Bachelor of Advanced Science (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 urgently for enrolment advice.

Student Resources: If you require advice about your study plan, choosing electives, or which subjects to enrol in, please contact your major advisor or degree coordinator (CSE Course and Major Advisors). For information on available elective subject options please also refer to the Study Area guide (2026 JCU STUDY AREA GUIDE — College of Science & Engineering).

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2026	SC1101:03 Science Technology and Truth	CH1020:03 Preparatory Chemistry (or any Level 1, 2 or 3 or 5 subject if already satisfied via previous study)	SC1109:03 Modelling Natural Systems-Advanced *PREREQ: MA1000 or MA1009*
	MA1000:03 Mathematical Foundations *PREREQ: MA1020 or MA0020 or BR0202 or High School Senior Mathematics equivalent*	**Major** BM1201:03 Energy Metabolism: Powering Life *PREREQ: Senior Chemistry or equivalent. Allow concurrent enrolment in CH1020*	MA1003:03 Mathematical Techniques *PREREQ: MA1000 or MA1011 or MA1009*
	Major BM1110:03 Molecules to Microbes		Elective **OR** Second Major Subject *(depending on chosen structure)*

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2027	SC2209:03 Quantitative Methods in Science-Advanced *PREREQ: SC1109 and MA1003 plus 6 credit points of other Level 1 subjects*	**Major** BM2230:03 DNA to Proteins *PREREQ: 18 credit points of Level 1 subjects including BM1110 or BM1300 or BM1000*	**Major** BM2330:03:03 Cell Biology: Signalling and Regulation *PREREQ: 18 credit points of Level 1 subjects including BM1110 or BM1000 or BS1001*
	Elective **OR** Second Major Subject *(Depending on chosen structure)*	Elective **OR** Second Major Subject *(Depending on chosen structure)*	**Major** BM2310:03 Drugs: Triggering System Responses *PREREQ: BM1201*
	Elective **OR** Second Major Subject *(Depending on chosen structure)*		Elective **OR** Second Major Subject *(Depending on chosen structure)*

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2028	**Major** BM3130:03 Genes, Genomes, and Development *PREREQ: BM2230*	**Major** BM3230:03 Molecular Basis of Disease *PREREQ: (BM1201 or BC2013) and (BM2330 or BC2024)*	SC3008:03 Professional Placement (TR1, TR2, TR3) *PREREQ: 12 credit points of second year subjects.* **OR** SC3003:03 Science Research Internship (TR1, TR2, TR3) *PREREQ: 15 credit points of AQ, BC, BS, BZ, CH, EV, EA, MA, MB, PH or SC science level 2 subjects* **Students must source a supervisor for their internship before enrolment*
	Elective **OR** Second Major Subject *(Depending on chosen structure)*	Select 3 credit points of subjects from L**ist 1 (Advanced Skills Subjects)**	**Major** BM3330:03 Synthetic Biology and Bioengineering *PREREQ: (BM1201 and BC2013) and (BM2230 or BC2023)*
	Elective **OR** Second Major Subject *(Depending on chosen structure)*		Elective **OR** Second Major Subject *(Depending on chosen structure)*

COURSE HANDBOOK

Bachelor of Advanced Science
Molecular and Cell Biology Major