

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

Useful study planning/enrolment resources:

[Subject Search](#)
[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 there are only Online subject offerings for you to select in a compulsory study period, contact enrolments@jcu.edu.au urgently for enrolment advice.

The College of Science and Engineering will be offering some subjects in Block 3 and Block 4 (see the [Academic Calendar](#) for Block 3 and 4 dates). International students must maintain enrolment in subjects across the whole Trimester 2 period (May - August) and can do this by enrolling in a combination of Block 3 and Block 4 subjects, and/or Trimester 2 subjects and full-time enrolment load in an academic year.

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2025			MA1020:03 Preparatory Mathematics (or any Level 1, 2 or 3 or 5 subject if already satisfied via previous study)
			Marine Biology Major BS1001:03 Introduction to Biological Processes
			Aquaculture Science and Technology Major Elective subject from List 1 (Breadth Subjects)

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2026	CH1020:03 Preparatory Chemistry (or any Level 1, 2 or 3 or 5 subject if already satisfied via previous study)	Elective subject from List 2 (Skills Subjects)	SC1102:03 Modelling Natural Systems <i>PREREQ: MA1020 or MA1020 or High School Mathematics or equivalent</i> OR SC1109:03 Modelling Natural Systems – Advanced^ <i>PREREQ: MA1000 or MA1009</i>
	SC1101:03 Science, Technology and Truth	Aquaculture Science and Technology Major Elective subject from List 1 (Breadth Subjects)	Marine Biology Major BS2460:03 Fundamentals of Ecology <i>PREREQ: 6 credit points of level 1 or 2 BZ, BS or EV subjects</i>
	Marine Biology Major BS1007:03 Introduction to Biodiversity		Aquaculture Science and Technology Major MI2031:03 Diagnosis of Bacterial Diseases in Aquaculture

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

2027	TRIMESTER 1	TRIMESTER 2		TRIMESTER 3
	SC2202:03 Quantitative Methods in Science <i>PREREQ: SC1102 or SC1109</i> OR SC2209:03 Quantitative Methods in Science – Advanced <i>PREREQ: MA1003 and SC1109 plus 6cp of Level 1 Subjects</i>			Marine Biology Major MB3190:03 Coral Reef Ecology <i>PREREQ: Result of CREDIT or higher in MB2060 or BS2460</i> OR MB3270:03 Coastal, Estuarine and Mangrove Ecosystems (BL3) <i>PREREQ: BS1007 or BZ1007 and (MB2050 or BS2460) and (SC2202 or SC2209 or BS2001 or BZ2001)</i> <i>Face to Face 26.05.2025 – 8.06.2025</i>
	Aquaculture Science and Technology 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>	BLOCK 3 (May-Jun)	BLOCK 4 (Jul-Aug)	Select 3 credit points of any Level 1, 2, 3 or 5 Subjects
	Marine Biology Major MB2050:03 Functional Biology of Marine Organisms <i>PREREQ: BZ1004 or BZ1007 or BS1007 or BZ1006</i>	Aquaculture Science and Technology Major Select 3 credit points of any Level 1, 2, 3 or 5 Subjects	Aquaculture Major AQ3004:03 Aquaculture: Stock Improvement <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> <i>Face to Face 21.07.2025 – 3.08.2025</i> OR 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>	

2028	TRIMESTER 1	TRIMESTER 2		TRIMESTER 3
	Aquaculture Science and Technology 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>	SC3008:03 Professional Placement (TR1, TR2, TR3) <i>PREREQ: 12 credit points of second year subjects. Restricted to students with an approved placement</i> OR SC3003:03 Science Research Internship (TR1, TR2, TR3) <i>PREREQ: 15 credit points of AQ, BC, BS, BZ, CH, EV, EA, MA, MB, PH or SC science level 2 subjects</i> <i>*Students wishing to enrol in SC3003 must have a minimum GPA of 5.5 and a supervisor for their internship.</i>		
	Marine Biology Major BS2470:03 Evolution <i>PREREQ: BZ1001 or BS1001 or BZ1005</i>	BLOCK 3 (May-Jun)	BLOCK 4 (Jul-Aug)	
	Marine Biology Major MB3050:03 Biological Oceanography <i>PREREQ: (BS1007 or BZ1007) and MB2050 and (SC2202 or SC2209 or BS2001 or BZ2001)</i>	Aquaculture Science and Technology Major AQ3015:03 Sustainable Aquaculture <i>PREREQ: 12 Credit points of Level 2 Subjects</i> <i>Face to Face 26.05.2025 – 8.06.2025</i>	Marine Biology Major MB3210:03 Life History and Evolution of Reef Corals (TR1) <i>PREREQ: (SC2202 or SC2209 or BS2001 or BZ2001 or AG2001) and at least a result of CREDIT in MB2060 or BS2460</i> OR MB3160:03 Evolution and Ecology of Reef Fishes <i>PREREQ: MB2050 and (MB2060 or BS2460) and a minimum mark of CREDIT in BS2470 or MB2070 (or MB5070 or equivalent) and Prior Approval</i> <i>Face to Face 21.07.2025 – 3.08.2025</i>	

COURSE HANDBOOK

[Bachelor of Science](#)

[Aquaculture Science and Technology Major](#)

[Marine Biology Major](#)