

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

First Year

Teaching Period 1, 2019		Teaching Period 2, 2019	
	Study Period 2	First Major Subject MA1580 :03 Foundations of Data Science PREREQ: MA1000 or MA1020 or Maths B	
	Study Period 2	MA1000 :03 Mathematical Foundations PREREQ: MA1020 or Maths B or C	
	Study Period 2	Select 3 credit points of subjects from List 1 (Skill Subjects) Recommend: CP1401 :03 Fundamentals of Problem Solving and Programming I	
	Study Period 2	Select a subject from either a second major, a minor, or elective group	
Teaching Period 1, 2020		Teaching Period 2, 2020	
Study Period 3	MA1003 :03 Mathematical Techniques PREREQ: MA1000 or MA1011	Study Period 2	SC1109 :03 Modelling Natural Systems-Advanced PREREQ: MA1000
Study Period 1	SC1101 :03 Science: Nature, Knowledge and Understanding	Study Period 2	First Major Subject Select 3 credit points of subjects from List 1
Study Period 1	First Major Subject CP1404 :03 Programming II PREREQ: CP1801 or CP1401 or CP1200 or EG1002 or CP2200	Study Period 2	Select a subject from either a second major, a minor, or elective group
Study Period 1	First Major Subject Select 3 credit points of subjects from List 1	Study Period 2	Select a subject from either a second major, a minor, or elective group

ADDITIONAL REQUIREMENTS (e.g. post admission)

JCU students who have completed the first year of the BSc (including receiving a pass result in SC1109: Modelling Natural Systems-Advanced) and who have a GPA greater than 5.5 (excluding MA1020, CH1020 and PH1001) may apply to transfer to the Bachelor of Advanced Science.

Students who do not have Chemistry to Year 12 and wish to undertake the Chemistry major or the Molecular and Cell Biology major will be required to undertake the preparatory subject, [CH1020](#): Preparatory Chemistry in the first year of student.

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.

Students should undertake this subject 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.

[Bachelor of Advanced Science course handbook](#)

[Data Science Major handbook](#)