

## RECOMMENDED STUDY PLAN

Mid-Year Entry 2021

DEGREE Bachelor of Geology

MINOR Chemistry for Geology – TSV only after 1<sup>st</sup> Year

NAME \_\_\_\_\_

To assist you with subject information, we recommend you consult with your CSE Course/Major Advisor and refer to [Subject Search](#). If you would prefer a part-time study plan, please adjust the below planner, reviewing subject prerequisites to ensure you are on track for course completion.

The College of Science and Engineering has implemented screening testing in this degree so that students who are suitably qualified can replace core preparatory subjects with elective subjects. The screening tests **must** be completed even if Senior Chemistry or Maths Methods (or equivalent) have been studied at secondary school.

Year 1	MID-YEAR ENTRY	Study Period 2 - SP2
		Degree Core: <u>EA1110</u> Evolution of the Earth
		Minor Core: <u>PH2006</u> Marine Physics
		Minor Core List 1:
		Elective: <u>CH1020</u> Preparatory Chemistry - Recommended unless the student has passed the chemistry screening test and passed relevant chemistry at secondary school.

Year 2	Study Period 1 - SP1	Study Period 2 - SP2
	<b>Degree Core:</b> <u>EV1005</u> Environmental Processes & Global Change	<b>Degree Core:</b> <u>SC1102</u> Modelling Natural Systems PREREQ: MA1020 <b>OR</b> <u>SC1109</u> Modelling Natural Systems-Advanced PREREQ: MA1000 OR MA1009
	<b>Degree Core:</b> <u>CH1001</u> Chemistry: A Central Science PREREQ: CH1020 OR EG1010 OR SENIOR CHEMISTRY	<b>Degree Core:</b> <u>EV2502</u> Introduction to Geographic Information Systems PREREQ: AT LEAST 12CP LEVEL 1 SUBJECTS
	<b>Degree Core:</b> <u>MA1020</u> Preparatory Math* * This core subject may be replaced by an elective if you pass the maths screening test (held during orientation week). The screening test needs to be completed even if Maths Methods (or equivalent) has been studied at secondary school.	<b>Degree Core:</b> <u>EA2110</u> Introduction to Sedimentology PREREQ: EA1110 PLUS AT LEAST 9CP LEVEL 1 AN, AR, BZ, EV, MA, MB, PH, SC, (BU1004 OR BU1104) SUBJECTS.
		<b>Minor Core:</b> <u>CH2103</u> Analytical Chemistry PREREQ: CH1001 OR CH1011

SP7 (Jun-Jul)
<b>Degree Core:</b> <u>EA2900</u> Introductory Field Geology

PREREQ: EA1110 PLUS AT LEAST 9CP LEVEL 1 AN, AR, BZ, EV, MA, MB, PH, SC, (BU1004 OR BU1104) SUBJECTS.

Note - MA1003 is available in SP3 block mode at the beginning of the third year if you plan on taking SC2209.

Year 3	Study Period 1 - SP1	Study Period 2 - SP2
	<b>Degree Core:</b> <u>SC2202</u> Quantitative Methods in Science PREREQ: SC1102 OR MA1020 OR MATH B OR EQUIVALENT <b>OR</b> <u>SC2209</u> Quantitative Methods in Science-Advanced PREREQ: SC1109 AND MA1003 PLUS 6CP OF OTHER LEVEL 1 SUBJECTS	<b>Degree Core:</b> <u>EA3120</u> The Fossil Record: Dinosaurs and Vertebrates Through Time
	<b>Degree Core:</b> <u>EA2220</u> Minerals and Magmas PREREQ: EA1110 PLUS AT LEAST 9CP LEVEL 1 AN, AR, BZ, EV, MA, MB, PH, SC, (BU1004 OR BU1104) SUBJECTS.	<b>Degree Core:</b> <u>EA3400</u> Ore Genesis PREREQ: AT LEAST 12CP LEVEL 2 SUBJECTS INCLUDING EA2510 AND EA2220
	<b>Degree Core:</b> <u>EA2510</u> Earth Resources, Exploration and Environment PREREQ: EA1110 PLUS AT LEAST 9CP LEVEL 1 AN, AR, BZ, EV, MA, MB, PH, SC, (BU1004 OR BU1104) SUBJECTS.	<b>Degree Core:</b> <u>EA3650</u> Sedimentary Environments and Energy Resources PREREQ: AT LEAST 12CP LEVEL 2 SUBJECTS INCLUDING EA2110
		<b>Degree Core:</b> <u>EA3800</u> Earth and Environmental Geochemistry PREREQ: 12CP LEVEL 2 AND 3CP LEVEL 1 CH AND 3CP LEVEL 1 EA SUBJECTS

SP6 (Jun-Jul)
<b>Degree Core:</b> <u>EA3510</u> Geological Mapping PREREQ: AT LEAST 12CP OF SUBJECTS AT MINIMUM LEVEL 2 INCLUDING EA2220 EA2900 AND (EA2300 OR EA3210)

Year 4	Study Period 1 - SP1	MID-YEAR COMPLETION
	<b>Degree Core:</b> <u>EA3130</u> Advanced Petrology	
	<b>Degree Core:</b> <u>EA3210</u> Structural Geology and Tectonics PREREQ: EA1110	
	<b>Minor Core:</b> <u>CH3041</u> Environmental Chemistry PREREQ: CH1001 OR CH1011 OR EG1010	
	<b>Elective:</b>	

#### Further Degree Options:

Minor Core List 1:	
Study Period 1 – SP1	Study Period 2 – SP2
<u>BZ1006</u> Diversity of Life – CNS only	<u>BS1001</u> Introduction to Biological Processes
<u>MA1000</u> Mathematical Foundations PREREQ: MA1020 OR MATHEMATICS B OR MATHS C	<u>CH1002</u> Chemistry: Principles & Applications – TSV only PREREQ: CH1001 OR CH1011
<u>PH1005</u> Advanced Stream Physics 1 PREREQ: Maths B OR MA1020 OR MA1000 OR MA1008.	<u>PH1001</u> Preparatory Physics
<u>PH1002</u> Astronomy: Evolution of the Universe – Not currently offered	