, 2 or 3 or 5 subject if already satisfied via previous study)
			Major EA1110:03 Evolution of the Earth
			Elective from List 1 (Breadth Subjects) OR Second Major Subject (Depending on chosen structure)

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2026	CH1020:03 Preparatory Chemistry (or any Level 1, 2 or 3 or 5 subject if already satisfied via previous study)	Elective OR Second Major Subject (Depending on chosen structure)	SC1102:03 Modelling Natural Systems <i>PREREQ: MA1020 or MA0020 or Senior Mathematics or equivalent</i> OR SC1109:03 Modelling Natural Systems – Advanced^ <i>PREREQ: MA1000 or MA1009</i>
	SC1101:03 Science, Technology and Truth	Elective from List 1 (Breadth Subjects) OR Second Major Subject (Depending on chosen structure)	Major EA2110:03 Sedimentology and Stratigraphy <i>PREREQ: 9 credit points of Level 1 Subjects including EA1110</i>
	Major* EV1005:03 Environmental Processes and Global Change OR CH1001:03 Chemistry: The Central Science (TR2) <i>PREREQ: CH1020 or CH0020 or EG1010 or Senior Chemistry or equivalent</i>		Elective OR Second Major Subject (Depending on chosen structure)

^Note: SC1109 is compulsory in the Advanced BSc Program and should be taken instead of SC1102 if you are considering that pathway.

*EV1005 must be selected if undertaking a double major with the Chemistry Major and CH1001 must be selected if undertaking a double major with the Environmental Earth Science Major

2027	TRIMESTER 1	TRIMESTER 2		TRIMESTER 3
	SC2202:03 Quantitative Methods in Science <i>PREREQ: SC1102 or SC1109</i> OR SC2209:03 Quantitative Methods in Science-Advanced <i>PREREQ: MA1003 and SC1109 and 6 credit points of Level 1 Subjects</i>			Major EA3400:03 Ore Deposits and Critical Mineral Exploration <i>PREREQ: 9 credit points of level 2 subjects including EA2220</i> OR EA3800:03 Earth and Environmental Geochemistry <i>PREREQ: 9 credit points of level 2 subjects and 3 credit points of level 1 EA, EV or MB subjects</i>
		BLOCK 3 (May-Jun)	BLOCK 4 (Jul-Aug)	
	Major EA2220:03 Earths Materials: Minerals and Magmas <i>PREREQ: 9 credit points of Level 1 Subjects including EA1110</i>	Major EA3210:03 Structural Geology and Tectonics <i>PREREQ: 9 credit points of Level 1 Subjects including EA1110</i>	Select 3 credit points of subjects from List 2 (Skills Subjects) <i>* Recommended – EV2502:03 Introduction to Geographic Information Systems (BL4)</i>	Elective OR Second Major Subject (Depending on chosen structure)
	Elective OR Second Major Subject (Depending on chosen structure)	<i>Face to Face 9.06.2025 – 22.06.2025</i>		Elective OR Second Major Subject (Depending on chosen structure)

2028	TRIMESTER 1	TRIMESTER 2		TRIMESTER 3
	Major EA3130:03 Magmatic Processes and Metamorphism <i>PREREQ: 9 credit points at level 2 including EA2220</i>	SC3008:03 Professional Placement (TR1, TR2, TR3) <i>PREREQ: 12 credit points of second year subjects. Restricted to students with an approved placement</i> OR SC3003:03 Science Research Internship (TR1, TR2, TR3) <i>PREREQ: 15 credit points of AQ, BC, BS, BZ, CH, EV, EA, MA, MB, PH or SC science level 2 subjects</i> <i>*Students wishing to enrol in SC3003 must have a minimum GPA of 5.5 and a supervisor for their internship.</i>		
	Elective OR Second Major Subject <i>(Depending on chosen structure)</i>	BLOCK 3 (May-Jun)	BLOCK 4 (Jul-Aug)	
	Elective OR Second Major Subject <i>(Depending on chosen structure)</i>	Major EA3510:03 Geological Mapping <i>PREREQ: 9 credit points at level 2 including EA2220</i> <i>Face to Face 26.05.2025 – 8.06.2025</i>		

COURSE HANDBOOK

[Bachelor of Science](#)
[Geology Major](#)