

Bachelor of Advanced Science (Aquaculture Science and Technology) Townsville– 2020 Beginning of Year Entry

Teaching Period 1, 2020		Teaching Period 2, 2020	
Study Period 1	SC1101 :03 Science, Technology and Truth	Study Period 2	SC1109 :03 Modelling Natural Systems-Advanced PREREQ: MA1000 or MA1009
Study Period 1	MA1000 :03 Mathematical Foundations PREREQ: MA1020 or Mathematics B or Mathematics C	Study Period 2	MA1003 :03 Mathematical Techniques PREREQ: MA1000 or MA1011 or MA1009
Study Period 1	First Major Subject BS1007 :03 Introduction to Biodiversity	Study Period 2	First Major Subject BS1001 :03 Introduction to Biological
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	SC2209 :03 Quantitative Methods in Science-Advanced PREREQ: SC1109 and MA1003 plus 6cp of other Level 1 subjects	Study Period 2	Select 3 credit points of subjects from List 1 (Skill subjects)
Study Period 1	First Major Subject AQ2001 :03 Introduction to Aquaculture PREREQ: At least 12cp 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 BZ2470 :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	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	SC3003:03 Science Research Internship PREREQ: 15cp of AQ, BC, BZ, CH, EV, EA, MA, MB or PH science level 2 subjects OR 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 2	Select 3 credit points of subjects from List 2 (Advanced Skill Subjects)
Study Period 1	First Major Subject AQ3002:03 Aquaculture: Feeds and Nutrition PREREQ: At least 12cp of Level 2 AQ, BC, BZ, BS, BZ, CH, EA, EV, MA, MB or PH Science subjects and 3cp of Level 2 Aquaculture subjects. Assumed Knowledge: Should have completed SC2202 or SC2209 and AQ2001 or equivalent. A basic background in Chemistry is highly recommended	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)

PROFESSIONAL ACCREDITATION STATUS

The Physics major for the Bachelor of Advanced Science will be seeking accreditation by the Australian Institute of Physics (AIP) in 2019. Once accredited, graduates will be automatically eligible for membership of the Australian Institute of Physics.

The Chemistry major for this course is accredited by the Royal Australian Chemical Institute (RACI). Graduates will be eligible for non-corporate membership of RACI and, with an additional three years' experience in chemistry, may be eligible to register as a Chartered Chemist with Corporate Membership of RACI.

ADDITIONAL COURSE RULES

- A maximum of 30 credit points may be taken at level 1.
- A minimum of 18 credit points of science subjects must be taken at level 3 or higher.
- Students may seek permission to enrol in more than one level 5 subject.

COURSE PROGRESSION REQUISITES

Should successfully complete 18 credit points of level 2 science subjects before attempting any level 5 science subject.

ADDITIONAL INFORMATION

- [Bachelor of Advanced Science course handbook](#)
- [Aquaculture Science and Technology major handbook](#)