

## Bachelor of Science (Zoology and Ecology) - Cairns 2020 Mid Year Entry - Standard Stream (MA1020 not required)

| Teaching Period 1, 2021        |   | Teaching Period 2, 2021          |   |
|--------------------------------|---|----------------------------------|---|
| <a href="#">Study Period 1</a> | <a href="#">SC1101</a> :03 Science, Technology and Truth  | <a href="#">Study Period 7</a>   | <b>First Major Subject</b><br><a href="#">BZ2490</a> :03 Toolkit for the Field Biologist<br>PREREQ: BZ1004 or BZ1006 or BZ1007 or BS1007  |
| <a href="#">Study Period 1</a> | <b>First Major Subject</b><br><a href="#">BZ1006</a> :03 Diversity of Life  | <a href="#">Study Period 2</a>   | <b>First Major Subject</b><br><a href="#">BZ2880</a> :03 Ecology: Distribution, Abundance and Diversity<br>PREREQ: BZ1005 or 6 credit points of Level 1 BZ, EV or EA subjects   |
| <a href="#">Study Period 1</a> | Select 3 credit points of subjects from <a href="#">List 1 (Breadth Subjects)</a>   | <a href="#">Study Period 2</a>   | Select 3 credit points of subjects from <a href="#">List 2 (Skills 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>   | Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)   |
| Teaching Period 1, 2022        |   | Teaching Period 2, 2022          |   |
| <a href="#">Study Period 1</a> | <a href="#">SC2202</a> :03 Quantitative Methods in Science<br>PREREQ: 6 credit points of Level 1 subjects<br><b>OR</b><br><a href="#">SC2209</a> :03 Quantitative Methods in Science-Advanced<br>PREREQ: SC1109 and MA1003 plus 6 credit points of other level 1 subjects | <a href="#">Study Period 2/3</a> | <b>First Major Subject</b><br><a href="#">BZ3061</a> :03 Behavioural Ecology<br>PREREQ: 9 credit points of Level 2 Science subjects<br><b>OR</b><br><a href="#">BZ3745</a> :03 Tropical Entomology<br>PREREQ: SC2202 or SC2209 and BZ1006 or BS/BZ1007  |
| <a href="#">Study Period 1</a> | <b>First Major Subject</b><br><a href="#">BZ2820</a> :03 Evolutionary Biology<br>PREREQ: BZ1001 or BS1001 or BZ1005   | <a href="#">Study Period 2</a>   | <b>First Major Subject</b><br><a href="#">BZ3225</a> :03 Technological Applications in Ecology<br>PREREQ: SC2202 or SC2209 and BS2460 or BZ2880 or BS2470   |
| <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 10</a>  | <b>First Major Subject</b><br><a href="#">BZ3230</a> :03 Ecological Research Methods<br>PREREQ: SC2202 or SC2209 and BS2460 or BZ2880<br><b>OR</b><br><a href="#">BZ3001</a> :03 Field Studies in the Equatorial Tropics: Borneo<br>PREREQ: Prior Approval<br>Subject may not be available every year |

| Teaching Period 2, 2020        |  |
|--------------------------------|--|
| <a href="#">Study Period 2</a> | <a href="#">SC1102</a> :03 Modelling Natural Systems<br>PREREQ: MA1020 or Senior Mathematics or equivalent<br><b>OR</b><br><a href="#">SC1109</a> :03 Modelling Natural Systems-Advanced<br>PREREQ: MA1000 or MA1009 |
| <a href="#">Study Period 2</a> | <b>First Major Subject</b><br><a href="#">BZ1005</a> :03 Introductory Ecology  |
| <a href="#">Study Period 2</a> | Select 3 credit points of subjects from <a href="#">List 1 (Breadth Subjects)</a>  |
| <a href="#">Study Period 2</a> | Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)  |

| <b>Teaching Period 1, 2023</b> |  |
|--------------------------------|--|
| <a href="#">Study Period 1</a> | <b>SC3010:03</b> Sensors and Sensing for Scientists<br>PREREQ: BZ2001 or SC2202 or SC2209                                    |
| <a href="#">Study Period 1</a> | <b>SC3008:03</b> Professional Placement<br>PREREQ: 12 credit points of Level 2 subjects and enrolment in final year of study |
| <a href="#">Study Period 1</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)  |

### 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](#)