

## Bachelor of Biomedical Sciences

Course Code: 116910

Campus: Townsville

Credit points: 72 Credit Points

\*Subject has a pre-req

### Medicinal and Pharmaceutical Sciences Major

#### YEAR 1 Part Time

Teaching Period 1 – Complete the following 2 subjects

|   |      |
|---|------|
| BM1001 Introduction to Biomedicine                | 3 CP |
| BM1000 Introductory Biochemistry and Microbiology | 3 CP |

Teaching Period 2 – Complete the following 2 subjects

|   |      |
|---|------|
| BM1004 Anatomy: Structure and Movement    | 3 CP |
| HS1401 Health and Healthcare in Australia | 3 CP |

#### YEAR 2

Teaching Period 1 – Complete the following 2 subjects

|  |      |
|--|------|
| BM1002 Anatomy: Principles and Systems | 3 CP |
| CH1001 Chemistry: A Central Science    | 3 CP |

Teaching Period 2 – Complete the following 2 subjects

|  |      |
|--|------|
| *CH1002 Chemistry: Principles and Applications (CH1001 OR CH1011 AND ALLOW CONCURRENT FOR CH1011 AND CH1001) | 3 CP |
| BM1003 Biomedicine in the Tropics  | 3 CP |

#### YEAR 3

Teaching Period 1 – Complete the following 2 subjects

|  |      |
|--|------|
| *BC2013 Principles of Biochemistry (BM1000)    | 3 CP |
| *MI2011 Microbial Diversity (BM1000 or BZ1001) | 3 CP |

Teaching Period 2– Complete the following 2 subjects

|  |      |
|--|------|
| *MI2021 Introductory Infectious Diseases and Immunobiology (MI2011 O MI2031 O BM1000 O BZ1001) | 3 CP |
| PP2201 Medical Physiology 2  | 3 CP |

#### YEAR 4

Teaching Period 1 – Complete the following 2 subjects

|                             |      |
|-----------------------------|------|
| PP2101 Medical Physiology I | 3 CP |
| BM2001 Epidemiology         | 3 CP |

Teaching Period 2– Complete the following 2 subjects

|                                     |      |
|-------------------------------------|------|
| *BC2023 Molecular Genetics (BM1000) | 3 CP |
| *PP2150 Chemical Pharmacology       | 3 CP |

## YEAR 5

Teaching Period 1– Complete the following 2 subjects

|  |      |
|--|------|
| *BC3101 Genes, Genomes and Development (BC2023)                          | 3 CP |
| *MI3021 Clinical Microbiology (MI2021 O PC22011)                         | 3 CP |
| *CH3403 Medicinal Chemistry and Pharmaceutical Analysis (CH1001, CH1002) | 3 CP |

Teaching Period 2– Complete the following 2 subjects

|   |      |
|---|------|
| CH3040 Advanced Medicinal Chemistry                                   | 3 CP |
| *CH3320 Synthesis and mechanism in organic Chemistry (CH1001, CH1002) | 3 CP |

## YEAR 6

Teaching Period 1– Complete the following 2 subjects

|  |      |
|--|------|
| *PP3101 Advanced and Integrated Physiology (BC2013 A PP2101 A PP2201)    | 3 CP |
| *CH3403 Medicinal Chemistry and Pharmaceutical Analysis (CH1001, CH1002) | 3 CP |

Teaching Period 2– Complete the following 2 subjects

|   |      |
|---|------|
| *PP3251 Systematic Pathophysiology and Therapeutics (PP2101 and PP2201) | 3 CP |
| BM3000 Advanced Projects in Biomedicine                                 | 3 CP |