

Bachelor of Science (Marine Biology) Townsville – 2020 Beginning of Year Entry

Teaching Period 1, 2020		Teaching Period 2, 2020	
Study Period 1	First Major Subject BS1007 :03 Introduction to Biodiversity	Study Period 2	First Major Subject BS1001 :03 Introduction to Biological Processes
Study Period 1	SC1101 :03 Science, Technology and Truth	Study Period 2	SC1102 :03 Modelling Natural Systems PREREQ: MA1020 or Senior Mathematics or equivalent OR SC1109 :03 Modelling Natural Systems-Advanced PREREQ: MA1000 or MA1009, allow concurrent enrolment for MA1009
Study Period 1	Select 3 credit points of subjects from List 1 (Breadth Subjects)	Study Period 2	Select 3 credit points of subjects from List 1 (Breadth Subjects)
Study Period 1	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)	Study Period 2	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)
Teaching Period 1, 2021		Teaching Period 2, 2021	
Study Period 1	First Major Subject BS2470 :03 Evolution PREREQ: BZ1001 or BS1001 or BZ1005	Study Period 2	First Major Subject BS2460 :03 Fundamentals of Ecology PREREQ: 6 credit points of level 1 or 2 BZ/BS or EV subjects
Study Period 1	First Major Subject MB2050 :03 Functional Biology of Marine Organisms PREREQ: ZL1001 or BZ1004 or AG1004 or BZ1007 or BS1007 or BZ1006	Study Period 2	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)
Study Period 1	SC2202 :03 Quantitative Methods in Science PREREQ: 6 credit points of Level 1 subjects OR SC2209 :03 Quantitative Methods in Science-Advanced PREREQ: SC1109 and MA1003 plus 6 credit points of other Level 1 subjects	Study Period 2	Select 3 credit points of subjects from List 2 (Skills Subjects)
Study Period 1	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)	Study Period 2	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)

Teaching Period 1, 2022		Teaching Period 2, 2022	
Study Period 1	First Major Subject MB3050 :03 Biological Oceanography PREREQ: (BS1007 or BZ1007) and MB2050 and (SC2202 or SC2209 or BS2001 or BZ2001)	Study Period 2	First Major Subject MB3190 :03 Coral Reef Ecology PREREQ: Credit or better in MB2060 or BS2460 OR MB3270 :03 Coastal, Estuarine and Mangrove Ecosystems PREREQ: BS1007 or BZ1007 or MB2050 or SC2202 or SC2209 or BS2001 or BZ2001
Study Period 1	First Major Subject MB3210 :03 Life History and Evolution of Reef Corals PREREQ: (SC2202 or SC2209 or BS2001 or AG2001) and at least a result of Credit in MB2060 or BS2460 OR MB3160 :03 Evolution and Ecology of Reef Fishes PREREQ: MB2050 and (MB2060 or BS2460) and a minimum of credit in BS2470 or MB2070 (or MB5070 or equivalent)	Study Period 1/2	SC3008 :03 Professional Placement PREREQ: Students must have successfully completed 12 second year credit points and be enrolled in their final year of study within the College of Science and Engineering
Study Period 1	SC3010 :03 Sensors and Sensing for Scientists PREREQ: BZ2001 or SC2202 or SC2209	Study Period 2	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)
Study Period 1	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)	Study Period 2	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)

ADDITIONAL COURSE REQUIREMENTS

Applicants who have not completed high school intermediate level Mathematics B (or equivalent) must select [MA1020](#): Preparatory Mathematics as part of their study plan to successfully complete the Bachelor of Science.

[CH1020](#): Preparatory Chemistry may also need to be selected, depending on the major. Students must familiarise themselves with the subjects needed to complete their chosen major.

Students should undertake the above subject/s in block mode where available and be aware that restrictions may apply to electives if they wish to complete in the normal three (3) year timeframe. These preparatory subjects typically start earlier than the standard course commencement date. Contact JCU on 1800 246 446 for more information.

POST ADMISSION REQUIREMENTS

Some majors require attendance at block mode or limited attendance subjects on either the Townsville or Cairns campus. If students must attend block-mode classes at a campus other than the one they are enrolled at, they are responsible for their own expenses.

COURSE PROGRESSION REQUIREMENTS

Must successfully complete 18 credit points of Level 1 and 2 science subjects before attempting any Level 3 science subject

SPECIAL ADMISSION REQUIREMENTS

The first year of study may be completed in Cairns.

Not permitted as a double major with Aquaculture Science and Technology or Zoology and Ecology however students may select these as minors (see Table B).

ADDITIONAL INFORMATION

[Bachelor of Science course handbook](#)

[Marine Biology major handbook](#)