

Bachelor of Science (Environmental Earth Science) (Marine Biology)

Useful study planning/enrolment resources:

- [Subject Search](#)
- [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.

The College of Science and Engineering will be offering some subjects in Block 3 and Block 4 (see the [Academic Calendar](#) for Block 3 and 4 dates). International students must maintain enrolment in subjects across the whole Trimester 2 period (May - August) and can do this by enrolling in a combination of Block 3 and Block 4 subjects, and/or Trimester 2 subjects and full-time enrolment load in an academic year.

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2025	SC1101:03 Science Technology and Truth	MA1020:03 Preparatory Mathematics (or any Level 1, 2 or 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</i>
	Environmental Earth Science Major EV1005:03 Environmental Processes and Global Change	CH1020:03 Preparatory Chemistry (or any Level 1, 2 or 3 or 5 subject if already satisfied via previous study)	Environmental Earth Science Major EA1110:03 Evolution of the Earth
	Marine Biology Major BS1007:03 Introduction to Biodiversity		Marine Biology Major BS1001:03 Introduction to Biological Processes

[^]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
2026	Environmental Earth Science Major EA2006:03 Hydrology <i>PREREQ: 9 credit points at Level 1</i>	Elective from List 2 (Skill Subjects) <i>*Recommended - EV2502:03 Introduction to Geographic Information Systems (BLOCK 4)</i>	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</i>
	Marine Biology Major MB2050:03 Functional Biology of Marine Organisms <i>PREREQ: ZL1001 or BZ1004 or AG1004 or BZ1007 or BS1007 or BZ1006</i>	BLOCK 3 (May-Jun) Environmental Earth Science Major EV2401:03 Australian Landscape Processes and Evolution <i>PREREQ: 9 credit points at Level 1</i>	Environmental Earth Science Major EA2404:03 Earth's Climate: Past, Present and Future <i>PREREQ: 9 credit points of Level 1 subjects</i>
	Marine Biology Major BS2470:03 Evolution <i>PREREQ: BZ1001 or BS1001 or BZ1005</i>		Marine Biology Major BS2460:03 Fundamentals of Ecology <i>PREREQ: 6 credit points of Level 1 or 2 BZ/BS or EV subjects</i>

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3	
2027	Environmental Earth Science Major EA3207:03 Soil Properties and Processes <i>PREREQ: 9 credit points of Level 1 subjects</i>	Select 3 credit points of any Level 1, 2, 3 or 5 subjects	SC3008:03 Professional Placement (TR1, TR2, TR3) <i>PREREQ: 12 credit points of second year subjects. Restricted to students with an approved placement</i> OR 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 and a GPA of 5.5</i> <i>*Students must source a supervisor for their internship before enrolment</i>	
	Marine Biology Major MB3050:03 Biological Oceanography <i>PREREQ: (BS1007 or BZ1007) and MB2050 and (SC2202 or SC2209 or BS2001 or BZ2001)</i>	BLOCK 3 (May-Jun)	Environmental Earth Science Major EA3007:03 Field Studies in Tropical Land and Water Science <i>PREREQ: 9 credit points of Level 1 subjects including EA2006</i>	Environmental Earth Science Major EV3401:03 Coastal and Catchment Geomorphology <i>PREREQ: 9 credit points at Level 1</i>
	Marine Biology Major MB3210:03 Life History and Evolution of Reef Corals (TR1) <i>PREREQ: (SC2202 or SC2209 or BS2001 or BZ2001 or AG2001) and at least a result of CREDIT in MB2060 or BS2460</i> OR MB3160:03 Evolution and Ecology of Reef Fishes (BLOCK 4) <i>PREREQ: MB2050 and (MB2060 or BS2460) and a minimum mark of CREDIT in BS2470 or MB2070 (or MB5070 or equivalent) Prior Approval</i>	Marine Biology Major MB3270:03 Wetland and Estuarine Ecosystems (BLOCK 3) <i>PREREQ: BS1007 or BZ1007 and (MB2050 or BS2460) and (SC2202 or SC2209 or BS2001 or BZ2001)</i> OR MB3190:03 Coral Reef Ecology (TR3) <i>PREREQ: Result of CREDIT or higher in MB2060 or BS2460</i>		

COURSE HANDBOOK

[Bachelor of Science](#)

[Environmental Earth Science Major](#)

[Marine Biology Major](#)