

## RECOMMENDED STUDY PLAN

2021

DEGREE Bachelor of Science MAJOR Aquaculture (AQT) – 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.

	Study Period 1 - SP1	Study Period 2 - SP2
Year 1	<b>Degree Core:</b> <u>SC1101</u> Science Technology and Truth	<b>Degree Opt 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 Opt Core</b> <u>Breadth-List 1:</u>	<b>Degree Opt Core</b> <u>Breadth-List 1:</u>
	<b>Major Core:</b> <u>BS1007</u> Introduction to Biodiversity – TSV only <b>OR</b> <u>BZ1006</u> Diversity of Life – CNS only	<b>Major Core:</b> <u>BS1001</u> Introduction to Biological Processes
	<b>Degree Core:</b> <u>MA1020</u> Preparatory Math* <i>*This subject is equivalent to QLD-Maths Methods from high school. This core subject may be replaced by an elective if you pass the math competency test.</i>	<b>Degree Core:</b> <u>CH1020</u> Preparatory Chemistry # <i># 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.</i>

^ Note- SC1102 is compulsory in the Advanced BSc Program and should be taken instead of SC1102 if you are considering that pathway.

	Study Period 1 - SP1	Study Period 2 - SP2
Year 2	<b>Degree Core:</b> <u>SC2202</u> Quantitative Methods in Science PREREQ: SC1102 OR MA1020 OR MATHS 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 Opt Core</b> <u>Skill-List 2:</u>
	<b>Major Core:</b> <u>AQ2001</u> Introduction to Aquaculture PREREQ: 12CP LEVEL 1 SCIENCE (BZ, CH, EA, EV, MA, MB, PH OR SC SUBJECTS)	<b>Elective/Minor/2<sup>nd</sup> Major:</b>
	<b>Major Core:</b> <u>BS2470</u> Evolution PREREQ: BS1001 OR BZ1005	<b>Elective/Minor/2<sup>nd</sup> Major:</b>
	<b>Major Core:</b> <u>MI2031</u> Diagnosis of Bacterial Diseases in Aquaculture	<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>Degree Core:</b> <u>SC3010</u> Sensors and Sensing for Scientists <b>PREREQ:</b> SC2202/SC2209	<b>Elective/Minor/2<sup>nd</sup> Major:</b>
	<b>Major Core:</b> <u>AQ3002</u> Aquaculture: Feeds and Nutrition <b>PREREQ:</b> (12CP LEVEL 2 AQ, BC, BZ, BS, CH, EA, EV, MA, MB OR PH SCIENCE SUBJECTS) AND (3CP LEVEL 2 AQUACULTURE SUBJECTS).	<b>Elective/Minor/2<sup>nd</sup> Major:</b>
	<b>Elective/Minor/2<sup>nd</sup> Major:</b>	
<b>SP3 (Jan-Feb)</b>		<b>SP7 (Jun-Jul)</b>
<b>Major Core:</b> <u>AQ3015</u> Sustainable Aquaculture <b>PREREQ:</b> 12CP LEVEL 2 SUBJECTS		<b>Major Core:</b> <u>AQ3003</u> Aquaculture: Propagation – <i>SP7</i> <b>PREREQ:</b> AQ2001 AND 12CP LEVEL 2 SCIENCE SUBJECTS (AQ, BC, BS, BZ, CH, EA, EV, MA, MB, PH, OR SC) <b>OR</b> <b>Major Core:</b> <u>AQ3004</u> Aquaculture: Stock Improvement – <i>SP10</i> <b>PREREQ:</b> (12CP LEVEL 2 AQ, BC, BZ, BS, CH, EA, EV, MA, MB OR PH SCIENCE SUBJECTS) AND (3CP LEVEL 2 AQUACULTURE SUBJECTS).

#### Further Degree Options:

<b>Breadth-List 1:</b>	
Study Period 1 – SP1	Study Period 2 – SP2
<u>CP1401</u> Problem Solving and Programming I <b>OR</b> <u>CP1404</u> Programming II <b>PREREQ:</b> CP1801 OR CP1401 OR CP1200 OR EG1002 OR CP2200 OR SC1201 <i>both subjects available in SP1 and SP2 **</i>	
<u>BM1000</u> Introductory Biochemistry and Microbiology – <i>TSV only</i> <b>PREREQ:</b> CH1020 OR SENIOR CHEMISTRY	<u>CH1002</u> Chemistry: Principles & Applications – <i>TSV only</i> <b>PREREQ:</b> CH1001 OR CH1011
<u>CH1001</u> Chemistry: A Central Science <b>PREREQ:</b> CH1020 OR EG1010 OR SENIOR CHEMISTRY	<u>EA1110</u> Evolution of the Earth
<u>EG1000</u> Engineering 1	<u>MA1003</u> Mathematical Techniques <b>PREREQ:</b> MA1000 OR MA1011 OR MA1009
<u>EV1005</u> Environmental Processes & Global Change	<u>PH1007</u> Advanced Stream Physics 2 – <i>TSV only</i> <b>PREREQ:</b> ((MATHS B OR EQUIVALENT OR MA1020) AND PH1005) OR (PHYSICS AND MATHS C)
<u>MA1000</u> Mathematical Foundations <b>PREREQ:</b> MA1020 OR MATHEMATICS B OR MATHS C	
<u>PH1005</u> Advanced Stream Physics 1 <b>PREREQ:</b> Maths B OR MA1020 OR MA1000 OR MA1008.	

**\*\*CP1404 has been added to the structure from 2019. We would prefer if you would take CP1404.**

<b>Skill-List 2:</b>	
<b>Study Period 1 – SP1</b>	<b>Study Period 2 – SP2</b>
<u>CP2404</u> Database Modelling	<u>EV2502</u> Introduction to Geographic Information Systems PREREQ: 12CP LEVEL 1 SUBJECTS
	<u>MA2210</u> Linear Algebra PREREQ: MA1003
	<u>CH2103</u> Analytical Chemistry – <i>TSV only</i> PREREQ: CH1001 OR CH1011