

# Bachelor of Advanced 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](mailto: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			<b>Major</b> BS1001:03 Introduction to Biological Processes
			Elective <b>OR</b> Second Major Subject <i>(Depending on chosen structure)</i>
			Elective <b>OR</b> Second Major Subject <i>(Depending on chosen structure)</i>

		TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2027		SC1101:03 Science, Technology and Truth	MA1000:03 Mathematical Foundations <i>PREREQ: MA1020 OR MA0020 OR BR0202 OR High School Senior Mathematics Equivalent</i>	SC1109:03 Modelling Natural Systems-Advanced <i>PREREQ: MA1000 or MA1009</i>
		CH1020:03 Preparatory Chemistry (any Level 1, 2, 3 or 5 subject if already satisfied via previous study)	Elective <b>OR</b> Second Major Subject (Depending on chosen structure)	MA1003:03 Mathematical Techniques <i>PREREQ: MA1000 OR MA1011 OR MA1009</i>
		<b>Major</b> BS1007:03 Introduction to Biodiversity		<b>Major</b> MI2031:03 Diagnosis of Bacterial Diseases in Aquaculture

		TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2028		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>	<b>Major</b> AQ3015:03 Sustainable Aquaculture <b>*Intensive on-campus requirements</b> <i>PREREQ: 12 credit points of level 2 subjects</i>	Elective <b>OR</b> Second Major Subject (Depending on chosen structure)
		<b>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>	Elective <b>OR</b> Second Major Subject (Depending on chosen structure)	Elective <b>OR</b> Second Major Subject (Depending on chosen structure)
		<b>Major</b> BS2470:03 Evolution <i>PREREQ: BZ1001 OR BS1001 OR BZ1005</i>		Elective <b>OR</b> Second Major Subject (Depending on chosen structure)

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
<b>2029</b>	<p><b>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 aquaculture subjects.</i></p>	<p>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></p>	
	<p><b>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> <b>OR</b> AQ3004:03 Aquaculture: Stock Improvement (TR2) <b>*Intensive on-campus requirements</b> <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 subjects from <a href="#">List 1</a> <b>(Advanced Skill Subjects)</b></p>	
	<p>Elective <b>OR</b> Second Major Subject <i>(Depending on chosen structure)</i></p>		

**COURSE HANDBOOK**

[Bachelor of Advanced Science](#)

[Aquaculture Science and Technology Major](#)