

Bachelor of Science (Aquaculture Science and Technology) - Cairns 2020 Mid Year Entry - Standard Stream (MA1020 not required)

**The first year of study can be completed in Cairns. Students will complete their
Second and Third year subjects in Townsville.**

		Teaching Period 2, 2020	
	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	
	Study Period 2	First Major Subject BZ1005 :03 Introductory Ecology	
	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	Select 3 credit points of subjects from List 2 (Skills Subjects)
Study Period 1	First Major Subject BZ1006 :03 Diversity of Life	Study Period 2	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)
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 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 7/10	First Major Subject AQ3003 :03 Aquaculture: Propagation PREREQ: AQ2001 and 12 credit points of Level 2 Science AQ,BC,BZ,CH,EA,EV,MA,MB or PH subjects OR AQ3004 :03 Aquaculture: Stock Improvement PREREQ: 12 credit points of Level 2 AQ,BC,BZ,CH,EA,EV,MA,MB or PH subjects (must include 3 credit points of Level 2 AQ subjects)
Study Period 1	First Major Subject AQ2001 :03 Introduction to Aquaculture PREREQ: 12 credit points of Level 1 Science BZ,CH,EA,EV,MA,MB,PH or SC subjects	Study Period 2	SC3008 :03 Professional Placement PREREQ: 12 credit points of Level 2 subjects and enrolment in final year of study
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 Diagnosis of Bacterial Diseases in Aquaculture	Study Period 2	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)

Teaching Period 1, 2023	
Study Period 3	First Major Subject AQ3015 :03 Sustainable Aquaculture PREREQ: 12 credit points of Level 2 subjects
Study Period 1	First Major Subject AQ3002 :03 Aquaculture: Feeds and Nutrition PREREQ: 12 credit points of level 2 AQ, BC, BZ, BS, CH, EA, EV, MA, MB or PH Science subjects and 3 credit points of level 2 AQ subjects
Study Period 1	SC3010 :03 Sensors and Sensing for Scientists PREREQ: BZ2001 or SC2202 or SC2209
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.

The Aquaculture Science and Technology major is 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](#)