



Bachelor of Science

MAJOR **Zoology and Ecology**
 MAJOR **Choose a second major***

This study plan should be used as a general guide for your course. We recommend you consult with your [CSE Course/Major Advisor](#) and particularly if your intended enrolment varies from this plan.

The information in the study plan is current at the time of creation and may be subject to future change. If you would prefer a part-time study plan, please adjust the below study planner; reviewing subject prerequisites to ensure you are on track for course completion.

Useful study planning/enrolment resources:

To search for information on subjects: [Subject Search](#)

To register for your classes: [Class Registration](#)

For important dates check: [Academic Calendars](#)

Further enrolment resources: [Enrolment Resources](#)

	STUDY PERIOD 1	STUDY PERIOD 2
Year 1		Course CH1020:03 Preparatory Chemistry OR Select 3 credit points of any level 1, 2, 3 or 5 subjects (if completed high school level Chemistry or equivalent)
		Course MA1020:03 Preparatory Mathematics OR Select 3 credit points of any level 1, 2, 3 or 5 subjects (if completed high school level Maths Methods or equivalent)
		Major BS1001:03 Introduction to Biological Processes
		Second Major

	STUDY PERIOD 1	STUDY PERIOD 2
Year 2	Course SC1101:03 Science, Technology, and Truth	Course 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>
	Major BS1007:03 Introduction to Biodiversity	Course Select 3 credit points of subjects from List 2
	Major BS2470:03 Evolution <i>PREREQ: BZ1001 OR BS1001 OR BZ1005</i>	Major BS2460:03 Fundamentals of Ecology <i>PREREQ: 6 credit points of Level 1 or 2 BZ, BS or EV subjects.</i>
	Elective OR Second Major Subject (Depending on chosen structure)	Second Major

Year 3	STUDY PERIOD 1		STUDY PERIOD 2			
	Course SC2202:03 Quantitative Methods in Science <i>PREREQ: SC1102 or MA1020 or MA1000 or Mathematics B or equivalent</i> OR SC2209:03 Quantitative Methods in Science - Advanced <i>PREREQ: SC1109 and MA1003 plus 6 credit points of any level 1 subjects</i>		Major BZ3220:03 Population and Community Ecology <i>PREREQ: (SC2202 or SC2209) and (BS2460 or MB2060 or 3 credit points of Level 2 BZ)</i>			
	Second Major		Major BZ3061:03 Behavioural Ecology <i>PREREQ: SC2202 or SC2209 or SC5202 and 6 credit points of Level 2 science subjects.</i> or BZ3745:03 Tropical Entomology – SP3 <i>PREREQ: (SC2202 or SC2209 or SC5202 or BZ2001 or BS2001 or AG2001) and (BZ1006 or BS1007 or BZ1007 or ZL1001 or BZ1004 or AG1004).</i>			
	Second Major					
	Second Major					
	STUDY PERIOD 3 (Jan-Feb)		STUDY PERIOD 7 (Jun-Jul)		STUDY PERIOD 10 (Nov-Jan)	
			Major BZ2490:03 Toolkit for the Field Biologist <i>PREREQ: SC2202 or SC2209</i>		Major BZ3230:03 Ecological Research Methods <i>PREREQ: (SC2202 or SC2209 or BS2001 or BZ2001) and (BS2460 or BZ2490 or BZ2440 or BZ2880)</i> or BZ3001:03 Field Studies in the Equatorial Tropics: Borneo	

Year 4	STUDY PERIOD 1	STUDY PERIOD 2
	Course SC3008:03 Professional Placement <i>PREREQ: 12 credit points of second year subjects and be enrolled in their final year of study within the College of Science and Engineering</i>	
	Second Major	
	Second Major	
	Second Major	

BREADTH SUBJECTS - LIST 1		
STUDY PERIOD 1	STUDY PERIOD 2	
BM1000:03 Introductory Biochemistry and Microbiology	BS4004:03 Introduction to Biological Processes	
BS1007:03 Introduction to Biodiversity	CH1002:03 Chemistry: Principles and Applications <i>PREREQ: CH1001</i>	
CH1001:03 Chemistry: A Central Science	EA1110:03 Evolution of the Earth	
EG1000:03 Engineering 1	MA1003:03 Mathematical Techniques <i>PREREQ: MA1000</i>	
EV1005:03 Environmental Processes and Global Change	MA1580:03 Foundations of Data Science	
MA1000:03 Mathematical Foundation	PH1007:03 Advanced Stream Physics 2 <i>PREREQ: PH1005 OR (High School Physics and M</i>	
PH1005:03 Advanced Stream Physics 1		
TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
CP1401:03 Problem Solving and Programming I CP1401:03 Problem Solving and Programming I- <i>*EXTERNAL OFFERING</i>	CP1401:03 Problem Solving and Programming I- <i>*EXTERNAL OFFERING</i>	CP1404:03 Programming II CP1404:03 Programming II- <i>*EXTERNAL OFFERING</i>
	CP1404:03 Programming II- <i>*EXTERNAL OFFERING</i>	

SKILL SUBJECTS - LIST 2	
STUDY PERIOD 1	STUDY PERIOD 2
MA2000:03 Mathematics for Scientists and Engineers <i>PREREQ: MA1003</i>	CH2103:03 Analytical Chemistry <i>PREREQ: CH1001 OR CH1011</i>
MA2830 Data Visualisation	EV2502:03 Introduction to Geographic Information Systems <i>PREREQ: At least 12 credit points of level 1 subjects</i>
SC3010:03 Sensors and Sensing for Scientists <i>PREREQ: SC2202 OR (SC2209 OR SC2201 OR BZ2001)</i>	MA2210:03 Linear Algebra <i>PREREQ: MA1003</i>
TRIMESTER 3	
CP2404:03 Database Modelling- <small>*EXTERNAL OFFERING</small>	

COURSE NOTES

A maximum of 30 credit points may be taken at Level 1.

A minimum of 18 credit points of science subjects must be taken at Level 3 or higher.

ADDITIONAL INFORMATION

[Bachelor of Science Handbook](#)

[Zoology and Ecology Major](#)