

## 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](mailto: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
<b>2025</b>	SC1101:03 Science Technology and Truth	MA1020:03 Preparatory Mathematics <b>(or any Level 1, 2 or 3 or 5 subject if already satisfied via previous study)</b>	SC1102:03 Modelling Natural Systems <i>PREREQ: MA1020 or MA0020 or Senior Mathematics or equivalent</i> <b>OR</b> SC1109:03 Modelling Natural Systems – Advanced^ <i>PREREQ: MA1000</i>
	CH1020:03 Preparatory Chemistry <b>(or any Level 1, 2 or 3 or 5 subject if already satisfied via previous study)</b>	<b>Geology Major</b> CH1001:03 Chemistry: The Central Science <i>PREREQ: CH1020 or CH0020 or EG1010 or Senior Chemistry or equivalent</i>	<b>Geology Major</b> EA1110:03 Evolution of the Earth
	<b>Environmental Earth Science Major</b> EV1005:03 Environmental Processes and Global Change		<b>Environmental Earth Science Major</b> EA2404:03 Earth's Climate: Past, Present and Future <i>PREREQ: 9 credit points of Level 1 subjects</i>

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

		TRIMESTER 1	TRIMESTER 2	TRIMESTER 3	
<b>2026</b>	<b>Geology Major</b> EA2220:03 Earths Materials; Minerals and Magmas <i>PREREQ: 9 credit points of Level 1 Subjects including EA1110</i>		Select 3 credit points of any level 1, 2, 3 or 5 subjects	SC2202:03 Quantitative Methods in Science <i>PREREQ: SC1102 or SC1109</i> <b>OR</b> SC2209:03 Quantitative Methods in Science-Advanced <i>PREREQ: MA1003 and SC1109 plus 6 credit points of other Level 1 subjects</i>	
	<b>Environmental Earth Science Major</b> BS1007:03 Introduction to Biodiversity	<b>BLOCK 3 (May-Jun)</b>		<b>Geology Major</b> EA3210:03 Structural Geology and Tectonics <i>PREREQ: 9 credit points of Level 1 Subjects including EA1110</i>	<b>Geology Major</b> EA2110:03 Introduction to Sedimentology <i>PREREQ: 9 credit points of Level 1 Subjects including EA1110</i>
	<b>Environmental Earth Science Major</b> EA2006:03 Hydrology <i>PREREQ: 9 credit points at Level 1</i>	<b>Environmental Earth Science Major</b> EV2401:03 Australian Landscape Processes and Evolution <i>PREREQ: 9 credit points at Level 1</i>			

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2027	<b>Geology Major</b> 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 Level 2 subjects. Enrolment is restricted to students with an approved placement.</i> <b>OR</b> 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>	<b>Geology Major</b> EA3400:03 Ore Deposits and Critical Mineral Exploration <i>PREREQ: 9 credit points of level 2 subjects including EA2220</i> <b>OR</b> 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>
	<b>Environmental Earth Science Major</b> EA3207:03 Soil Properties and Processes <i>PREREQ: 9 credit points of Level 1 subjects</i>	<b>BLOCK 3 (May-Jun)</b>	<b>Environmental Earth Science Major</b> EV3401:03 Coastal and Catchment Geomorphology <i>PREREQ: 9 credit points at Level 1</i>
	Select 3 credit points of subjects from <b>List 2 (Skills Subjects)</b> <i>* Recommended – EV2502:03 Introduction to Geographic Information Systems (BL4) or SC3010:03 Sensors and Sensing for Scientists (TR1)</i>	<b>BLOCK 3 (May-Jun)</b>	

**COURSE HANDBOOK**

[Bachelor of Science](#)

[Environmental Earth Science Major](#)

[Geology Major](#)