

Bachelor of Biomedical Sciences

Course Code: 116910

Campus: Townsville

Credit points: 72 Credit Points

*Subject has a pre-req

Molecular and Cell Biology Major

YEAR 1 Full Time

Teaching Period 1 – Complete the following 4 subjects

BM1001 Introduction to Biomedicine	3 CP
BM1000 Introductory Biochemistry and Microbiology	3 CP
BM1002 Anatomy: Principles and Systems	3 CP
CH1001 Chemistry: A Central Science	3 CP

Teaching Period 2 – Complete the following 4 subjects

BM1004 Anatomy: Structure and Movement	3 CP
*CH1002 Chemistry: Principles and Applications (CH1001 or CH1011 AND ALLOW CONCURRENT FOR CH1011 and CH1001)	3 CP
*SC1102 Modelling Natural Systems (MA1020) or *SC1109 Modelling Natural Systems – Advanced (MA1000 or MA1009)	3 CP
BS1001 Introduction to Biological Processes	3 CP

YEAR 2

Teaching Period 1 – Complete the following 4 subjects

*BC2013 Principles of Biochemistry (BM1000)	3 CP
*MI2011 Microbial Diversity (BM1000 or BZ1001)	3 CP
PP2101 Medical Physiology I	3 CP
SC2202 Quantitative Methods in Science or SC2209 Quantitative Methods in Science - Advanced	3 CP

Teaching Period 2– Complete the following 4 subjects

*MI2021 Introductory Infectious Diseases and Immunobiology (MI2011 or MI2031 or BM1000 or BZ1001)	3 CP
PP2201 Medical Physiology 2	3 CP
*BC2023 Molecular Genetics (BM1000)	3 CP
*BC2024 Cell Biology (BM1000)	3 CP

YEAR 3

Teaching Period 1– Complete the following 4 subjects

*BC3101 Genes, Genomes and Development (BC2023)	3 CP
*MI3021 Clinical Microbiology (MI2021 or PC22011)	3 CP
*PP3101 Advanced and Integrated Physiology (BC2013 and PP2101 and PP2201)	3 CP
*BC3102 Molecular Basis of Disease (BC2013 and BC2024)	3 CP

Teaching Period 2– Complete the following 4 subjects

*BC3203 Bioinformatics (SC1102 and SC2202 or SC1109 and SC2209)	3 CP
*BC3201 Bioengineering (BC2013 and BC2023)	3 CP
Select 6 credit points of specified elective subjects from List 1: *MI3051 Mechanisms of Infectious Diseases (MI3021 or MI3421) MI3071: Molecular Analysis of Tropical Microbes *PP3251 Systemic Pathophysiology and Therapeutics (PP2101 and PP2201) *PP3252 Neuropharmacology (BC2024 and PP2101 and PP2201) BM3000 Advanced Projects in Biomedicine	6 CP