

## Bachelor of Biomedical Science (Molecular and Cell Biology) – 2021 Beginning of Year Entry

Teaching Period 1, 2021		Teaching Period 2, 2021	
<a href="#">Study Period 1</a>	<a href="#">BM1000</a> :03 Introductory Biochemistry and Microbiology PREREQ: CH1020 or Senior Chemistry	<a href="#">Study Period 2</a>	<a href="#">BM1004</a> :03 Anatomy: Structure and Movement
<a href="#">Study Period 1</a>	<a href="#">BM1001</a> :03 Introduction to Biomedicine	<a href="#">Study Period 2</a>	<a href="#">CH1002</a> :03 Chemistry: Principles and Applications PREREQ: CH1001 or CH1011 and Allow Concurrent FOR CH1011 and CH1001
<a href="#">Study Period 1</a>	<a href="#">BM1002</a> :03 Anatomy: Principles and Systems	<a href="#">Study Period 2</a>	<b>First Major Subject</b> <a href="#">BM1003</a> :03 Biomedicine in the Tropics
<a href="#">Study Period 1</a>	<a href="#">CH1001</a> :03 Chemistry: A Central Science PREREQ: CH1020 or EG1010 or High School Senior Chemistry or admission to 71510 or 116910 or 70309 Assumed Knowledge: It is assumed that students undertaking this subject will have successfully completed Maths B, or will have completed MA1020 prior to enrolment.	<a href="#">Study Period 2</a>	<b>First Major Subject</b> <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
Teaching Period 1, 2022		Teaching Period 2, 2022	
<a href="#">Study Period 1</a>	<b>First Major Subject</b> <a href="#">SC2202</a> :03 Quantitative Methods in Science PREREQ: 6 credit points 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>	<a href="#">MI2021</a> :03 Introductory Infectious Diseases and Immunobiology PREREQ: MI2011 or MI2031 or BM1000 or BS1001 and at least 18 credit points of level 1 subjects
<a href="#">Study Period 1</a>	<a href="#">BC2013</a> :03 Principles of Biochemistry PREREQ: BM1000 and at least 18 credit points of level 1 subjects	<a href="#">Study Period 2</a>	<a href="#">PP2201</a> :03 Medical Physiology 2 PREREQ: At least 18 credit points of level 1 subjects
<a href="#">Study Period 1</a>	<a href="#">MI2011</a> :03 Microbial Diversity PREREQ: BM1000 or BZ1001 and at least 18 credit points of level 1 subjects	<a href="#">Study Period 2</a>	<b>First Major Subject</b> <a href="#">BC2023</a> :03 Molecular Genetics PREREQ: BM1000 and at least 18 credit points of level 1 subjects
<a href="#">Study Period 1</a>	<a href="#">PP2101</a> :03 Medical Physiology 1 PREREQ: At least 18 credit points of level 1 subjects	<a href="#">Study Period 2</a>	<b>First Major Subject</b> <a href="#">BC2024</a> : 03 Cell Biology PREREQ: BM1000 and at least 18 credit points of level 1 subjects

Teaching Period 1, 2023		Teaching Period 2, 2023	
<a href="#">Study Period 1</a>	<a href="#">BC3101</a> :03 Genes, Genomes and Development PREREQ: BC2023	<a href="#">Study Period 2</a>	<b>First Major Subject</b> <a href="#">BC3201</a> :03 Bioengineering PREREQ: BC2013 and BC2023 Assumed Knowledge: BC3101 and BC3102 strongly recommended
<a href="#">Study Period 1</a>	<a href="#">MI3021</a> :03 Clinical Microbiology PREREQ: MI2021 or PC2201	<a href="#">Study Period 2</a>	<b>First Major Subject</b> <a href="#">BC3203</a> :03 Bioinformatics PREREQ: SC2202 or SC2209 or MA2405 or BZ2001 or (BC3101 and HS2402)
<a href="#">Study Period 1</a>	<a href="#">PP3101</a> :03 Advanced and Integrated Physiology PREREQ: BC2013 and PP2101 and PP2201	<a href="#">Study Period 2</a>	<b>First Major Subject</b> Select 3 credit points of specified elective subjects from <a href="#">list 1</a>
<a href="#">Study Period 1</a>	<b>First Major Subject</b> <a href="#">BC3102</a> :03 Molecular Basis of Disease PREREQ: BC2013 and BC2024	<a href="#">Study Period 2</a>	<b>First Major Subject</b> Select 3 credit points of specified elective subjects from <a href="#">list 1</a>

### POST ADMISSION REQUIREMENTS

This course may have specific admission requirements such as immunisation, a Suitability to Work with Children Card, a federal police check and/or other conditions that students must comply with. Students must complete all professional experience placement requirements by the prescribed deadlines and maintain currency of these requirements in order to stay admitted in the course.

You will find your course requirements here:

<https://www.jcu.edu.au/professional-experience-placement/preparation-checklists>

### ADDITIONAL INFORMATION

[Bachelor of Biomedical Science course handbook](#)  
[Molecular and Cell Biology major handbook](#)