

## Bachelor of Science (Earth Science) – 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="#">SC1102</a> :03 Modelling Natural Systems PREREQ: MA1020 or Senior Mathematics or equivalent <b>OR</b> <a href="#">SC1109</a> :03 Modelling Natural Systems-Advanced PREREQ: MA1000 or MA1009, allow concurrent enrolment for MA1009
<a href="#">Study Period 1</a>	<b>First Major Subject</b> <a href="#">EV1005</a> :03 Environmental Processes and Global Change	<a href="#">Study Period 2</a>	<b>First Major Subject</b> <a href="#">EA1110</a> :03 Evolution of the Earth
<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 1 (Breadth 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, 2021		Teaching Period 2, 2021	
<a href="#">Study Period 1</a>	<b>First Major Subject</b> <a href="#">EA2006</a> :03 Hydrology PREREQ: At least 12 credit points at Level 1	<a href="#">Study Period 2</a>	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)
<a href="#">Study Period 1</a>	<b>First Major Subject</b> <a href="#">EV2401</a> :03 Australian Landscape Processes and Evolution PREREQ: At least 12 credit points of Level 1 subjects	<a href="#">Study Period 2</a>	Select 3 credit points of subjects from <a href="#">List 2 (Skills Subjects)</a>
<a href="#">Study Period 1/2</a>	<b>First Major Subject</b> <a href="#">EA2220</a> :03 Minerals and Magmas PREREQ: EA1110 plus 9 credit points of level 1 AN,AR,BZ,EV,MA,MB,PH,SC (BU1004 or BU1104) subjects <b>OR</b> <a href="#">EA2404</a> :03 From Icehouse to Greenhouse PREREQ: At least 12 credit points of Level 1 subjects	<a href="#">Study Period 2</a>	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)
<a href="#">Study Period 1</a>	<a href="#">SC2202</a> :03 Quantitative Methods in Science PREREQ: 6cp of Level 1 subjects <b>OR</b> <a href="#">SC2209</a> :03 Quantitative Methods in Science-Advanced PREREQ: SC1109 and MA1003 plus 6 credit points of other level 1 subjects	<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>	<b>First Major Subject</b> <a href="#">EA3210</a> :03 Structural Geology and Tectonics PREREQ: EA1110	<a href="#">Study Period 2</a>	<b>First Major Subject</b> <a href="#">EA3207</a> :03 Soil Properties and Processes for Science
<a href="#">Study Period 1</a>	<a href="#">SC3010</a> :03 Sensors and Sensing for Scientists PREREQ: BZ2001 or SC2202 or SC2209	<a href="#">Study Period 2</a>	<b>First Major Subject</b> <a href="#">EA3110</a> :03 Sedimentology and Stratigraphy PREREQ: EA1110
<a href="#">Study Period 1</a>	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)	<a href="#">Study Period 2</a>	<a href="#">SC3008</a> :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)
<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)

### 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](#)