

Bachelor of Biomedical Sciences (Bioinformatics)

Useful study planning/enrolment resources:

[Course and Subject Handbook](#)

[Academic Calendars](#)

[Class Registration](#)

[Enrolment Resources](#)

The information in the study planner is current at the time of creation may be subject to future change.

Attention International Student visa holders: To remain compliant with your enrolments 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 students must maintain sufficient subject enrolment.

If there are only Online subject offerings for you to select in a compulsory study period, contact enrolments@jcu.edu.au urgently for enrolment advice.

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2026	BM1110:03 Molecules to Microbes	CH1001:03 Chemistry: The Central Science <i>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</i>	BM1300:03 Genes and Health
	CH1020:03 Preparatory Chemistry (or Select 3 credit points of subjects from List 1 if Chemistry recommended knowledge has been met)	BM1201:03 Energy Metabolism: Powering Life <i>PREREQ: Senior chemistry or equivalent, allow concurrent enrolment in CH1020</i>	BM1310:03 Structure to Function: Control and Movement <i>PREREQ: BM1110</i>
	MA1020:03 Preparatory Mathematics (or Select 3 credit points of subjects from List 1 if Mathematics Methods recommended knowledge has been met)	BM1210:03 Structure to Function: Cells to Systems	SC1102:03 Modelling Natural Systems <i>PREREQ: MA1020 or MA0020 or Senior Mathematics or equivalent</i> OR SC1109:03 Modelling Natural Systems-Advanced <i>PREREQ: MA1000 or MA1009</i>

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2027	BM2110:03 Medical Physiology 1 <i>PREREQ: At least 18 credit points of level 1 subjects</i>	BM2210:03 Medical Physiology 2 <i>PREREQ: At least 18 credit points of level 1 subjects</i>	Major CP1404:03 Programming II <i>PREREQ: CP1801 or CP1401 or CP1200 or EG1002 or CP2200 or SC1201</i>
	BM2120:03 Microbial Diversity <i>PREREQ: BM1110</i>	BM2220:03 Infection and Immunity <i>PREREQ: At least 18 credit points of level 1 or 2 subjects including BM2120 or BM1110 or BS1001 or BS1007</i>	Major BM2331:03 Bioinformatics I: Decoding DNA <i>PREREQ: BM1110 or BS1001</i>
	Major CP1401:03 Problem Solving and Programming I OR Select 3 credit points of subjects from List 1 (if selected as elective in Year 1)	BM2230:03 DNA to Proteins <i>PREREQ: Minimum 18 credit points of Level 1 subjects including BM1110 or BM1300 or BM1000</i>	

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2028	SC2202:03 Quantitative Methods in Science (TR1 or TR3) <i>PREREQ: SC1102 or SC1109 or admission to the Bachelor of Business and Environmental Science or admission to 116209, 116309 or 116409</i> OR SC2209:03 Quantitative Methods in Science-Advanced <i>PREREQ: MA1003 and (SC1109 plus 6 credit points of other Level 1 subjects) or admission in 116409</i> OR HS2402:03 Health Professional Research 1 <i>PREREQ: At least 12 credit points of level one subjects</i>	Major Select 3 credit points of subjects from the List	BM3332:03 Advanced Projects in Biomedicine <i>PREREQ: At least 18 credit points of level 2 subjects</i>
	Major Select 3 credit points of subjects from the List	Major Select 3 credit points of subjects from the List	Major BM3331:03 Bioinformatics II: Mastering Big Genomic Data <i>PREREQ: BM2331 and SC2202 or SC2209 or MA2405 or BZ2001 or (BC3101 and HS2402)</i>
	Major Select 3 credit points of subjects from the List		

ADDITIONAL INFORMATION

List 1

HS1401:03 Health and Healthcare in Australia

BM1111:03 Introduction to Health Sciences (recommended if no Senior Biology)

RH1002:03 Communication for Healthcare Professionals

SC1101:03 Science, Technology and Truth

BS1007:03 Introduction to Biodiversity

CP1401:03 Programming I

MA1000:03 Mathematical Foundations

COURSE HANDBOOK

[Bachelor of Biomedical Sciences Handbook](#)

[Bioinformatics Major](#)