

Bachelor of Science (Zoology and Ecology) 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 7	First Major Subject BZ2490 :03 Toolkit for the Field Biologist PREREQ: ZL1001 or BZ1004 or AG1004 or BZ1006 or BZ1007 or BS1007
Study Period 1	Select 3 credit points of subjects from List 2 (Skills Subjects)	Study Period 2	First Major Subject BS2460 :03 Fundamentals of Ecology PREREQ: 6cp of Level 1 or 2 BZ/BS or EV subjects
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	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	SC3010 :03 Sensors and Sensing for Scientists PREREQ: BZ2001 or SC2202 or SC2209	Study Period 2	First Major Subject BZ3061 :03 Behavioural Ecology PREREQ: 9cp of Level 2 Science
Study Period 1	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)	Study Period 2	First Major Subject BZ3220 :03 Population and Community Ecology PREREQ: (SC2202 or SC2209 or BS2001 or BZ2001 or AG2001) and (BS2460 or MB2060 or 3cp of Level 2 BZ)
Study Period 1	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)	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	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)	Study Period 10	First Major Subject BZ3230 :03 Ecological Research Methods PREREQ: (SC2202 or SC2209 or BS2001 or BZ2001) and (BS2460 or BZ2440 or BZ2880) OR BZ3001 :03 Field Studies in the Equatorial Tropics: Borneo PREREQ: Prior Approval

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 REQUISITES

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

SPECIAL ASSESSMENT REQUIREMENTS

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

ADDITIONAL INFORMATION

[Bachelor of Science course handbook](#)
[Zoology and Ecology major handbook](#)