

Bachelor of Advanced Science

MAJOR **Aquaculture Science & Technology**

MAJOR **Choose a second major***

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](#)

**NOTE - This second major study plan should NOT be used to map either Marine Biology or Zoology & Ecology. Both of these two majors will have specific second major study plans that should be used instead.*

	STUDY PERIOD 1	STUDY PERIOD 2
Year 1		Course CH1020:03 Preparatory Chemistry or Elective (only if already satisfied via previous study)
		Major BS1001:03 Introduction to Biological Processes
		Second Major
		Second Major

	STUDY PERIOD 1	STUDY PERIOD 2
Year 2	Course SC1101:03 Science Technology and Truth	Course SC1109:03 Modelling Natural Systems-Advanced <i>PREREQ: MA1000 or MA1009</i>
	Course MA1000:03 Mathematical Foundations <i>PREREQ: MA1020 or MA0020 or Maths B or Maths C</i>	Course MA1003:03 Mathematical Techniques <i>PREREQ: MA1000 or MA1011 or MA1009</i>
	Major BS1007:03 Introduction to Biodiversity	Second Major
	Second Major	Second Major

Year 3	STUDY PERIOD 1		STUDY PERIOD 2	
	Course SC2209:03 Quantitative Methods in Science-Advanced <i>PREREQ: MA1003 and SC1109 plus 6 credit points of Level 1 subjects</i>		Course Select an ADVANCED SKILL subject from List 1	
	Major AQ2001:03 Introduction to Aquaculture <i>PREREQ: At least 12 credit points of Level 1 science BS, BZ, CH, EA, EV, MA, MB, PH or SC subjects</i>		Second Major	
	Major BS2470:03 Evolution <i>PREREQ: BZ1001 or BS1001 or BZ1005</i>		Second Major	
	STUDY PERIOD 3 (Jan-Feb)		STUDY PERIOD 7 (Jun-Jul)	
		Major AQ3003:03 Aquaculture: Propagation - SP7 <i>PREREQ: AQ2001 AND at least 12 credit points of Level 2 science AQ, BC, BS, BZ, CH, EA, EV, MA, MB, PH, or SC subjects.</i> or AQ3004:03 Aquaculture: Stock Improvement - SP10 <i>PREREQ: At least 12 credit points of Level 2 AQ, BC, BZ, CH, EA, EV, MA, MB or PH science subjects and 3 credit points of Level 2 aquaculture subjects.</i>		

Year 4	STUDY PERIOD 1		STUDY PERIOD 2	
	<p>Course</p> <p>Select Availability in Study Period 1, 2, 3, 7 or 11</p> <p>SC3003:03 Science Research Internship</p> <p><i>PREREQ: 15 credit points of AQ, BC, BS, BZ, CH, EV, EA, MA, MB, PH or SC Level 2 subjects</i></p> <p style="text-align: center;">OR</p> <p>SC3008:03 Professional Placement</p> <p><i>PREREQ: Students must have successfully completed 12 credit points of second year subjects.</i></p> <p><i>Enrolment is restricted to students with an approved placement</i></p>			
	Major MI2031:03 Diagnosis of Bacterial Diseases in Aquaculture			
	Major AQ3002:03 Aquaculture: Feeds and Nutrition <i>PREREQ: At least 12 credit points of Level 2 AQ, BC, BZ, BS, CH, EA, EV, MA, MB or PH science subjects and 3 credit points of Level 2 aquaculture subjects.</i>			
	Second Major			
	STUDY PERIOD 3 (Jan-Feb)		STUDY PERIOD 7 (Jun-Jul)	
Major AQ3015:03 Sustainable Aquaculture <i>PREREQ: 12 credit points of Level 2 subjects</i>				

ADVANCED SKILL SUBJECTS - LIST 1

STUDY PERIOD 1	STUDY PERIOD 2
BS5260:03 Modelling Ecological Dynamics	BC5203:03 Advanced Bioinformatics
MA2000:03 Mathematics for Scientists and Engineers <i>PREREQ: MA1003</i>	CH5002:03 Research Skills and Communication in Chemistry (Advanced) <i>PREREQ: Satisfactory completion of 9 credit points of Level 2, 3 or 5 CH subjects</i>
^EA5409:03 Mineralogy and Geophysics	SC5502:03 Design and Analyses in Ecological Studies
^PH5014:03 Research Skills and Communication in Physics (Advanced)	

^Note: EA5409 and PH5014 are not offered in 2023

COURSE NOTES

A maximum of 30 credit points may be taken at Level 1.

A minimum of 18 credit points of science subjects must be taken at Level 3 or higher.

ADDITIONAL INFORMATION

[Bachelor of Advanced Science Handbook](#)
[Aquaculture Science and Technology Major](#)