

Bachelor of Science (Data Science) – 2019 Mid Year Entry

First Year

Teaching Period 1, 2019		Teaching Period 2, 2019	
		Study Period 2	First Major Subject MA1000 :03 Mathematical Foundations PREREQ: MA1020 or Maths B or C or CP1404 :03 Programming II PREREQ: CP1801 or CP1401 or CP1200 or EG1002 or CP2200
		Study Period 2	Select 3 credit points of subjects from List 1 (Breadth Subjects)
		Study Period 2	SC1102 :03 Modelling Natural Systems PREREQ: MA1020 or Senior Mathematics or equivalent or SC1109 :03 Modelling Natural Systems-Advanced PREREQ: MA1000
		Study Period 2	MA1580 :03 Foundations of Data Science PREREQ: MA1000 or MA1020 or Maths B
Teaching Period 1, 2020		Teaching Period 2, 2020	
Study Period 1	SC1101 :03 Science: Nature, Knowledge and Understanding	Study Period 2	First Major Subject MA2405 :03 Advanced Statistical Modelling PREREQ: MA1401 or BZ2001 or MA2401 or SC2202 or SC2209
Study Period 1	First Major Subject Select 3 credit points of subjects from List 1	Study Period 2	Select 3 credit points of subjects from List 2 (Skill Subjects)
Study Period 1	Select 3 credit points of subjects from List 1 (Breadth Subjects)	Study Period 2	First Major Subject Select 3 credit points of subjects from List 1
Study Period 1	Select a subject from either a second major, a minor, or elective group	Study Period 2	Select a subject from either a second major, a minor, or elective group

ADDITIONAL REQUIREMENTS (e.g. post admission)

Applicants who have not completed high school intermediate Mathematics B (or equivalent) must select [MA1020](#): Preparatory Mathematics as part of their study plan to successfully complete the Bachelor of Science.

The information provided is designed to provide helpful information on your study plan. Changes to subject information after this time may affect your study plan. Please refer to the [enrolment resources](#) for up to date information.

[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.

Some majors require attendance at block mode or limited attendance subjects on either 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.

[Bachelor of Science course handbook](#)

[Data Science major handbook](#)