Bachelor of Marine Science

2027 ENTRY

Useful study planning / enrolment resources

Course and Subject Handbook	Academic Calendars	Class Registration	Enrolment Resources

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 you are receiving US Federal Aid, there are further compliance considerations. Please contact financialaid@jcu.edu.au to confirm compliance of your subject selections.

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 (JCU STUDY AREA GUIDE — College of Science & Engineering).
Intensive on-campus requirements: Subjects labelled with *Intensive on-campus requirements involve mandatory on-campus or fieldwork attendance with extended hours over a dedicated face-to-face period. Please check the face-to-face dates for the subject in the subject handbook and do not enrol in subjects with overlapping face-to-face dates. For more information, see the CSE Student Guide to Succeeding in Trimester 2 Intensives on the CSE Student Resources webpage.

How to read this planner

PREREQ Prerequisite information **ONLINE** Online offering **PLACEMENT** Placement requirement **INTENSIVE** Intensive on-campus requirement

2027

TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
BS1007:03 Introduction to Biodiversity **PREREQ:** N/A	CH1001:03 Chemistry: The Central Science **PREREQ:** BR0301, CH1020, CH0020 or EG1010 or High School Senior Chemistry	EA1110:03 Evolution of the Earth **PREREQ:** N/A
Select 3 credit points of Level 1, 2, 3 or 5 subjects *Recommended – EV1005:03 Environmental Processes and Global Change	MB1110:03 Introductory Marine Science **PREREQ:** [(Senior Chemistry or CH1020 or CH0020) and (Maths B or MA1020 or MA0020)] or admission to 50110M - allow concurrent for CH1020 & MA1020	SC1102:03 Modelling Natural Systems **PREREQ:** MA1020 or MA0020 or Senior Mathematics or equivalent **OR** SC1109:03 Modelling Natural Systems – Advanced **PREREQ:** MA1000 or MA1009 *If you wish to complete SC1109 please contact your course coordinator
Select 3 credit points of Level 1, 2, 3 or 5 subjects *Recommended –MA1000 Mathematical Foundations if considering mathematics or physics streams. Also pre-req for SC1109 in TR3 if considering that pathway. **PREREQ:** MA1020 OR MA0020 OR BR0202 OR High school subjects: Mathematical Methods or Specialist Mathematics (or equivalent such as Maths B or Maths C)		Select 3 credit points of any undergraduate subjects

2028

TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
SC2202:03 Quantitative Methods in Science **PREREQ:** SC1102 or SC1109 (Offered TR1 or TR3) **OR** SC2209:03 Quantitative Methods in Science – Advanced **PREREQ:** MA1003 and SC1109 plus 6 credit points of Level 1 subjects (Offered TR1 or TR3)	EV2502:03 Geographic Information Systems **PREREQ:** At least 9 credit points of subjects at Level 1 **INTENSIVE**	PH2006:03 Marine Physics **PREREQ:** N/A **OR** PH2009:03 Advanced Marine Physics **PREREQ:** PH1005 and MA1000
CH2042:03 Marine Chemistry and Chemical Ecology **PREREQ:** CH1001 or CH1011	Select 3 credit points of any undergraduate subjects	EA2110:03 Sedimentology and Stratigraphy **PREREQ:** 9 credit points of Level 1 subjects including EA1110
MB2050:03 Functional Biology of Marine Organisms **PREREQ:** ZL1001 or BZ1004 or AG1004 or BZ1007 or BS1007 or BZ1006		Select 3 credit points of any undergraduate subjects

2029

TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
SC3010:03 Sensors and Sensing for Scientists **PREREQ:** BZ2001 or SC2202 or SC2209 or SC2201 and allow concurrent enrolment for SC2202 and SC2209	EV3406:03 Coral Reef Geomorphology **PREREQ:** At least 9 credit points at level 2 including 3 credit points of EV or EA or MB subjects **INTENSIVE**	EV3401:03 Coastal and Catchment Geomorphology **PREREQ:** 9 credit points of Level 1 subjects
MB3050:03 Biological Oceanography **PREREQ:** (BS1007 or BZ1007) and MB2050 and (SC2202 or SC2209 or BS2001 or BZ2001)	MB3270:03 Coastal, Estuarine and Mangrove Ecosystems **PREREQ:** BS1007 or BZ1007 and (MB2050 or BS2460) and (SC2202 or SC2209 or BS2001 or BZ2001) **INTENSIVE**	Select 3 credit points of any Level 2 or 3 subjects
Select 3 credit points of any Level 2 or 3 subjects		EA3640:03 Advanced Environmental and Marine Geoscience Technologies and Applications **PREREQ:** At least 9 credit points at level 2 including 3 credit points of EV or EA or MB subjects

Course Handbook

Bachelor of Marine Science

Award Title	Bachelor of Marine Science
Abbreviation	BMarSc
Credit Points	72
AQF Level	Level 7 – Bachelor Degree
Location	Townsville Bebegu Yumba
Division	Academy
College	College of Science and Engineering
Expected Time to Complete	3 Years
Maximum Time to Complete	9 Years
Maximum Leave of Absence	3 Years
CRICOS Code	056552E