

## Bachelor of Advanced Science (Molecular and Cell Biology) – 2019 Mid Year Entry

### First Year

Teaching Period 1, 2019		Teaching Period 2, 2019	
		<a href="#">Study Period 2</a>	<b>First Major Subject</b> <b>BS1001:03</b> Introduction to Biological Processes
		<a href="#">Study Period 2</a>	<b>MA1000:03</b> Mathematical Foundations <b>PREREQ: MA1020 or Maths B or C</b>
		<a href="#">Study Period 2</a>	Select a subject from either a second major, a minor, or elective group
		<a href="#">Study Period 2</a>	Select a subject from either a second major, a minor, or elective group
Teaching Period 1, 2020		Teaching Period 2, 2020	
<a href="#">Study Period 3</a>	<b>MA1003:03</b> Mathematical Techniques <b>PREREQ: MA1000 or MA1011</b>	<a href="#">Study Period 2</a>	<b>SC1109:03</b> Modelling Natural Systems-Advanced <b>PREREQ: MA1000</b>
<a href="#">Study Period 1</a>	<b>SC1101:03</b> Science: Nature, Knowledge and Understanding	<a href="#">Study Period 2</a>	<b>First Major Subject</b> <b>BC2023:03</b> Molecular Genetics <b>PREREQ: 18 credit points of level 1 subjects, incl. BM1000</b>
<a href="#">Study Period 1</a>	<b>First Major Subject</b> <b>BM1000:03</b> Introduction to Biochemistry and Microbiology	<a href="#">Study Period 2</a>	<b>First Major Subject</b> <b>BC2024:03</b> Cell Regulation <b>PREREQ: 18 credit points of level 1 subjects, incl. BM1000</b>
<a href="#">Study Period 1</a>	Select a subject from either a second major, a minor, or elective group	<a href="#">Study Period 2</a>	Select 3 credit points of subjects from <b>List 1 (Skill Subjects)</b>

### ADDITIONAL REQUIREMENTS (e.g. post admission)

Students undertaking this Major will have successfully completed senior Chemistry or equivalent, or will need to complete the preparatory Chemistry subject within this course structure.

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.

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 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.

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](#)

[Molecular and Cell Biology Major handbook](#)