

Bachelor of Science (Aquaculture Science and Technology) & (Marine Biology)

Useful study planning/enrolment resources:

[Course and Subject Handbook](#)

[Academic Calendars](#)

[Class Registration](#)

[Enrolment Resources](#)

The information in the study planner is current at the time of creation may be subject to future change.

Attention International Student visa holders: To remain compliant with your enrolments requirements as a Student visa holder you are required to enrol in at least one On-Campus, Multi-Modal or WIL subject offering in each compulsory study period and you cannot enrol in more than one third (33%) of your total course load through online or distance learning. To complete your course within your CoE duration students must maintain sufficient subject enrolment.

If you are receiving US Federal Aid, there are further compliance considerations. Please contact financialaid@jcu.edu.au to confirm compliance of your subject selections.

Student Resources: If you require advice about your study plan, choosing electives, or which subjects to enrol in, please contact your major advisor or degree coordinator ([CSE Course and Major Advisors](#)). For information on available elective subject options please also refer to the Study Area guide ([2026 JCU STUDY AREA GUIDE — College of Science & Engineering](#)).

Your plan may include subjects labelled with ****Intensive on-campus requirements***. These subjects involve mandatory on-campus or fieldwork attendance with extended hours over a dedicated face-to-face period. Please check the face-to-face dates for the subject in the [subject handbook](#) and do not enrol in subjects with overlapping face-to-face dates. For more information, see the CSE Student Guide to Succeeding in Trimester 2 Intensives on the CSE [Student Resources](#) webpage.

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2026			MA1020:03 Preparatory Mathematics (or any Level 1, 2, 3 or 5 subject if already satisfied via previous study)
			Aquaculture Science and Technology Major BS1001:03 Introduction to Biological Processes
			Marine Biology Major Select 3 credit points of List 1 (Breadth Subjects)

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2027	CH1020:03 Preparatory Chemistry (or any Level 1, 2, 3 or 5 subject if already satisfied via previous study)	Marine Biology Major Select 3 credit points of List 1 (Breadth Subjects)	SC1102:03 Modelling Natural Systems <i>PREREQ: MA1020 or MA0020 or Senior Mathematics or equivalent</i> OR SC1109:03 Modelling Natural Systems-Advanced^ <i>PREREQ: MA1000 or MA1009</i>
	SC1101:03 Science, Technology and Truth	Select 3 credit points of List 2 (Skills Subjects)	Aquaculture Science and Technology Major MI2031:03 Diagnosis of Bacterial Diseases in Aquaculture
	Aquaculture Science and Technology Major BS1007:03 Introduction to Biodiversity		Marine Biology Major BS2460:03 Fundamentals of Ecology <i>PREREQ: 6 credit points of level 1 or 2 BZ/BS or EV subjects</i>

^Note: SC1109 is compulsory in the Advanced BSc Program and should be taken instead of SC1102 if you are considering that pathway.

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2028	<p>SC2202:03 Quantitative Methods in Science <i>PREREQ: SC1102 or SC1109</i></p> <p>OR</p> <p>SC2209:03 Quantitative Methods in Science-Advanced <i>PREREQ: MA1003 and ((SC1109 plus 6 credit points of other Level 1 subjects) or admission in 116409)</i></p>	<p>Aquaculture Science and Technology Major</p> <p>AQ3003:03 Aquaculture: Propagation (TR1) <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></p> <p>OR</p> <p>AQ3004:03 Aquaculture: Stock Improvement (TR2) *Intensive on-campus requirements <i>PREREQ: 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></p>	<p>Marine Biology Major</p> <p>MB3190:03 Coral Reef Ecology (TR3)</p> <p>OR</p> <p>MB3270:03 Coastal, Estuarine and Mangrove Ecosystems (TR2) *Intensive on-campus requirements <i>PREREQ: BS1007 or BZ1007 and (MB2050 or BS2460) and (SC2202 or SC2209 or BS2001 or BZ2001)</i></p>
	<p>Aquaculture Science and Technology Major</p> <p>AQ2001:03 Introduction to Aquaculture <i>PREREQ: 12 credit points of Level 1 science BS, BZ, CH, EA, EV, MA, MB, PH or SC subjects</i></p>	<p>Marine Biology Major</p> <p>MB3160:03 Evolution and Ecology of Reef Fishes (TR2) *Intensive on-campus requirements <i>PREREQ: MB2050</i> <i>Prior Approval</i></p> <p>OR</p> <p>MB3210:03 Life History and Evolution of Reef Corals (TR1) <i>PREREQ: (SC2202 or SC2209 or BS2001 or BZ2001 or AG2001)</i> <i>Prior Approval</i></p>	<p>Select 3 credit points of any Level 1, 2, 3 or 5 subjects</p>
	<p>Marine Biology Major</p> <p>MB2050:03 Functional Biology of Marine Organisms <i>PREREQ: ZL1001 or BZ1004 or AG1004 or BZ1007 or BS1007 or BZ1006</i></p>	<p>Marine Biology Major</p> <p>Select 3 credit points of any Level 1, 2, 3 or 5 subjects</p>	

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2029	<p>Aquaculture Science and Technology Major</p> <p>AQ3002:03 Aquaculture: Feeds and Nutrition</p> <p><i>PREREQ: 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></p>	<p>SC3008:03 Professional Placement (TR1, TR2, TR3)</p> <p><i>PREREQ: 12 credit points of second year subjects</i></p> <p>OR</p> <p>SC3003:03 Science Research Internship* (TR1, TR2, TR3)</p> <p><i>PREREQ: 15 credit points of Science Level 2 subjects plus a GPA of 5.5 or above</i></p> <p><i>*Students must source a supervisor for their internship before enrolment</i></p>	
	<p>Aquaculture Science and Technology Major</p> <p>BS2470:03 Evolution</p> <p><i>PREREQ: BZ1001 or BS1001 or BZ1005</i></p>	<p>Aquaculture Science and Technology Major</p> <p>AQ3015:03 Sustainable Aquaculture</p> <p>*Intensive on-campus requirements</p> <p><i>PREREQ: 12 credit points of Level 2 subjects</i></p>	
	<p>Marine Biology Major</p> <p>MB3050:03 Biological Oceanography</p> <p><i>PREREQ: (BS1007 or BZ1007) and MB2050 and (SC2202 or SC2209 or BS2001 or BZ2001)</i></p>		

COURSE HANDBOOK

[Bachelor of Science](#)

[Aquaculture Science and Technology Major](#)

[Marine Biology Major](#)