

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

**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](#)).

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
<b>2026</b>	SC1101:03 Science, Technology and Truth	CH1020:03 Preparatory Chemistry (or any Level 1, 2 or 3 or 5 subject if already satisfied via previous study)	SC1109:03 Modelling Natural Systems-Advanced <i>PREREQ: MA1000 or MA1009</i>
	MA1000:03 Mathematical Foundations <i>PREREQ: MA1020 OR MA0020 OR BR0202 OR High School Senior Mathematics Equivalent</i>	MA1003:03 Mathematical Techniques <i>PREREQ: MA1000 OR MA1011 OR MA1009</i>	<b>Aquaculture Science and Technology Major</b> BS1001:03 Introduction to Biological Processes
	<b>Aquaculture Science and Technology Major</b> BS1007:03 Introduction to Biodiversity		<b>Marine Biology Major</b> Select 3 credit points of <b>List 1 Breadth Subjects</b>

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2027	<p>SC2209:03 Quantitative Methods in Science-Advanced <i>PREREQ: SC1109 and MA1003 plus 6 credit points of Level 1 subjects</i></p>	<p><b>Aquaculture Science and Technology Major</b> AQ3003:03 Aquaculture: Propagation (TR1) <i>PREREQ: AQ2001 and 12 credit points of Level 2 science AQ, BC, BS, BZ, CH, EA, EV, MA, MB, PH, or SC subjects</i></p> <p><b>OR</b> AQ3004:03 Aquaculture: Stock Improvement <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 AQ subjects</i></p>	<p><b>Aquaculture Science and Technology Major</b> MI2031:03 Diagnosis of Bacterial Diseases in Aquaculture</p>
	<p><b>Aquaculture Science and Technology Major</b> 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><b>Marine Biology Major</b> Select 3 credit points of Level 1, 2, 3, or 5 subjects</p>	<p><b>Major Marine Biology Major</b> BS2460:03 Fundamentals in Ecology <i>PREREQ: 6 credit points of Level 1 or 2 BZ/BS or EV subjects</i></p>
	<p><b>Marine Biology Major</b> MB2050:03 Functional Biology of Marine Organisms <i>PREREQ: BZ1004 OR AG1004 OR BZ1007 OR BS1007 OR BZ1006</i></p>		<p><b>Marine Biology Major</b> Select 3 credit points of <b>List 1 Breadth Subjects</b></p>

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
<b>2028</b>	<b>Aquaculture Science and Technology Major</b> BS2470:03 Evolution <i>PREREQ: BZ1001 OR BS1001 OR BZ1005</i>	<b>Aquaculture Science and Technology Major</b> AQ3015:03 Sustainable Aquaculture <i>PREREQ: 12 credit points of Level 2 subjects</i>	SC3008:03 Professional Placement (TR1, TR2, TR3) <i>PREREQ: 12 credit points of second year subjects.</i> <b>OR</b> 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 must source a supervisor for their internship before enrolment</i>
	<b>Aquaculture Science and Technology Major</b> AQ3002:03 Aquaculture: Feeds and Nutrition <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 AQ subjects</i>	<b>Marine Biology Major</b> MB3210:03 Life History and Evolution of Reef Corals (TR1) <i>PREREQ: (SC2202 OR SC2209 OR BS2001 OR BZ2001 OR AG2001)</i> <b>OR</b> MB3160:03 Evolution and Ecology of Reef Fishes <i>PREREQ: MB2050</i>	<b>Marine Biology Major</b> MB3190:03 Coral Reef Ecology (TR3) <b>OR</b> MB3270:03 Coastal, Estuarine and Mangrove Ecosystems <i>PREREQ: BS1007 OR BZ1007 AND (MB2050 OR BS2460) AND (SC2202 OR SC2209 OR BS2001 OR BZ2001)</i>
	<b>Marine Biology Major</b> MB3050:03 Biological Oceanography <i>PREREQ: (BS1007 OR BZ1007) AND MB2050 AND (SC2202 OR SC2209 OR BS2001 OR BZ2001)</i>		Select 3 credit points of subjects from <b>List 1 (Advanced Skills Subjects)</b>

**COURSE HANDBOOK**

[Bachelor of Advanced Science](#)  
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