

Bachelor of Science (Aquaculture Science and Technology)

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 AQ2001 :03 Introduction to Aquaculture PREREQ: At least 12 credit points of Level 1 Science BZ,CH,EA,EV,MA,MB,PH or SC subjects	Study Period 2	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)
Study Period 1	First Major Subject BS2470 :03 Evolution PREREQ: BZ1001 or BS1001 or BZ1005	Study Period 2	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)
Study Period 1	First Major Subject MI2031 :03 Marine Microbiology	Study Period 2	Select 3 credit points of subjects from List 2 (Skills Subjects)
Study Period 1	SC2202 :03 Quantitative Methods in Science PREREQ: 6cp 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	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)

Teaching Period 1, 2022		Teaching Period 2, 2022	
Study Period 3	First Major Subject AQ3015 :03 Sustainable Aquaculture PREREQ: 12cp of Level 2 subjects	Study Period 7/10	First Major Subject AQ3003 :03 Aquaculture: Propagation PREREQ: At least 12cp of Level 2 Science AQ,BC,BZ,CH,EA,EV,MA,MB or PH subjects OR AQ3004 :03 Aquaculture: Stock Improvement PREREQ: At least 12cp of Level 2 AQ,BC,BZ,CH,EA,EV,MA,MB or PH Science subjects and 3cp of Level 2 Aquaculture subjects
Study Period 1	First Major Subject AQ3002 :03 Aquaculture: Feeds and Nutrition PREREQ: At least 12 credit points of level 2 AQ,BC,BZ,BS,CH,EA,EV,MA,MB or PH Science subjects and 3cp of level 2 aquaculture subjects	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 Marine Biology or Zoology and Ecology however students may select these as minors (see Table B)

ADDITIONAL INFORMATION

[Bachelor of Science course handbook](#)

[Aquaculture Science and Technology major handbook](#)