

## RECOMMENDED STUDY PLAN

2021

DEGREE Bachelor of Advanced Science MAJOR Earth Science (ESC)

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.

Year 1	Study Period 1 - SP1	Study Period 2 - SP2
	<b>Degree Core:</b> <u>SC1101</u> Science Technology and Truth	<b>Degree Core:</b> <u>SC1109</u> Modelling Natural Systems-Advanced <b>PREREQ:</b> MA1000 OR MA1009
	<b>Degree Core:</b> <u>MA1000</u> Mathematical Foundations <b>PREREQ:</b> MA1020 OR MATHEMATICS B OR MATHS C	<b>Degree Core:</b> <u>MA1003</u> Mathematical Techniques <b>PREREQ:</b> MA1000 OR MA1011 OR MA1009
	<b>Major Core:</b> <u>EV1005</u> Environmental Processes & Global Change	<b>Major Core:</b> <u>EA1110</u> Evolution of the Earth
		<b>Degree Core:</b> <u>CH1020</u> Preparatory Chemistry # # This subject is equivalent to chemistry from high school. This core subject may be replaced by an elective if you pass the chemistry competency test.
<b>SP3 (Jan-Feb)</b>		
<b>Elective/Minor/2<sup>nd</sup> Major:</b> <u>MA1020</u> Preparatory Math* - Recommended *This subject is equivalent to QLD-Maths Methods from high school.		

Year 2	Study Period 1 - SP1	Study Period 2 - SP2
	<b>Degree Core:</b> <u>SC2209</u> Quantitative Methods in Science-Advanced <b>PREREQ:</b> SC1109 AND MA1003 PLUS 6CP OF OTHER LEVEL 1 SUBJECTS	<b>Elective/Minor/2<sup>nd</sup> Major:</b>
	<b>Major Core:</b> <u>EA2006</u> Hydrology <b>PREREQ:</b> AT LEAST 12CP LEVEL 1	<b>Elective/Minor/2<sup>nd</sup> Major:</b>
	<b>Major Core:</b> <u>EV2401</u> Australian Landscape Processes and Evolution <b>PREREQ:</b> AT LEAST 12CP LEVEL 1 SUBJECTS	<b>Elective/Minor/2<sup>nd</sup> Major:</b>
	<b>Major Core:</b> <u>EA2220</u> Minerals and Magmas <b>PREREQ:</b> EA1110 AND AT LEAST 9CP LEVEL 1 AN, AR, BZ, EV, MA, MB, PH, SC (BU1004 or BU1104) SUBJECTS <b>OR</b> <u>EA2404</u> From Icehouse to Greenhouse – SP2 <b>PREREQ:</b> AT LEAST 12CP LEVEL 1 SUBJECTS	<b>Elective/Minor/2<sup>nd</sup> Major:</b>

Year 3	Study Period 1 - SP1	Study Period 2 - SP2
	<b>Degree Core:</b> <u>SC3008</u> Professional Placement - <i>available any SP</i> <b>OR</b> <u>SC3003</u> Science Research Internship - <i>available any SP</i>	
	<b>Major Core:</b> <u>EA3210</u> Structural Geology and Tectonics <b>PREREQ:</b> EA1110	<b>Degree Core List 1:</b>
	Elective/Minor/2 <sup>nd</sup> Major:	<b>Major Core:</b> <u>EA3110</u> Sedimentology and Stratigraphy <b>PREREQ:</b> EA1110
	Elective/Minor/2 <sup>nd</sup> Major:	<b>Major Core:</b> <u>EA3207</u> Soil Properties and Processes for Science
	Elective/Minor/2 <sup>nd</sup> Major:	

**Further Degree Options:**

<b>Degree Core List 1: Advanced Skill Subjects</b>		
Study Period 1 – SP1		Study Period 2 – SP2
		<u>BC5203</u> Advanced Bioinformatics – TSV ONLY
		<u>BS5260</u> Modelling Ecological Dynamics – TSV ONLY
		<u>CH5002</u> Research Skills and Communication in Chemistry (Adv) – TSV ONLY
<u>EA5409</u> Mineralogy and Geophysics – Not currently offered		<u>PH5014</u> Research Skills and Communication in Physics (Advanced) – Not currently offered
<b>SP3 (Jan-Feb)</b>		
<u>SC5502</u> Design and Analyses in Ecological Studies – TSV ONLY, This subject will move to SP2 in 2022		