

## Bachelor of Geology

This study plan should be used as a general guide for your course. We recommend you consult with your [CSE Course/Major Advisor](#) and particularly if your intended enrolment varies from this plan.

The information in the study plan is current at the time of creation and may be subject to future change. If you would prefer a part-time study plan, please adjust the below study planner; reviewing subject prerequisites to ensure you are on track for course completion.

Useful study planning/enrolment resources:

To search for information on subjects: [Subject Search](#)

To register for your classes: [Class Registration](#)

For important dates check: [Academic Calendars](#)

Further enrolment resources: [Enrolment Resources](#)

Year 1	STUDY PERIOD 1	STUDY PERIOD 2
	Course <b>MA1020:03</b> Preparatory Mathematics or <b>Elective</b> (only if already satisfied via previous study)	Course <b>SC1102:03</b> Modelling Natural Systems <i>PREREQ: MA1020 or MA0020 or Senior Mathematics or equivalent</i> or <b>SC1109:03</b> Modelling Natural Systems-Advanced <i>PREREQ: MA1000 or MA1009</i>
	Course <b>CH1020:03</b> Preparatory Chemistry or <b>Elective</b> (only if already satisfied via previous study)	Course <b>EA1110:03</b> Evolution of the Earth
	Course <b>EV1005:03</b> Environmental Processes and Global Change	<b>Elective</b>
	Course Select a subject from <b>BREADTH</b> subjects-List 1	<b>Elective</b>

Year 2	STUDY PERIOD 1		STUDY PERIOD 2	
	Course <b>SC2202:03</b> Quantitative Methods in Science <i>PREREQ: SC1102</i> or <b>SC2209:03</b> Quantitative Methods in Science-Advanced <i>PREREQ: SC1109 and MA1003 plus 6 cp of other Level 1 subjects</i>		Course <b>EA2110:03</b> Introduction to Sedimentology <i>PREREQ: EA1110 plus at least 9 credit points Level 1 AN, AR, BZ, EV, MA, MB, PH, SC, (BU1004 or BU1104) subjects</i>	
	Course <b>EA2510:03</b> Earth Resources, Exploration and Environment <i>PREREQ: EA1110 plus at least 9 credit points of Level 1 AN, AR, BZ, EV, MA, MB, PH, SC, (BU1004 or BU1104) subjects</i>		Course <b>EV2502:03</b> Introduction to Geographic Information Systems <i>PREREQ: 12 credit points of Level 1 subjects</i>	
	Course <b>EA2220:03</b> Minerals and Magmas <i>PREREQ: EA1110 plus at least 9 credit points Level 1 AN, AR, BZ, EV, MA, MB, PH, SC (BU1004 or BU1104) subjects</i>		Elective	
			Elective	
	STUDY PERIOD 3 (Jan-Feb)	STUDY PERIOD 7 (Jun-Jul)	STUDY PERIOD 10 (Nov-Jan)	
		Course <b>EA2900:03</b> Introductory Field Geology <i>PREREQ: EA1110 plus at least 9 credit points Level 1 AN, AR, BZ, EV, MA, MB, PH, SC, (BU1004 or BU1104) subjects</i>		

Year 3	STUDY PERIOD 1		STUDY PERIOD 2	
	Course <b>EA3130:03</b> Advanced Petrology <i>PREREQ: EA1110 and EA2220</i>		Course <b>EA3120:03</b> The Fossil Record: Dinosaurs and Vertebrates Through Time	
	Course <b>EA3210:03</b> Structural Geology and Tectonics <i>PREREQ: EA1110</i>		Course <b>EA2007:03</b> Soil Properties and Processes for Management <i>PREREQ: At least 12 credit points at Level 1</i> OR <b>EA3207:03</b> Soil Properties and Processes for Science OR <b>EV3506</b> Remote Sensing <i>PREREQ: At least 12 credit points at Level 2 including EV2502</i> OR <b>SC3901</b> Special Topic (SP1, 2, 3, 7, 11) <i>PREREQ: Prior Approval</i> OR <b>EA3640:03</b> Advanced Environmental and Marine Geoscience Technologies and Applications (SP11) <i>PREREQ: At least 12 credit points at Level 2 and 3 credit points at Level 1 EA or MB</i> OR <b>SC3008</b> Professional Placement (SP1, 2, 3, 7, 11) <i>PREREQ: Students must have successfully completed 12 second year credit points. Enrolment is restricted to students with an approved placement.</i>	
			Course <b>EA3400:03</b> Ore Deposits and Critical Mineral Exploration <i>PREREQ: 12 credit points of Level 2 subjects including EA2510 and EA2220</i>	
			Course <b>EA3800:03</b> Earth and Environmental Geochemistry <i>PREREQ: 12 credit points at Level 2 and 3 credit points of Level 1 CH &amp; 3 credit points at Level 1 EA subjects</i>	
			<b>Elective</b>	
	STUDY PERIOD 3 (Jan-Feb)		STUDY PERIOD 6 (May-Jul)	STUDY PERIOD 10 (Nov-Jan)
			Course <b>EA3510:03</b> Geological Mapping <i>PREREQ: 12 credit points of subjects at minimum of Level 2 including EA2220, EA2900 and EA2300 or EA3210</i>	

BREADTH SUBJECTS - LIST 1	
STUDY PERIOD 1	STUDY PERIOD 2
BM1000:03 Introductory Biochemistry and Microbiology	BS1001:03 Introduction to Biological Processes
BS1007:03 Introduction to Biodiversity	MA1580:03 Foundations of Data Science
CH1001:03 Chemistry: A Central Science	
EG1000:03 Engineering 1	
MA1000:03 Mathematical Foundation	
PH1005:03 Advanced Stream Physics 1	
SC1101: Science, Technology and Truth	Trimester 1 CP1401:03 Problem Solving and Programming I

## COURSE HANDBOOK

[Bachelor of Geology Handbook](#)