

Bachelor of Science (Geology) (Environmental Earth Science)

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 TR2, Block 3 and/or Block 4 subjects.

	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)
			Geology Major EA1110:03 Evolution of the Earth

	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)	Geology Major CH1001:03 Chemistry: The Central Science <i>PREREQ: CH1020 or CH0020 or EG1010 or Senior Chemistry or equivalent</i>	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	Select 3 credit points of any level 1, 2, 3 or 5 subjects	Environmental Earth Science Major EA2404:03 Earth's Climate: Past, Present and Future <i>PREREQ: 12 credit points of Level 1 subjects</i>
	Environmental Earth Science Major EV1005:03 Environmental Processes and Global Change		Geology Major EA2110:03 Sedimentology and Stratigraphy <i>PREREQ: 9 credit points of Level 1 Subjects including EA1110</i>

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

2027	TRIMESTER 1	TRIMESTER 2		TRIMESTER 3
	Environmental Earth Science Major BS1007:03 Introduction to Biodiversity			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 plus 6 credit points of other Level 1 subjects</i>
		BLOCK 3 (May-Jun)	BLOCK 4 (Jul-Aug)	
	Geology Major EA2220:03 Earths Materials: Minerals and Magmas <i>PREREQ: 9 credit points of Level 1 Subjects including EA1110</i>	Environmental Earth Science Major EV2401:03 Australian Landscape Processes and Evolution <i>PREREQ: 9 credit points at Level 1</i> <i>Face to Face 26.05.2025 – 8.06.2025</i>	Select 3 credit points of subjects from List 2 (Skills Subjects) <i>* Recommended – EV2502:03 Introduction to Geographic Information Systems (BL4)</i>	Geology 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>
	Environmental Earth Science Major EA2006:03 Hydrology <i>PREREQ: 9 credit points at Level 1</i>	Geology Major EA3210:03 Structural Geology and Tectonics <i>PREREQ: 9 credit points of Level 1 Subjects including EA1110</i> <i>Face to Face 9.06.2025-22.06.2025</i>		Environmental Earth Science Major EV3401:03 Coastal and Catchment Geomorphology <i>PREREQ: 9 credit points at Level 1</i>

2028	TRIMESTER 1	TRIMESTER 2		TRIMESTER 3
	<p>SC3008:03 Professional Placement (TR1, TR2, TR3) <i>PREREQ: 12 credit points of Level 2 subjects. Enrolment is restricted to students with an approved placement.</i></p> <p>OR</p> <p>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></p>			
		BLOCK 3 (May-Jun)	BLOCK 4 (Jul-Aug)	
		<p>Geology Major</p> <p>EA3510:03 Geological Mapping <i>PREREQ: 9 credit points at level 2 including EA2220</i> <i>Face to Face 26.05.2025 – 6.06.2025</i></p>		
	<p>Geology Major</p> <p>EA3130:03 Magmatic Processes and Metamorphism <i>PREREQ: 9 credit points at level 2 including EA2220</i></p>	<p>Environmental Earth Science Major</p> <p>EA3007:03 Field Studies in Tropical Land and Water Science <i>PREREQ: 9 credit points of Level 1 subjects including EA2006</i> <i>Face to Face 9.06.2025 – 22.06.2025</i></p>		
	<p>Environmental Earth Science Major</p> <p>EA3207:03 Soil Properties and Processes for Science <i>PREREQ: 9 credit points of Level 1 subjects</i></p>			

COURSE HANDBOOK

Bachelor of Science

Environmental Earth Science Major

Geology Major