

Bachelor of Biomedical Science (Molecular and Cell Biology) [IHCAP] – 2021 Beginning of Year Entry

Teaching Period 1, 2021		Teaching Period 2, 2021	
Study Period 3/1	MA1020 :03 Preparatory Mathematics	Study Period 2	CH1020 :03 Preparatory Chemistry Assumed Knowledge: If you have a high achievement or better in Senior Chemistry it is not recommended that you enrol in this subject.
Study Period 1	CU1010 :03 Effective Writing	Study Period 1/2	IA1011 :03 Indigenous Australians OR IA1012 : 03 Indigenous People of North Queensland
Study Period 1	BM1001 :03 Introduction to Biomedicine	Study Period 2	First Major Subject BM1003 :03 Biomedicine in the Tropics
Teaching Period 1, 2022		Teaching Period 2, 2022	
Study Period 1	BM1000 :03 Introductory Biochemistry and Microbiology PREREQ: CH1020 or Senior Chemistry	Study Period 2	BM1004 :03 Anatomy: Structure and Movement
Study Period 1	BM1002 :03 Anatomy: Principles and Systems	Study Period 2	CH1002 :03 Chemistry: Principles and Applications PREREQ: CH1001 or CH1011 and Allow Concurrent for CH1011 and CH1001
Study Period 1	CH1001 :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.	Study Period 2	First Major Subject SC1102 :03 Modelling Natural Systems PREREQ: MA1020 or Senior Mathematics or equivalent OR SC1109 :03 Modelling Natural Systems – Advanced PREREQ: MA1000 or MA1009
Teaching Period 1, 2023		Teaching Period 2, 2023	
Study Period 1	BC2013 :03 Principles of Biochemistry PREREQ: BM1000 and at least 18 credit points of level 1 subjects	Study Period 2	MI2021 :03 Introductory Infectious Diseases and Immunobiology PREREQ: MI2011 or MI2031 or BM1000 or BS1001 and at least 18 credit points of level 1 subjects
Study Period 1	MI2011 :03 Microbial Diversity PREREQ: BM1000 or BZ1001 and at least 18 credit points of level 1 subjects	Study Period 2	PP2201 :03 Medical Physiology 2 PREREQ: At least 18 credit points of level 1 subjects
Study Period 1	PP2101 :03 Medical Physiology 1 PREREQ: At least 18 credit points of level 1 subjects	Study Period 2	First Major Subject BC2024 : 03 Cell Biology PREREQ: BM1000 and at least 18 credit points of level 1 subjects
Study Period 1	First Major Subject SC2202 :03 Quantitative Methods in Science PREREQ: 6 credit points of level 1 subjects OR SC2209 :03 Quantitative Methods in Science – Advanced PREREQ: SC1109 and MA1003 plus 6 credit points of other Level 1 subjects	Study Period 2	First Major Subject BC2023 :03 Molecular Genetics PREREQ: BM1000 and at least 18 credit points of level 1 subjects

Teaching Period 1, 2024		Teaching Period 2, 2024	
Study Period 1	BC3101 :03 Genes, Genomes and Development PREREQ: BC2023	Study Period 2	First Major Subject BC3201 :03 Bioengineering PREREQ: BC2013 and BC2023 Assumed Knowledge: BC3101 and BC3102 strongly recommended
Study Period 1	MI3021 :03 Clinical Microbiology PREREQ: MI2021 or PC2201	Study Period 2	First Major Subject BC3203 :03 Bioinformatics PREREQ: SC2202 or SC2209 or MA2405 or BZ2001
Study Period 1	PP3101 :03 Advanced and Integrated Physiology PREREQ: BC2013 and PP2101 and PP2201	Study Period 2	First Major Subject Select 3 credit points of specified elective subjects from list 1
Study Period 1	First Major Subject BC3102 :03 Molecular Basis of Disease PREREQ: BC2013 and BC2024	Study Period 2	First Major Subject Select 3 credit points of specified elective subjects from list 1

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>

SPECIAL ADMISSION REQUIREMENTS

Nominate with QTAC as Aboriginal and/or Torres Strait Islander

ADDITIONAL INFORMATION

[Bachelor of Biomedical Science \[ICHAP\] course handbook](#)

[Molecular and Cell Biology major handbook](#)