

Bachelor of Science (Chemistry) – 2020 Beginning of Year Entry

Teaching Period 1, 2020		Teaching Period 2, 2020	
Study Period 1	SC1101 :03 Science: Nature, Knowledge and Understanding	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, allow concurrent enrolment for MA1009
Study Period 1	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)	Study Period 2	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)
Study Period 1	Select 3 credit points of subjects from List 1 (Breadth Subjects)	Study Period 2	Select 3 credit points of subjects from List 1 (Breadth Subjects)
Study Period 1	First Major Subject CH1001 :03 Chemistry: A Central Science PREREQ: CH1020 or EG1010 or High School Senior Chemistry	Study Period 2	First Major Subject CH1002 :03 Chemistry: Principles and Applications PREREQ: CH1001 or CH1011 and allow concurrent for CH1011 and CH1001
Teaching Period 1, 2021		Teaching Period 2, 2021	
Study Period 1	First Major Subject CH2210 :03 Syntheses and Mechanism in Inorganic Chemistry PREREQ: CH1001, CH1002	Study Period 2	First Major Subject CH2310 :03 Syntheses and Mechanism in Organic Chemistry PREREQ: CH1001, CH1002
Study Period 1	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)	Study Period 2	First Major Subject CH2103 :03 Analytical Chemistry PREREQ: CH1001 or CH1011
Study Period 1	Select 3cp credit points of subjects from List 2 (Skills Subjects)	Study Period 2	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)
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	Study Period 2	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)
Teaching Period 1, 2022		Teaching Period 2, 2022	
Study Period 1	First Major Subject CH3310 :03 Special Topics in Organic Chemistry PREREQ: CH2310	Study Period 2	First Major Subject CH3110 :03 Special Topics in Analytical Chemistry PREREQ: CH2103
Study Period 1	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)	Study Period 2	First Major Subject CH3210 :03 Applications of Inorganic Chemistry PREREQ: CH2210
Study Period 1	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)	Study Period 1/2	SC3008 :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
Study Period 1	SC3010 :03 Sensors and Sensing for Scientists PREREQ: BZ2001 or SC2202 or SC2209	Study Period 2	Second Major Subject/Minor Subject/Elective Subject (depending on chosen structure)

PROFESSIONAL ACCREDITATION STATUS

The chemistry major is currently accredited with the Royal Australian Chemical Institute (RACI) and we are currently in the process of renewing this accreditation. Graduates will be eligible for non-corporate membership of the RACI, and with 3 years additional experience in Chemistry, may be eligible to register as a Chartered Chemist with corporate membership of the RACI

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

SPECIAL ADMISSION REQUIREMENTS

Students undertaking this Major will have successfully completed senior Chemistry and Maths B or equivalent, or will need to complete preparatory subject/s within this course structure

Not available for mid-year entry

ADDITIONAL INFORMATION

[Bachelor of Science course handbook](#)
[Chemistry major handbook](#)