

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 <u>CSE Course/Major Advisor</u> 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: <u>Subject Search</u> To register for your classes: <u>Class Registration</u> For important dates check: <u>Academic Calendars</u> Further enrolment resources: <u>Enrolment Resources</u> *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 SC1101 :03 Science Technology and Truth	Course SC1109:03 Modelling Natural Systems-Advanced PREREQ: MA1000 or MA1009	
	Course MA1000:03 Mathematical Foundations PREREQ: MA1020 or MA0020 or Maths B or Maths C	Course MA1003:03 Mathematical Techniques PREREQ: MA1000 or MA1011 or MA1009	
	Major BS1007 :03 Introduction to Biodiversity	Major BS1001:03 Introduction to Biological Processes	
	Second Major	Second Major	



	STUDY PERI	OD 1	STUDY PERIOD 2	
Year 2	Course SC2209:03 Quantitative Methods in Science-Advanced PREREQ: MA1003 and SC1109 plus 6 credit points of Level 1 subjects		Course CH1020:03 Preparatory Chemistry or Elective (only if already satisfied via previous study)	
	Major AQ2001:03 Introduction to Aquaculture PREREQ: At least 12 credit points of Level 1 science BS, BZ, CH, EA, EV, MA, MB, PH or SC subjects		Second Major	
	Major BS2470:03 Evolution PREREQ: BZ1001 or BS1001 or BZ1005		Second Major	
	Second Major			
	STUDY PERIOD 3 (Jan-Feb)	STUDY PE (Jun-Ju		STUDY PERIOD 10 (Nov-Jan)
		Major AQ3003:03 Aquaculture: Propagation - SP7 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. or AQ3004:03 Aquaculture: Stock Improvement - SP10 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.		



STUDY PERIO	D 1	S	TUDY PERIOD 2	
Course				
Select Availability in Study Period 1, 2, 3, 7 or 11				
SC3003:03 Science Research Internship				
PREREQ:15 credit points of AQ, BC, BS, BZ, CH, EV, EA, MA, MB, PH or SC Level 2 subjects				
OR				
SC3008:03 Professional Placement				
PREREQ: Students must have successfully completed 12 credit points of second year subjects.				
Enrolment is restricted to students with an approved placement				
Course				
Major AQ3002 :03 Aquaculture: Feeds and Nutrition 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		Second Major		
		Second Major		
Aquaculture				
Second Major				
STUDY PERIOD 3 (Jan-Feb)	STUDY PERIOD 7 (Jun-Jul)		STUDY PERIOD 10 (Nov-Jan)	
Major				
AQ3015:03 Sustainable				
subjects				
	Se PREREQ: 15 credit point PREREQ: Students mu Enrolm Select Major AQ3002:03 Aquaculture: Feeds and PREREQ: At least 12 credit points of Level 2 EA, EV, MA, MB or PH science subjects and 2 aquaculture subjects. Major Mil2031:03 Diagnosis of Bacterial D Aquaculture Second Major STUDY PERIOD 3 (Jan-Feb) Major AQ3015:03 Sustainable Aquaculture PREREQ: 12 credit points of Level 2	Select Availability in Study SC3003:03 Science R PREREQ:15 credit points of AQ, BC, BS, BZ, CH OF SC3008:03 Profess PREREQ: Students must have successfully comp Enrolment is restricted to students Select an ADVANCED SK Major AQ3002:03 Aquaculture: Feeds and Nutrition 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. Major Major Second Major STUDY PERIOD 3 (Jan-Feb) Major AQ3015:03 Sustainable Aquaculture PREREQ: 12 credit points of Level 2	Course Select Availability in Study Period 1, 2, 3, 7 of SC3003:03 Science Research Internsh PREREQ: 15 credit points of AQ, BC, BS, BZ, CH, EV, EA, MA, MB, P OR PREREQ: 15 credit points of AQ, BC, BS, BZ, CH, EV, EA, MA, MB, P OR SC3008:03 Professional Placement PREREQ: Students must have successfully completed 12 credit points Enrolment is restricted to students with an approved p Course Select an ADVANCED SKILL subject from Major AQ3002:03 Aquaculture: Feeds and Nutrition 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. Second Major Major Second Major Second Major Major Second Major Second Major Major Study PERIOD 3 (Jan-Feb) Study PERIOD 7 (Jun-Jul) Major AQ3015:03 Sustainable Aquaculture PREREQ: 12 credit points of Level 2 Sustainable Aquaculture PREREQ: 12 credit points of Level 2	

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 PREREQ: MA1003	CH5002:03 Research Skills and Communication in Chemistry (Advanced) PREREQ: Satisfactory completion of 9 credit points of Level 2, 3 or 5 CH subjects			
^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

2023 Bachelor of Advanced Science Handbook Aquaculture Science and Technology Major