

## Bachelor of Advanced 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](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
2025			<b>Major</b> EA1110:03 Evolution of the Earth
			Elective <b>OR</b> Second Major Subject <i>(depending on chosen structure)</i>
			Elective <b>OR</b> Second Major Subject <i>(depending on chosen structure)</i>

	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)	MA1000:03 Mathematical Foundations <i>PREREQ: MA1020 OR MA0020 OR BR0202 OR High school subjects: Mathematical Methods or Specialist Mathematics (or equivalent such as Maths B or Maths C)</i>	MA1003:03 Mathematical Techniques <i>PREREQ: MA1000 or MA1011 or MA1009</i>
	SC1101:03 Science, Technology and Truth	Elective <b>OR</b> Second Major Subject (depending on chosen structure)	SC1109:03 Modelling Natural Systems – Advanced <i>PREREQ: MA1000 or MA1009</i>
	<b>Major*</b> EV1005:03 Environmental Processes and Global Change <b>OR</b> CH1001:03 Chemistry: The Central Science (TR2) <i>PREREQ: CH1020 or CH0020 or EG1010 or Senior Chemistry or equivalent</i>		<b>Major</b> EA2110:03 Introduction to Sedimentology <i>PREREQ: At least 9 credit points of Level 1 Subjects including EA1110</i>

\* 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

	TRIMESTER 1	TRIMESTER 2		TRIMESTER 3
2027	SC2209:03 Quantitative Methods in Science-Advanced <i>PREREQ: MA1003 and (SC1109 plus 6 credit points of other Level 1 subjects) or admission in 116409</i>			<b>Major</b> EA3400:03 Ore Deposits and Critical Mineral Exploration <i>PREREQ: At least 9 credit points at level 2 subjects including EA2220</i>
		<b>BLOCK 3</b> (May-Jun)	<b>BLOCK 4</b> (Jul-Aug)	<b>OR</b> EA3800:03 Earth and Environmental Geochemistry <i>PREREQ: At least 9 credit points of level 2 subjects and 3 credit points of level 1 EA, EV or MB subjects</i>
	<b>Major</b> EA2220:03 Earths Materials: Minerals and Magmas <i>PREREQ: At least 9 credit points of Level 1 Subjects including EA1110</i>	<b>Major</b> EA3210:03 Structural Geology and Tectonics <i>PREREQ: At least 9 credit points of Level 1 Subjects including EA1110</i>	Elective <b>OR</b> Second Major Subject (depending on chosen structure)	Elective <b>OR</b> Second Major Subject (depending on chosen structure)
	Elective <b>OR</b> Second Major Subject (depending on chosen structure)	Face to Face 9.06.2025 – 22.06.2025		Elective <b>OR</b> Second Major Subject (depending on chosen structure)

2028	TRIMESTER 1	TRIMESTER 2		TRIMESTER 3
	<b>Major</b> EA3130:03 Magmatic Processes and Metamorphism <i>PREREQ: At least 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>		
	Select 3 credit points of subjects from <a href="#">List 1</a> ( <b>Advanced Skills Subjects</b> )	BLOCK 3 (May-Jun)	BLOCK 4 (Jul-Aug)	
	Elective <b>OR</b> Second Major Subject <i>(depending on chosen structure)</i>	<b>Major</b> EA3510:03 Geological Mapping <i>PREREQ: At least 9 credit points at level 2 including EA2220</i> <i>Face to Face 26.05.2025 – 8.06.2025</i>		

## COURSE HANDBOOK

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