

## Bachelor of Biomedical Sciences (Molecular and Cell Biology)

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](mailto: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> <b>OR</b> SC1109:03 Modelling Natural Systems-Advanced <i>PREREQ: MA1000 or MA1009</i>

		TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2027		<b>BM2110:03 Medical Physiology 1</b> <i>PREREQ: At least 18 credit points of level 1 subjects</i>	<b>BM2210:03 Medical Physiology 2</b> <i>PREREQ: At least 18CP of level 1 subjects</i>	<b>Major</b> <b>BM2310:03 Drugs: Triggering System Responses</b> <i>PREREQ: BM1201</i>
		<b>BM2120:03 Microbial Diversity</b> <i>PREREQ: BM1110</i>	<b>BM2220:03 Infection and Immunity</b> <i>PREREQ: At least 18 credit points of level 1 or 2 subjects including BM2120 or BM1110 or BS1001 or BS1007</i>	<b>Major</b> <b>BM2330:03 Cell Biology: Signaling &amp; Regulation</b> <i>PREREQ: 18 credit points of Level 1 subjects including BM1110 or BM1000 or BS1001</i>
		<b>SC2202:03 Quantitative Methods in Science (TR1 or TR3)</b> <i>PREREQ: SC1102 or SC1109 or admission to the Bachelor of Business and Environmental Science or admission to 116209, 116309 or 116409</i> <b>OR</b> <b>SC2209:03 Quantitative Methods in Science-Advanced</b> <i>PREREQ: MA1003 and (SC1109 plus 6 credit points of other Level 1 subjects) or admission in 116409)</i> <b>OR</b> <b>HS2402:03 Health Professional Research 1</b> <i>PREREQ: At least 12 credit points of level one subjects</i>	<b>BM2230:03 DNA to Proteins</b> <i>PREREQ: Minimum 18 credit points of Level 1 subjects including BM1110 or BM1300 or BM1000</i>	

		TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2028		<b>Major</b> <b>BM3130:03 Genes, Genomes and Development</b> <i>PREREQ: BM2230</i>	<b>Major</b> <b>BM3220:03 The Immune System: Function, Disorders and Disease</b> <i>PREREQ: BM2120 and BM2220</i>	<b>BM3332:03 Advanced Projects in Biomedicine</b> <i>PREREQ: At least 18 credit points of level 2 subjects</i>
		<b>Major</b> Select 3 credit points of subjects from the List	<b>Major</b> <b>BM3230:03 Molecular Basis of Disease</b> <i>PREREQ: (BM1201 or BC2013) AND (BM2330 or BC2024)</i>	<b>Major</b> <b>BM3330:03 Synthetic Biology and Bioengineering</b> <i>PREREQ: (BM1201 or BC2013) AND BM2230 or BC2023)</i>
			<b>Major</b> 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](#)

[Molecular and Cell Biology Major](#)