

Bachelor of Advanced Science (Molecular and Cell Biology) (Zoology and Ecology)

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
2025	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 <i>PREREQ: MA1000</i>
	MA1000:03 Mathematical Foundations <i>PREREQ: MA1020 or MA0020 or BR0202 or High School Senior Mathematics equivalent</i>	Molecular and Cell Biology Major BM1201:03 Energy Metabolism: Powering Life <i>PREREQ: Senior Chemistry or equivalent. Allow concurrent enrolment in CH1020</i>	MA1003:03 Mathematical Techniques <i>PREREQ: MA1000 or MA1011 or MA1009</i>
	Molecular and Cell Biology Major BM1110:03 Molecules to Microbes		Zoology and Ecology Major Select 3 credit points of subjects from List 1 (Breadth Subjects)

	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>	Molecular and Cell Biology Major BM2230:03 DNA to Proteins <i>PREREQ: 18 credit points of level 1 subjects including BM1110 or BM1300</i>	Molecular and Cell Biology Major BM2330:03:03 Cell Biology: Signalling and Regulation <i>PREREQ: 18 credit points of level 1 subjects including BM1110</i>
	Zoology and Ecology Major BS1007:03 Introduction to Biodiversity	BLOCK 3 (May-Jun) Zoology and Ecology Major BZ2490:03 Toolkit for the Field Biologist <i>PREREQ: SC2202 or SC2209</i>	Molecular and Cell Biology Major BM2310:03 Drugs: Triggering System Responses <i>PREREQ: BM1201</i>
	Zoology and Ecology Major BS2470:03 Evolution <i>PREREQ: BS1001 or BZ1001 or BZ1005</i>		Zoology and Ecology Major BS2460:03 Fundamentals of Ecology <i>PREREQ: 6 credit points of Level 1 or 2 BZ/BS or EV subjects</i>

	TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
2027	Molecular and Cell Biology Major BM3130:03 Genes, Genomes, and Development <i>PREREQ: BM2230</i>	Molecular and Cell Biology Major BM3230:03 Molecular Basis of Disease <i>PREREQ: BM1201 and BM2330</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> OR 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>
	Zoology and Ecology Major BZ3061:03 Behavioural Ecology (TR1) <i>PREREQ: 6 credit points of Level 2 science subjects</i> OR BZ3745:03 Tropical Entomology (BL3) <i>PREREQ: (SC2202 or SC5202 or SC2209 or BZ2001 or BS2001 or AG2001) and (BZ1006 or BS1007 or BZ1007 or ZL1001 or BZ1004 or AG1004)</i>	BLOCK 4 (Jul-Aug)	Molecular and Cell Biology Major BM3330:03 Synthetic Biology and Bioengineering <i>PREREQ: BM1201 and BM2230</i>
	Zoology and Ecology Major BZ3220:03 Population and Community Ecology <i>PREREQ: SC2202 or SC5202 or SC2209 or BS2001 or BZ2001 or AG2001 and BS2460 or MB2060 or 3 credit points of Level 2 BZ</i>		

COURSE HANDBOOK

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