



Bachelor of Marine Science (CH1020 and MA1020 required)

- International

Useful study planning/enrolment resources:

[Subject Search](#)

[Academic Calendars](#)

[Class Registration](#)

[Enrolment Resources](#)

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 planner is current at the time of creation may be subject to future change.

If you would prefer a part-time study plan, please adjust the below study planner; reviewing subject completion.

	STUDY PERIOD 2
	Course EA1110:03 Evolution of the Earth
	Course SC1102:03 Modelling Natural Systems PREREQ: MA1020 or Senior Mathematics or equivalent or SC1109:03 Modelling Natural Systems-Advanced^ PREREQ: MA1000 ^SC1109 is compulsory in the Advanced Science degree and should be taken instead of SC1102 if you are considering that

PREREQ: (Senior Chemistry or CH1020 or CH0020) and (Maths B or MA1020 or MA0020) – allow concua (y)f-26.1 5jb [(a)s71.3 [(a



		STUDY PERIOD 1	STUDY PERIOD 2
Year 2		Course SC2202:03 Quantitative Methods in Science PREREQ: SC1102 or SC1109 or SC2209:03 Quantitative Methods in Science-Advanced PREREQ: MA1003 and (SC1109 plus 6 credit points of other Level 1 subjects)	Course PH2006:03 Marine Physics or PH2009:03 Advanced Marine Physics PREREQ: PH1005 and MA1000
		Course CH1001:03 Chemistry: A Central Science PREREQ: CH1020, CH0020 or EG1010 or High School Senior Chemistry	Course EV2502:03 Introduction to Geographic Information Systems PREREQ: 12 credit points of Level 1 subjects
		Course MB2050:03 Functional Biology of Marine Organisms PREREQ: ZL1001 or BZ1004 or AG1004 or BZ1007 or BS1007 or BZ1006	Elective See List 1 for recommended subject streams



STUDY PERIOD 1

STUDY PERIOD 2

Course

MB3050:03 Biological Oceanography

PREREQ: (BS1007 or BZ1007) and MB2050 and (SC2202 or SC2209 or BS2001 or BZ2001)

Year 3



EARTH SCIENCE STREAM

STUDY PERIOD 1

STUDY PERIOD 2

EA3210:03 Structural Geology and Tectonics

PREREQ: EA1110

or

EA3650:03 Energy Resources and Basin Analysis (SP2)

PREREQ: At least 12 credit points of Level 2 subjects including EA2110

EA2404:03





MATHS STREAM	
Select MA1003 plus 3 subjects from:	
STUDY PERIOD 1	STUDY PERIOD 2
MA2000:03 Mathematics for Scientists and Engineers PREREQ: MA1003	MA1003:03 Mathematical Techniques PREREQ: MA1000 or MA1011 or MA1009
	MA2210:03 Linear Algebra PREREQ: MA1003
	MA2405:03 Advanced Statistical Modelling PREREQ: MA1401 OR BZ2001 OR MA2401 OR SC2202 OR SC2209 AND MA1000
	MA3405:03 Statistical Data Mining for Big Data PREREQ: MA2405 OR MA2000 OR SC2202 OR SC2209
TRIMESTER 3	
CP2404:03 Database Modelling PREREQ: MA1401 OR BZ2001 OR MA2401 OR SC2202 OR SC2209 AND MA1000	

PHYSICS STREAM	
Select PH1005 and PH3006 plus 2 subjects from:	
STUDY PERIOD 1	STUDY PERIOD 2
PH1005:03 Advanced Stream Physics 1 PREREQ: Maths B or MA1020 or MA0020 or MA1000 or MA1008 OR admission to 116209, 116409 or 116309. Allow concurrent for MA1000 and MA1008	PH3006:03 Oceanography and Meteorology PREREQ: MA2000 and PH2019
PH2002:03 Classical Mechanics and Quantum Physics 1 PREREQ: MA1003 AND PH1005 AND (PH1006 OR PH1007 OR (EG1012 AND EG1011))	MB2080:03 Invertebrate Biology PREREQ: BZ1004 or AG1004 or BZ1006 or BZ1007 or BS1007
PH2019:03 Introduction to Electromagnetism Optics and Early Quantum PREREQ: (EG1012 OR PH1005) AND MA1003	PH2240:03 Atomic and Nuclear Physics PREREQ: PH2002 and MA1003

ADDITIONAL INFORMATION

Students must complete a minimum of 18 credit points of Level 3 subjects.

COURSE HANDBOOK

[Bachelor of Marine Science Handbook](#)