

# Bachelor of Science (Zoology and Ecology) & (Environmental Earth Science)

Useful study planning/enrolment resources:

- [Subject Search](#)
- [Academic Calendars](#)
- [Class Registration](#)
- [Enrolment Resources](#)

The information in the study planner is current at the time of creation may be subject to future change.

**Attention International Student visa holders:** To remain compliant with your enrolments requirements as a Student visa holder you are required to enrol in at least one On-Campus, Multi-Modal or WIL subject offering in each compulsory study period and you cannot enrol in more than one third (33%) of your total course load through online or distance learning. To complete your course within your CoE duration students must maintain sufficient subject enrolment.

If there are only Online subject offerings for you to select in a compulsory study period, contact [enrolments@jcu.edu.au](mailto:enrolments@jcu.edu.au) urgently for enrolment advice.

The College of Science and Engineering will be offering some subjects in Block 3 and Block 4 (see the [Academic Calendar](#) for Block 3 and 4 dates). International students must maintain enrolment in subjects across the whole Trimester 2 period (May - August) and can do this by enrolling in a combination of Block 3 and Block 4 subjects, and/or Trimester 2 subjects and full-time enrolment load in an academic year.

|      | TRIMESTER 1 | TRIMESTER 2 | TRIMESTER 3  |
|------|-------------|-------------|--|
| 2025 |             |             | MA1020:03 Preparatory Mathematics<br>(or any Level 1, 2 or 3 or 5 subject if already satisfied via previous study)<br><i>Cairns students must enrol online</i> |
|      |             |             | <b>Zoology and Ecology Major</b><br>BS1001:03 Introduction to Biological Processes   |
|      |             |             | <b>Environmental Earth Science Major</b><br>EA1110:03 Evolution of the Earth   |

|      | TRIMESTER 1   | TRIMESTER 2  | TRIMESTER 3   |
|------|---|--|---|
| 2026 | SC1101:03 Science, Technology and Truth   | CH1020:03 Preparatory Chemistry<br>(or any Level 1, 2 or 3 or 5 subject if already satisfied via previous study) | SC1102:03 Modelling Natural Systems<br><i>PREREQ: MA1020 or MA0020 or Senior Mathematics or equivalent</i><br><b>OR</b><br>SC1109:03 Modelling Natural Systems – Advanced^<br><i>PREREQ: MA1000 or MA1009</i> |
|      | <b>Zoology and Ecology Major</b><br>BS1007:03 Introduction to Biodiversity                      | Select 3 credit points of any Level 1, 2, 3 or 5 Subjects  | <b>Zoology and Ecology Major</b><br>BS2460:03 Fundamentals of Ecology<br><i>PREREQ: 6 credit points of Level 1 or 2 BZ/BS or EV subjects</i>  |
|      | <b>Environmental Earth Science Major</b><br>EV1005:03 Environmental Processes and Global Change |  | <b>Environmental Earth Science Major</b><br>EA2404:03 Earth's Climate: Past, Present and Future<br><i>PREREQ: 12 credit points of Level 1 subjects</i>  |

^Note: SC1109 is compulsory in the Advanced BSc Program and should be taken instead of SC1102 if you are considering that pathway.

| 2027 | TRIMESTER 1  | TRIMESTER 2  |                      | TRIMESTER 3   |
|------|--|--|----------------------|---|
|      | SC2202:03 Quantitative Methods in Science<br><i>PREREQ: SC1102 or SC1109</i><br><b>OR</b><br>SC2209:03 Quantitative Methods in Science-Advanced<br><i>PREREQ: MA1003 and SC1109 plus 6 credit points of other Level 1 subjects</i> |  |                      | SC3008:03 Professional Placement (TR1, TR2, TR3)<br><i>PREREQ: 12 credit points of second year subjects. Restricted to students with an approved placement</i><br><b>OR</b><br>SC3003:03 Science Research Internship (TR1, TR2, TR3)<br><i>PREREQ: 15 credit points of AQ, BC, BS, BZ, CH, EV, EA, MA, MB, PH or SC science level 2 subjects</i><br><i>*Students wishing to enrol in SC3003 must have a minimum GPA of 5.5 and a supervisor for their internship.</i> |
|      |  | BLOCK 3<br>(May-Jun)   | BLOCK 4<br>(Jul-Aug) |   |
|      | <b>Zoology and Ecology Major</b><br>BS2470:03 Evolution<br><i>PREREQ: BZ1001 or BS1001 or BZ1005</i>   | <b>Zoology and Ecology Major</b><br>BZ2490:03 Toolkit for the Field Biologist<br><i>PREREQ: SC2202 or SC2209</i><br><i>Face to Face 9.06.2025 – 22.06.2025</i>   |                      | <b>Environmental Earth Science Major</b><br>EV3401:03 Coastal and Catchment Geomorphology<br><i>PREREQ: 9 credit points of Level 1 subjects</i>   |
|      | <b>Environmental Earth Science Major</b><br>EA2006:03 Hydrology<br><i>PREREQ: 9 credit points at Level 1</i>   | <b>Environmental Earth Science Major</b><br>EV2401:03 Australian Landscape Processes and Evolution<br><i>PREREQ: 9 credit points of Level 1 subjects</i><br><i>Face to Face 26.05.2025 – 8.06.2025</i> |                      | Elective from <a href="#">List 2</a> (Skill Subjects)   |

| 2028 | TRIMESTER 1  | TRIMESTER 2   |  | TRIMESTER 3 |
|------|--|---|--|-------------|
|      | <b>Zoology and Ecology Major</b><br>BZ3061:03 Behavioural Ecology<br><i>PREREQ: 6 credit points of Level 2 science subjects</i><br><b>OR</b><br>BZ3745:03 Tropical Entomology (BL3)<br><i>PREREQ: (SC2202 or SC5202 or SC2209 or BZ2001 or BS2001 or AG2001) and (BZ1006 or BS1007 or BZ1007 or ZL1001 or BZ1004 or AG1004)</i><br><i>Face to Face 12.05.2025 – 25.05.2025</i> |   |  |             |
|      |  | BLOCK 3<br>(May-Jun)  | BLOCK 4<br>(Jul-Aug)   |             |
|      |  | <b>Environmental Earth Science Major</b><br>EA3007:03 Field Studies in Tropical Land and Water Science<br><i>PREREQ: 9 credit points of Level 1 subjects including EA2006</i><br><i>Face to Face 9.06.2025 – 22.06.2025</i> | <b>Zoology and Ecology Major</b><br>BZ3230:03 Ecological Research Methods<br><i>PREREQ: SC2202 or SC2209 or BS2001 or BZ2001 and (BS2460 or BZ2490 or BZ2440 or BZ2880)</i><br><i>Face to Face 4.08.2025 – 17.08.2025</i><br><b>OR</b><br>BZ3001:03 Field Studies in the Equatorial Tropics: Borneo<br><i>PREREQ: Prior Approval</i><br><i>Face to Face 4.08.2025 – 17.08.2025</i> |             |
|      | <b>Zoology and Ecology Major</b><br>BZ3220:03 Population and Community Ecology<br><i>PREREQ: (SC2202 or SC5202 or SC2209 or BS2001 or BZ2001 or AG2001) and (BS2460 or MB2060 or 3 credit points of Level 2 BZ)</i>  |   |  |             |
|      | <b>Environmental Earth Science Major</b><br>EA3207:03 Soil Properties and Processes for Science<br><i>PREREQ: 9 credit points at Level 1</i>   |   |  |             |

## COURSE HANDBOOK

[Bachelor of Science](#)

[Zoology and Ecology Major](#)

[Environmental Earth Science Major](#)