

## Bachelor of Advanced Science (Molecular and Cell Biology) (Chemistry)

Useful study planning/enrolment resources:

- [Subject Search](#)
- [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.

The College of Science and Engineering will be offering some subjects in Block 3 and Block 4 (see the [Academic Calendar](#) for Block 3 and 4 dates). International students must maintain enrolment in subjects across the whole Trimester 2 period (May - August) and can do this by enrolling in a combination of Block 3 and Block 4 subjects, and/or Trimester 2 subjects and full-time enrolment load in an academic year.

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
<b>2025</b>	SC1101:03 Science Technology and Truth	<b>Molecular and Cell Biology Major</b> BM1201:03 Energy Metabolism: Powering Life <i>PREREQ: Senior Chemistry or equivalent. Allow concurrent enrolment in CH1020</i>	SC1109:03 Modelling Natural Systems-Advanced <i>PREREQ: MA1000</i>
	CH1020:03 Preparatory Chemistry (or any Level 1, 2 or 3 or 5 subject if already satisfied via previous study)	<b>Chemistry Major</b> CH1001:03 Chemistry: The Central Science <i>PREREQ: 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>	MA1003:03 Mathematical Techniques <i>PREREQ: MA1000 or MA1011 or MA1009</i>
	MA1000:03 Mathematical Foundations <i>PREREQ: MA1020 or MA0020 or BR0202 or High School Senior Mathematics equivalent</i>		<b>Chemistry Major</b> CH1002:03 Chemistry: Principles and Applications <i>PREREQ: CH1001 or CH1011 and allow concurrent for CH1011 and CH1001</i>

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2026	SC2209:03 Quantitative Methods in Science-Advanced <i>PREREQ: SC1109 and MA1003 plus 6 credit points of other Level 1 subjects</i>	<b>Molecular and Cell Biology Major</b> BM2230:03 DNA to Proteins <i>PREREQ: 18 credit points of level 1 subjects including BM1110 or BM1300</i>	<b>Molecular and Cell Biology Major</b> BM2330:03:03 Cell Biology: Signalling and Regulation <i>PREREQ: 18 credit points of level 1 subjects including BM1110</i>
	<b>Molecular and Cell Biology Major</b> BM1110:03 Molecules to Microbes	<b>Chemistry Major</b> CH2310:03 Organic Chemistry <i>PREREQ: CH1001 or CH1002</i>	<b>Molecular and Cell Biology Major</b> BM2310:03 Drugs: Triggering System Responses <i>PREREQ: BM1201</i>
	<b>Chemistry Major</b> CH2210:03 Inorganic Chemistry <i>PREREQ: CH1001 or CH1002</i>		<b>Chemistry Major</b> CH2103:03 Analytical Chemistry <i>PREREQ: CH1001 or CH1011</i>

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2027	<b>Molecular and Cell Biology Major</b> BM3130:03 Genes, Genomes, and Development <i>PREREQ: BM2230</i>	SC3008:03 Professional Placement (TR1, TR2, TR3) <i>PREREQ: 12 credit points of second year subjects. Restricted to students with an approved placement</i>  <b>OR</b> SC3003:03 Science Research Internship (TR1, TR2, TR3) <i>PREREQ: 15 credit points of AQ, BC, BS, BZ, CH, EV, EA, MA, MB, PH or SC science level 2 subjects</i>  <i>*Students must source a supervisor for their internship before enrolment</i>	<b>Molecular and Cell Biology Major</b> BM3330:03 Synthetic Biology and Bioengineering <i>PREREQ: BM1201 and BM2230</i>
	<b>Chemistry Major</b> CH3210:03 Applications of Inorganic Chemistry <i>PREREQ: CH2210</i>	<b>Molecular and Cell Biology Major</b> BM3230:03 Molecular Basis of Disease <i>PREREQ: BM1201 and BM2330</i>	<b>Chemistry Major</b> CH3310:03 Special Topics in Organic Chemistry <i>PREREQ: CH2310</i>
	Select 3 credit points of subjects from List 1 ( <b>Advanced Skills Subjects</b> )		<b>Chemistry Major</b> CH3110:03 Special Topics in Analytical Chemistry <i>PREREQ: CH2103</i>

## COURSE HANDBOOK

[Bachelor of Advanced Science](#)  
[Molecular and Cell Biology Major](#)  
[Chemistry Major](#)