

Bachelor of Science (Earth Science) – Cairns

2020 Mid Year Entry – Enabling Stream (MA1020 required)

Teaching Period 2, 2020	
Study Period 2	Major Subject EA1110 :03 Evolution of the Earth
Study Period 2	Select 3 credit points of subjects from List 1 (Breadth Subjects)
Study Period 2	Minor Subject/Elective Subject
Study Period 2	Minor Subject/Elective Subject
Teaching Period 1, 2021	
Study Period 3/1	MA1020 :03 Preparatory Mathematics
Study Period 1	SC1101 :03 Science, Technology and Truth
Study Period 1	Major Subject EV1005 :03 Environmental Processes and Global Change
Study Period 1	Select 3 credit points of subjects from List 1 (Breadth Subjects)
Teaching Period 2, 2021	
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
Study Period 2	Select 3 credit points of subjects from List 2 (Skills Subjects)
Study Period 2	Minor Subject/Elective Subject
Study Period 2	Minor Subject/Elective Subject
Teaching Period 1, 2022	
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 1	Major Subject EV2401 :03 Australian Landscape Processes and Evolution PREREQ: 12 credit points of Level 1 subjects
Study Period 1/2	Major Subject EA2220 :03 Minerals and Magmas PREREQ: EA1110 and 9 credit points of level 1 AN, AR,BZ,EV,MA,MB,PH,SC (BU1004 or BU1104) subjects OR EA2404 :03 From Icehouse to Greenhouse PREREQ: 12 credit points of Level 1 subjects
Study Period 1	Major Subject EA2006 :03 Hydrology PREREQ: At least 12 credit points at Level 1
Teaching Period 2, 2022	
Study Period 2	SC3008 :03 Professional Placement PREREQ: 12 credit points of Level 2 subjects and enrolment in final year of study
Study Period 2	Major Subject EA3110 :03 Sedimentology and Stratigraphy PREREQ: EA1110
Study Period 2	Major Subject EA3207 :03 Soil Properties and Processes for Science
Study Period 2	Minor Subject/Elective Subject

Teaching Period 1, 2023	
Study Period 1	SC3010 :03 Sensors and Sensing for Scientists PREREQ: BZ2001 or SC2202 or SC2209
Study Period 1	Major Subject EA3210 :03 Structural Geology and Tectonics PREREQ: EA1110
Study Period 1	Minor Subject/Elective Subject
Study Period 1	Minor Subject/Elective Subject

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 REQUIREMENTS

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

ADDITIONAL INFORMATION

[Bachelor of Science course handbook](#)

[Earth Science major handbook](#)