

## Bachelor of Biomedical Sciences

**Course Code:** 116910

**Campus:** Townsville

**Credit points:** 72 Credit Points

\*Subject has a pre-req

### Microbiology and Immunology 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
BM1003 Biomedicine in the Tropics	3 CP
HS1401 Health and Health Care in Australia	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
BM2001 Epidemiology	3 CP

Teaching Period 2 – Complete the following 4 subjects

*MI2021 Introductory Infectious Diseases and Immunobiology (MI2011 O MI2031 O BM1000 O 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 O PC22011)	3 CP
*PP3101 Advanced and Integrated Physiology (BC2013 A PP2101 A PP2201)	3 CP
*MI3061 Advanced Immunobiology (MI2021 O MI2011 O PC2201)	3 CP

Teaching Period 2 – Complete the following 4 subjects

*MI3051 Mechanisms of Infectious Diseases (MI3021 OR MI3421)	3 CP
MI3071 Molecular Analysis of Tropical Microbes	3 CP
Select 6 credit points of specified elective subjects	6 CP
*MI3031 Aquatic Microbial Pathobiology (MI2031 O MI2011 O MI2021 O BM1000 O BZ1001 O PC2201)	
*BC3201 Bioengineering (BC2013 AND BC2023)	
*PP3251 Systemic Pathophysiology and Therapeutics (PP2101 AND PP2201)	
*PP3252 Neuropharmacology (BC2024 and PP2101 and PP2201)	
BM3000 Advanced Projects in Biomedicine	