

Bachelor of Science (Aquaculture Science and Technology) & (Zoology and Ecology)

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 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
2026	SC1101:03 Science, Technology and Truth	CH1020:03 Preparatory Chemistry (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>
	Aquaculture Science and Technology Major BS1007:03 Introduction to Biodiversity	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
	Zoology and Ecology Major Select 3 credit points of List 1 Breadth Subjects		Zoology and Ecology Major Select 3 credit points of List 1 Breadth Subjects

[^]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
2027	<p>SC2202:03 Quantitative Methods in Science</p> <p><i>PREREQ: SC1102 or SC1109 or admission to Bachelor of Business and Environmental Science or admission to 116209, 116309 or 116409</i></p> <p>OR</p> <p>SC2209:03 Quantitative Methods in Science-Advanced</p> <p><i>PREREQ: MA1003 and ((SC1109 plus 6 credit points of other Level 1 subjects) or admission in 116409)</i></p>	<p>Elective subject from List 2 (Skills Subjects)</p>	<p>Aquaculture Science and Technology Major</p> <p>MI2031:03 Diagnosis of Bacterial Diseases in Aquaculture</p>
	<p>Aquaculture Science and Technology Major</p> <p>AQ2001:03 Introduction to Aquaculture</p> <p><i>PREREQ: At least 12 credit points of Level 1 science BS, BZ, CH, EA, EV, MA, MB, PH or SC subjects.</i></p>	<p>Zoology and Ecology Major</p> <p>BZ2490:03 Toolkit for the Field Biologist</p> <p><i>PREREQ: SC2202 or SC2209 or SC5202 or SC5502</i></p>	<p>Zoology and Ecology Major</p> <p>BS2460:03 Fundamentals of Ecology</p> <p><i>PREREQ: 6 credit points of level 1 or 2 BZ/BS or EV subjects</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>Zoology and Ecology Major</p> <p>Select 3 credit points of any Level 1, 2, 3 or 5 subjects</p>

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2028	<p>Aquaculture Science and Technology Major</p> <p>AQ3003:03 Aquaculture: Propagation (TR1)</p> <p><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)</p> <p><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></p>	<p>Aquaculture Science and Technology Major</p> <p>AQ3015:03 Sustainable Aquaculture</p> <p><i>PREREQ: 12 credit points of level 2 subjects</i></p>	<p>SC3008:03 Professional Placement (TR1, TR2, TR3)</p> <p><i>PREREQ: Students must have successfully completed 12 second year credit points.</i></p> <p>OR</p> <p>SC3003:03 Science Research Internship (TR1, TR2, TR3)</p> <p><i>PREREQ: Admission to BAdvSc plus 15 credit points of AQ, BC, BS, BZ, CH, EV, EA, MA, MB, PH or SC Science Level 2 subjects. Students not admitted to BAdvSc must have 15 credit points of Science Level 2 subjects plus a GPA of 5.5 or above.</i></p>
	<p>Aquaculture Science and Technology Major</p> <p>AQ3002:03 Aquaculture: Feeds and Nutrition</p> <p><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></p>	<p>Zoology and Ecology Major</p> <p>BZ3745:03 Tropical Entomology (TR2)</p> <p><i>PREREQ: (SC2202 or SC5202 or SC2209 or BZ2001 or BS2001 or AG2001) and (BZ1006 or BS1007 or BZ1007 or ZL1001 or BZ1004 or AG1004)</i></p> <p>OR</p> <p>BZ3061:03 Behavioural Ecology (TR1)</p> <p><i>PREREQ: 6 credit points of Level 2 Science</i></p>	<p>Select 3 credit points of any Level 1, 2, 3 or 5 subjects</p>
	<p>Zoology and Ecology Major</p> <p>BZ3220:03 Population and Community Ecology</p> <p><i>PREREQ: (SC2202 or SC5202 or SC2209 or BS2001 or BZ2001 or AG2001) and (BS2460 or MB2060 or 3 credit points of Level 2 BZ)</i></p>	<p>Zoology and Ecology Major</p> <p>BZ3230:03 Ecological Research Methods (TR2)</p> <p><i>PREREQ: (SC2202 or SC2209 or BS2001 or BZ2001) and (BS2460 or BZ2490 or BZ2440 or BZ2880)</i></p> <p>OR</p> <p>BZ3001:03 Field Studies in the Equatorial Tropics: Borneo (TR2)</p> <p><i>Prior Approval</i></p>	

COURSE HANDBOOK

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