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# Bachelor of Science (Marine Biology) – Townsville
# 2020 Mid Year Entry – Standard Stream (MA1020 not required)

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| | | **Teaching Period 2, 2020** | |
| | | Study Period 2 | SC1102:03 Modelling Natural Systems<br>**PREREQ: MA1020 or Senior Mathematics or equivalent**<br>**OR**<br>SC1109:03 Modelling Natural Systems-Advanced<br>**PREREQ: MA1000 or MA1009** |
| | | Study Period 2 | **First Major Subject**<br>BS1001:03 Introduction to Biological Processes |
| | | Study Period 2 | Select 3 credit points of subjects from List 1 (Breadth Subjects) |
| | | 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 | SC1101:03 Science, Technology and Truth | Study Period 2 | **First Major Subject**<br>BS2460:03 Fundamentals of Ecology<br>**PREREQ: 6 credit points of level 1 or 2 BZ/BS or EV subjects** |
| Study Period 1 | **First Major Subject**<br>BS1007:03 Introduction to Biodiversity | Study Period 2 | Select 3 credit points of subjects from List 2 (Skills Subjects) |
| Study Period 1 | Select 3 credit points of subjects from List 1 (Breadth Subjects) | 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) |
| **Teaching Period 1, 2022** | | **Teaching Period 2, 2022** | |
| Study Period 1 | SC2202:03 Quantitative Methods in Science<br>**PREREQ: 6 credit points of Level 1 subjects**<br>**OR**<br>SC2209:03 Quantitative Methods in Science-Advanced<br>**PREREQ: SC1109 and MA1003 plus 6 credit points of other Level 1 subjects** | Study Period 2 | **First Major Subject**<br>MB3190:03 Coral Reef Ecology<br>**PREREQ: Credit or better in MB2060 or BS2460**<br>**OR**<br>MB3270:03 Coastal, Estuarine and Mangrove Ecosystems<br>**PREREQ: BS1007 or BZ1007 or MB2050 or SC2202 or SC2209 or BS2001 or BZ2001** |
| Study Period 1 | **First Major Subject**<br>MB2050:03 Functional Biology of Marine Organisms<br>**PREREQ: BZ1004 or BZ1007 or BS1007 or BZ1006** | Study Period 2 | SC3008:03 Professional Placement<br>**PREREQ: 12 credit points of Level 2 subjects and enrolment in final year of study** |
| Study Period 1 | **First Major Subject**<br>BS2470:03 Evolution<br>**PREREQ: BZ1001 or BS1001 or BZ1005** | 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) |

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| Teaching Period 1, 2023 | |
|---|---|
| Study Period 1 | SC3010:03 Sensors and Sensing for Scientists<br>**PREREQ: BZ2001 or SC2202 or SC2209** |
| Study Period 1 | **First Major Subject**<br>MB3210:03 Life History and Evolution of Reef Corals<br>**PREREQ: (SC2202 or SC2209 or BS2001 or AG2001) and at least a result of Credit in MB2060 or BS2460**<br>**OR**<br>MB3160:03 Evolution and Ecology of Reef Fishes<br>**PREREQ: MB2050 and (MB2060 or BS2460) and a minimum of credit in BS2470 or MB2070** |
| Study Period 1 | **First Major Subject**<br>MB3050:03 Biological Oceanography<br>**PREREQ: (BS1007 or BZ1007) and MB2050 and (SC2202 or SC2209 or BS2001 or BZ2001)** |
| Study Period 1 | 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

JAMES COOK UNIVERSITY AUSTRALIA

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