

Bachelor of Advanced Science (Geology)

Useful study planning/enrolment resources:

- [Course and Subject Handbook](#)
- [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 you are receiving US Federal Aid, there are further compliance considerations. Please contact financialaid@jcu.edu.au to confirm compliance of your subject selections.

Student Resources: If you require advice about your study plan, choosing electives, or which subjects to enrol in, please contact your major advisor or degree coordinator ([CSE Course and Major Advisors](#)). For information on available elective subject options please also refer to the Study Area guide ([2026 JCU STUDY AREA GUIDE — College of Science & Engineering](#)).

Your plan may include subjects labelled with ***Intensive on-campus requirements**. These subjects involve mandatory on-campus or fieldwork attendance with extended hours over a dedicated face-to-face period. Please check the face-to-face dates for the subject in the [subject handbook](#) and do not enrol in subjects with overlapping face-to-face dates. For more information, see the CSE Student Guide to Succeeding in Trimester 2 Intensives on the CSE [Student Resources](#) webpage.

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2026			Major EA1110:03 Evolution of the Earth
			Elective OR Second Major Subject <i>(Depending on chosen structure)</i>
			Elective OR Second Major Subject <i>(Depending on chosen structure)</i>

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2027	SC1101:03 Science, Technology and Truth	MA1000:03 Mathematical Foundations <i>PREREQ: MA1020 OR MA0020 OR BR0202 OR High School Senior Mathematics Equivalent</i>	MA1003:03 Mathematical Techniques <i>PREREQ: MA1000 OR MA1011 OR MA1009</i>
	CH1020:03 Preparatory Chemistry (any Level 1, 2, 3 or 5 subject if already satisfied via previous study)	Elective OR Second Major Subject (Depending on chosen structure)	SC1109:03 Modelling Natural Systems-Advanced <i>PREREQ: MA1000 or MA1009</i>
	Major* EV1005:03 Environmental Processes and Global Change OR CH1001:03 Chemistry: The Central Science <i>PREREQ: BR0301, CH1020, CH0020 or EG1010 or High School Senior Chemistry or admission to 71510 or 116910 or 70309 or 108209 or 70809 or 71809 or 115309 or 119209</i>		Major EA2110:03 Sedimentology and Stratigraphy <i>PREREQ: 9 credit points at level 1 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
2028	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>	Major EA3210:03 Structural Geology and Tectonics *Intensive on-campus requirements <i>PREREQ: 9 credit points at level 1 including EA1110</i>	Major EA3400:03 Ore Deposits and Critical Mineral Exploration <i>PREREQ: 9 credit points at Level 2 including EA2220</i> OR EA3800:03 Geochemistry of the Earth and Environment <i>PREREQ: 9 credit points at level 2 and 3 credit points level 1 EA, EV, or CH subjects</i>
	Major EA2220:03 Earth Materials: Minerals and Magmas <i>PREREQ: 9 credit points at level 1 including EA1110</i>	Elective <i>Recommend EA2900:03 Introductory Outback Field Geosciences</i> *Intensive on-campus requirements OR Second Major Subject (Depending on chosen structure)	Elective OR Second Major Subject (Depending on chosen structure)
	Elective OR Second Major Subject (Depending on chosen structure)		Elective OR Second Major Subject (Depending on chosen structure)

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2029	<p>Major EA3130:03 Magmatic Processes and Metamorphism <i>PREREQ: 9 credit points at level 2 including EA2220</i></p>	<p>SC3008:03 Professional Placement (TR1, TR2, TR3) <i>PREREQ: 12 credit points of second year subjects</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 must source a supervisor for their internship before enrolment</i></p>	
	<p>Select 3 credit points of subjects from List 1 (Advanced Skill Subjects)</p>	<p>Major EA3510:03 Geological Mapping <i>*Intensive on-campus requirements</i> <i>PREREQ: 9 credit points at Level 2 including EA2220</i></p>	
	<p>Elective OR Second Major Subject <i>(Depending on chosen structure)</i></p>		

COURSE HANDBOOK

[Bachelor of Advanced Science](#)

[Geology Major](#)