Bachelor of Biomedical Sciences - Bachelor of Laboratory Medicine

Molecular and Cell Biology

2027 ENTRY

Useful study planning / Enrolment resources

Course and Subject Handbook	Academic Calendars	Class Registration	Enrolment Resources

Attention International Student visa holders: To remain compliant with enrolment requirements as a Student visa holder, you are required to enrol in at least one On-Campus, Multi-Modal or WIL subject offering in each compulsory study period and you cannot enrol in more than one third (33%) of your total course load through online or distance learning. To complete your course within your CoE duration, maintain sufficient subject enrolment. If only Online subject offerings are available in a compulsory study period, contact enrolments@jcu.edu.au urgently for enrolment advice.

How to read this planner

PREREQ Prerequisite information **ONLINE** Online offering **PLACEMENT** Placement requirement

2027

TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
BM1110:03 Molecules to Microbes	BM1201:03 Energy Metabolism: Powering Life **PREREQ:** Senior chemistry or equivalent, allow concurrent enrolment in CH1020	BM1300:03 Genes and Health
BM1210:03 Structure to Function: Cells to Systems	BM1310:03 Structure to Function: Control and Movement **PREREQ:** BM1110	SC1102:03 Modelling Natural Systems **PREREQ:** MA1020 or MA0020 or Senior Mathematics or equivalent
HS2402:03 Health Professional Research 1 **PREREQ:** At least 12 credit points of level one subjects or admission to 117110 Bachelor of Biomedical Sciences-Bachelor of Laboratory Medicine	CH1001:03 Chemistry: The Central Science **PREREQ:** BR0301, CH1020, CH0020 or EG1010 or High School Senior Chemistry or admission to 71510 or 116910 or 70309 or 108209 or 70809 or 71809 or 115309 or 119209 or 117110.	BM2330:03 Cell Biology: Signaling & Regulation **PREREQ:** Minimum 18 credit points of Level 1 subjects including BM1110 or BM1000 or BS1001

2028

TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
BM2110:03 Medical Physiology 1 **PREREQ:** At least 18 credit points of level 1 subjects	BM2210:03 Medical Physiology 2 **PREREQ:** At least 18 credit points of level 1 subjects	BM2310:03 Drugs: Triggering System Responses **PREREQ:** BM1201
BM2120:03 Microbial Diversity **PREREQ:** BM1110	BM2230:03 DNA to Proteins **PREREQ:** Minimum 18 credit points of Level 1 subjects including BM1110 or BM1300 or BM1000 or BS1001	**Major** BM2220:03 Infection and Immunity **PREREQ:** At least 18 credit points of level 1 or 2 subjects including BM2120 or BM1110 or BS1001 or BS1007
BM3100:03 Professional Practice, Laboratory Management and Quality Assurance	BM3220:03 The Immune System: Function, Disorders and Disease **PREREQ:** BM2120	**Major** BM2331:03 Bioinformatics I: Decoding DNA **PREREQ:** BM1110 or BS1001 **OR** CH1002:03 Chemistry: Principles and Applications **PREREQ:** CH1001 or CH1011 and allow concurrent for CH1011 and CH1001

2029

TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
BM3111:03 Pathophysiology and Therapeutics 1 **PREREQ:** BM2210	BM3210:03 Pathophysiology and Therapeutics 2 **PREREQ:** BM2210	BM4101:09 Integrative Pathology: Haematology, Chemical Pathology and Transfusion Medicine **PREREQ:** BM3210 and BM3320 **PLACEMENT:** 300 Hours
BM3120:03 Medical Microbiology 1 **PREREQ:** BM2220 or BM2210	BM3320:03 Medical Microbiology 2 **PREREQ:** BM3120	
Major BM3130:03 Genes, Genomes and Development **PREREQ:** BM2230 **OR** BM3230:03 Molecular Basis of Disease **PREREQ:** BM1201 or BC2013 and BM2330 or BC2024	**Major** BM3332:03 Advanced Projects in Biomedicine **PREREQ:** BM3000 **OR** BM3330:03 Synthetic Biology and Bioengineering **PREREQ:** BM1201 or BC2013 and BM2230 or BC2023	

2030

TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
BM4102:09 Advanced Integrative Pathology: Haematology, Chemical Pathology and Clinical Practice **PREREQ:** BM3210 and BM3320 **PLACEMENT:** 300 Hours	BM4103:06 Advanced Clinical Practice in Laboratory Medicine **PREREQ:** BM4101 or BM4102 **PLACEMENT:** 300 Hours	

Course Notes

Placement - Due to placement availability, students may be required to do up to 300 hours of placement in this subject. This will be recorded and make up a cumulative total of 560 hours over the entire degree (placement available in BM4101, BM4102 and BM4103).

Course Handbook

Bachelor of Biomedical Sciences - Bachelor of Laboratory Medicine	Molecular and Cell Biology Major

Tip: Use this planner with the Course and Subject Handbook each enrolment period to confirm availability, prerequisites and campus/mode requirements.

Award Title	Bachelor of Biomedical Sciences - Bachelor of Laboratory Medicine
Abbreviation	BBiomedSc-BLabMed
Credit Points	96
AQF Level	Level 7 – Bachelor Degree
Location	Townsville Bebegu Yumba
Division	Academy
College	College of Medicine and Dentistry
Expected Time to Complete	3 years and 2 trimester
Maximum Time to Complete	8 years and 1 trimester
Maximum Leave of Absence	1 year
CRICOS Code	121154J