

## Bachelor of Advanced Science (Zoology and Ecology) – Cairns - 2020 Beginning of Year Entry

Teaching Period 1, 2020		Teaching Period 2, 2020	
<a href="#">Study Period 1</a>	<a href="#">SC1101</a> :03 Science, Technology and Truth	<a href="#">Study Period 2</a>	<a href="#">SC1109</a> :03 Modelling Natural Systems-Advanced PREREQ: MA1000 or MA1009, allow concurrent enrolment for MA1009
<a href="#">Study Period 1</a>	<a href="#">MA1000</a> :03 Mathematical Foundations PREREQ: MA1020 or Mathematics B or Maths C	<a href="#">Study Period 2</a>	<a href="#">MA1003</a> :03 Mathematical Techniques PREREQ: MA1000 or MA1011 or MA1009
<a href="#">Study Period 1</a>	<b>First Major Subject</b> <a href="#">BZ1006</a> :03 Diversity of Life	<a href="#">Study Period 2</a>	<b>First Major Subject</b> <a href="#">BZ1005</a> :03 Introductory Ecology
<a href="#">Study Period 1</a>	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)	<a href="#">Study Period 2</a>	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)
Teaching Period 1, 2021		Teaching Period 2, 2021	
<a href="#">Study Period 1</a>	<a href="#">SC2209</a> :03 Quantitative Methods in Science-Advanced PREREQ: SC1109 and MA1003 plus 6cp of other Level 1 subjects	<a href="#">Study Period 2</a>	<b>First Major Subject</b> <a href="#">BZ2490</a> :03 Toolkit for the Field Biologist PREREQ: ZL1001 or BZ1004 or AG1004 or BZ1006 or BZ1007 or BS1007
<a href="#">Study Period 1</a>	<b>First Major Subject</b> <a href="#">BZ2820</a> :03 Evolutionary Biology PREREQ: BZ1005 or BZ1001 or BS1001	<a href="#">Study Period 2</a>	Select 3 credit points of subjects from <a href="#">List 1 (Skill subjects)</a>
<a href="#">Study Period 1</a>	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)	<a href="#">Study Period 2</a>	<b>First Major Subject</b> <a href="#">BZ2880</a> :03 Ecology: Distribution, Abundance and Diversity PREREQ: BZ1005, or 6cp of BZ or EV or EA Level 1 subjects
<a href="#">Study Period 1</a>	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)	<a href="#">Study Period 2</a>	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)

Teaching Period 1, 2022		Teaching Period 2, 2022	
<a href="#">Study Period 3</a>	<b>First Major Subject</b> <b>BZ3745:03 Tropical Entomology</b> PREREQ: SC2202 or SC2209 or BZ2001 or BS2001 or AG2001, and BZ1006 or BS1007 or BZ1007 or ZL1001 or BZ1004 or AG1004	<a href="#">Study Period 2</a>	Select 3 credit points of subjects from <a href="#">List 2 (Advanced Skill Subjects)</a>
<a href="#">Study Period 1/2</a>	<b>SC3003:03 Science Research Internship</b> PREREQ: 15cp of AQ,BC,BZ,CH,EV,EA,MA,MB or PH Science Level 2 subjects <b>OR</b> <b>SC3008:03 Professional Placement</b> 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	<a href="#">Study Period 2</a>	<b>First Major Subject</b> <b>BZ3225:03 Technological Applications in Ecology</b> PREREQ: SC2202 or SC2209 or BZ2001 or BS2001, and BS2460 or BZ2440 or BZ2880 or BS2470 or BZ2420 or BZ2480 or MB2060
<a href="#">Study Period 1</a>	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)	<a href="#">Study Period 2</a>	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)
<a href="#">Study Period 1</a>	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)	<a href="#">Study Period 2/10</a>	<b>First Major Subject</b> <b>BZ3230:03 Ecological Research Methods</b> PREREQ: SC22202 or SC2209 or BS2001 or BZ2001, and BS2460 or BZ2440 or BZ2880 <b>OR</b> <b>BZ3001:03 Field Studies in the Equatorial Tropics: Borneo</b> <b>Assumed Knowledge:</b> Students enrolling in this subject must have a good background in Biology, experimental design and Ecology. They will have completed a statistics equivalent to SC2202/SC2209 Quantitative Methods in Science AND an Ecology subject equivalent to BS2460 Ecology

#### 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](#)
- [Zoology and Ecology major handbook](#)