

## 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](#)

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

Year 2	<b>STUDY PERIOD 1</b>		<b>STUDY PERIOD 2</b>	
	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>		<b>Elective</b>	
	<b>Elective</b>			
	<b>STUDY PERIOD 3</b> (Jan-Feb)		<b>STUDY PERIOD 7</b> (Jun-Jul)	
		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>		

<b>Year 3</b>	<b>STUDY PERIOD 1</b>		<b>STUDY PERIOD 2</b>	
	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>EA3650:03</b> Energy Resources and Basin Analysis <i>PREREQ: 12 credit points of Level 2 subjects including EA2110</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>	
	<b>STUDY PERIOD 3</b> (Jan-Feb)		<b>STUDY PERIOD 6</b> (May-Jul)	
		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	

**ADDITIONAL INFORMATION**

[2023 Bachelor of Geology Handbook](#)