

Bachelor of Science (Aquaculture Science and Technology)

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			Major BS1001:03 Introduction to Biological Processes
			Elective OR Second Major Subject <i>(Depending on chosen structure)</i>
			Elective subject from List 1 (Breadth Subjects) OR Second Major Subject <i>(Depending on chosen structure)</i>

	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)	MA1020:03 Preparatory Mathematics (or any Level 1, 2, 3 or 5 subject if already satisfied via previous study)	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	Elective subject from List 1 (Breadth Subjects) OR Second Major Subject (Depending on chosen structure)	Major MI2031:03 Diagnosis of Bacterial Diseases in Aquaculture
	Major BS1007:03 Introduction to Biodiversity		Elective OR Second Major Subject (Depending on chosen structure)

^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	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 6 credit points of other Level 1 subjects) or admission in 116409)</i>	Select 3 credit points of List 2 (Skills Subjects)	SC3008:03 Professional Placement (TR1, TR2, TR3) <i>PREREQ: 12 credit points of second year subjects</i> OR SC3003:03 Science Research Internship* (TR1, TR2, TR3) <i>PREREQ: 15 credit points of Science Level 2 subjects plus a GPA of 5.5 or above</i> <i>*Students must source a supervisor for their internship before enrolment</i>
	Major 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>	Elective <i>*Recommend AQ3008:03 Aquatic Life, Environment and Systems</i> OR Second Major Subject (Depending on chosen structure)	Elective <i>*Recommend AQ2002:03 Aquaculture of Tropical Species</i> OR Second Major Subject (Depending on chosen structure)
	Major BS2470:03 Evolution <i>PREREQ: BZ1001 or BS1001 or BZ1005</i>		Elective OR Second Major Subject (Depending on chosen structure)

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2029	<p>Major 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 aquaculture subjects</i></p>	<p>Major AQ3015:03 Sustainable Aquaculture *Intensive on-campus requirements <i>PREREQ: 12 credit points of Level 2 subjects</i></p>	
	<p>Major 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 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>Select 3 credit points of any Level 1, 2, 3 or 5 subjects</p>	
	<p>Elective OR Second Major Subject <i>(Depending on chosen structure)</i></p>		

COURSE HANDBOOK

[Bachelor of Science](#)

[Aquaculture Science and Technology Major](#)