

## Bachelor of Science (Marine Biology) & (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 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			MA1020:03 Preparatory Mathematics (or any Level 1, 2, 3 or 5 subject if already satisfied via previous study)
			<b>Marine Biology Major</b> BS1001:03 Introduction to Biological Processes
			<b>Zoology and Ecology Major</b> Select 3 credit points of <a href="#">List 1</a> ( <b>Breadth Subjects</b> )

	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)	<b>Zoology and Ecology Major</b> Select 3 credit points of <a href="#">List 1 (Breadth Subjects)</a>	SC1102:03 Modelling Natural Systems <i>PREREQ: MA1020 or MA0020 or Senior Mathematics or equivalent</i> <b>OR</b> SC1109:03 Modelling Natural Systems-Advanced <sup>^</sup> <i>PREREQ: MA1000 or MA1009</i>
	SC1101:03 Science, Technology and Truth	<b>Zoology and Ecology Major</b> Select 3 credit points of any Level 1, 2, 3 or 5 subjects	Select 3 credit points of <a href="#">List 2 (Skills Subjects)</a>
	<b>Marine Biology Major</b> BS1007:03 Introduction to Biodiversity		Select 3 credit points of any Level 1, 2, 3 or 5 subjects

<sup>^</sup>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> <b>OR</b> 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>Zoology and Ecology Major</b> BZ2490:03 Toolkit for the Field Biologist <i>*Intensive on-campus requirements</i> <i>PREREQ: SC2202 or SC2209 or SC5202 or SC5502</i>	<b>Marine Biology Major</b> MB3270:03 Coastal, Estuarine and Mangrove Ecosystems (TR2) <i>*Intensive on-campus requirements</i> <i>PREREQ: BS1007 or BZ1007 and (MB2050 or BS2460) and (SC2202 or SC2209 or BS2001 or BZ2001)</i> <b>OR</b> MB3190:03 Coral Reef Ecology (TR3) <i>Prior Approval</i>
	<b>Marine Biology Major</b> BS2470:03 Evolution <i>PREREQ: BZ1001 or BS1001 or BZ1005</i>	<b>Zoology and Ecology Major</b> BZ3061:03 Behavioural Ecology (TR1) <i>PREREQ: 6 credit points of Level 2 Science</i> <b>OR</b> BZ3745:03 Tropical Entomology (TR2) <i>*Intensive on-campus requirements</i> <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>	<b>Marine Biology Major</b> BS2460:03 Fundamentals of Ecology <i>PREREQ: 6 credit points of level 1 or 2 BZ/BS or EV subjects</i>
	<b>Marine Biology Major</b> MB2050:03 Functional Biology of Marine Organisms <i>PREREQ: ZL1001 or BZ1004 or AG1004 or BZ1007 or BS1007 or BZ1006</i>	<b>Zoology and Ecology Major</b> Select 3 credit points of any Level 2, 3 or 5 subjects	

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2029	<p><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>  <i>Prior Approval</i></p> <p><b>OR</b>            MB3160:03 Evolution and Ecology of Reef Fishes (TR2)  <i>*Intensive on-campus requirements</i>  <i>PREREQ: MB2050</i>  <i>Prior Approval</i></p>	<p>SC3008:03 Professional Placement (TR1, TR2, TR3)  <i>PREREQ: 12 credit points of second year subjects</i></p> <p><b>OR</b>            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></p>	
	<p><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></p>	<p><b>Zoology and Ecology Major</b>            BZ3230:03 Ecological Research Methods  <i>*Intensive on-campus requirements</i>  <i>PREREQ: (SC2202 or SC2209 or BS2001 or BZ2001) and (BS2460 or BZ2490 or BZ2440 or BZ2880)</i></p> <p><b>OR</b>            BZ3001:03 Field Studies in the Equatorial Tropics: Borneo  <i>*Intensive on-campus requirements</i>  <i>PREREQ: (SC2202 or SC2209 or BS2001 or BZ2001) and (BS2460 or BZ2490 or BZ2440 or BZ2880)</i>  <i>Prior Approval</i></p>	
	<p><b>Zoology and Ecology Major</b>            BZ3220:03 Population and Community Ecology  <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>		

**COURSE HANDBOOK**

[Bachelor of Science](#)  
[Marine Biology Major](#)  
[Zoology and Ecology Major](#)