

Bachelor of Marine Science – 2020 Mid Year Entry

Teaching Period 1, 2021		Teaching Period 2, 2020	
Study Period 1	BS1007 :03 Introduction to Biodiversity	Study Period 2	EA1110 :03 Evolution of the Earth
Study Period 1	MA1000 :03 Mathematical Foundations PREREQ: MA1020 or Mathematics B or Maths C	Study Period 2	MB1110 :03 Introductory Marine Science PREREQ: Admission to BMarSc and allow concurrent with CH1020
Study Period 1	CH1001 :03 Chemistry: A Central Science PREREQ: CH1020 or EG1010 or Senior Chemistry	Study Period 2	MA1020 :03 Preparatory Mathematics OR 3 credit points of any Level 1, 2 or 3 AQ, BC, BM, BS, BZ, CH, CL, CP, CS, EA, EE, EV, MA, MB, ME, MI, PH or SC subjects
Study Period 1	3 credit point subject from List 1 or Inter-disciplinary Minor subject	Study Period 2	CH1020 :03 Preparatory Chemistry OR 3 credit points of any Level 1, 2 or 3 AQ, BC, BM, BS, BZ, CH, CL, CP, CS, EA, EE, EV, MA, MB, ME, MI, PH or SC subjects
Teaching Period 1, 2022		Teaching Period 2, 2021	
Study Period 1	MB2050 :03 Functional Biology of Marine Organisms PREREQ: BS1007	Study Period 2	SC1102 :03 Modelling Natural Systems PREREQ: MA1020 or Senior Mathematics or equivalent and allow concurrent enrolment for MA1020 OR SC1109 :03 Modelling Natural Systems-Advanced PREREQ: MA1000 or MA1009
Study Period 1	SC2202 :03 Quantitative Methods in Science PREREQ: 6 credit points of level 1 subjects OR SC2209 :03 Quantitative Methods in Science-Advanced PREREQ: SC1109 and MA1003 plus 6 credit points of other Level 1 subjects	Study Period 2	PH2006 :03 Marine Physics
Study Period 1	CH2042 : 03 Marine Chemistry and Chemical Ecology PREREQ: CH1001 or CH1011	Study Period 2	EV2502 :03 Introduction to Geographic Information Systems PREREQ: 12 credit points of level 1 subjects
Study Period 1	3 credit point subject from List 1 or Inter-disciplinary Minor subject	Study Period 2	3 credit point subject from List 1 or Inter-disciplinary Minor subject
Teaching Period 1, 2022		Teaching Period 2, 2022	
Study Period 1	MB2050 :03 Functional Biology of Marine Organisms PREREQ: BS1007	Study Period 2	MB3270 :03 Coastal, Estuarine and Mangrove Ecosystems PREREQ: BS1007 or SC2202 or SC2209
Study Period 1	SC2202 :03 Quantitative Methods in Science PREREQ: 6 credit points of level 1 subjects OR SC2209 :03 Quantitative Methods in Science-Advanced PREREQ: SC1109 and MA1003 plus 6 credit points of other Level 1 subjects	Study Period 2	EA3110 :03 Sedimentology and Stratigraphy PREREQ: EA1110
Study Period 1	CH2042 : 03 Marine Chemistry and Chemical Ecology PREREQ: CH1001 or CH1011	Study Period 2	3 credit point subject from List 1 or Inter-disciplinary Minor subject
Study Period 1	3 credit point subject from List 1 or Inter-disciplinary Minor subject	Study Period 11	EA3640 :03 Advanced Environmental and Marine Geoscience Technologies and Applications PREREQ: 12cp at level 2 and 3cp at level 1 EA or MB

Teaching Period 1, 2023	
Study Period 1	MB3050 :03 Biological Oceanography PREREQ: BS1007 and MB2050 and SC2202 or SC2209
Study Period 1	SC3010 :03 Sensors and Sensing for Scientists PREREQ: SC2202 or SC2209
Study Period 1	EV3406 :03 Coral Reef Geomorphology PREREQ: 12 credit points of level 2 subjects including 6 credit points of level 2 EA or EV or MB subjects
Study Period 6	SC3232 :03 Marine Sensor Technologies and Applications PREREQ: PH2222 or SC3010

POST ADMISSION REQUIREMENTS

Assumed Knowledge: English (4,SA); Maths B (4,SA); Chemistry (4,SA)

Recommended Study: At least one of Biology, Earth Science, Geography, Maths C or Physics

ADDITIONAL COMPLETION REQUIREMENTS

Applicants who have not completed high school intermediate level Mathematics B (or equivalent) must select [MA1020](#): Preparatory Mathematics as part of their study plan to successfully complete the Bachelor of Marine Science.

Applicants who have not completed high school Chemistry (or equivalent) must select [CH1020](#): Preparatory Chemistry as part of their study plan to successfully complete the Bachelor of Marine Science.

Students should undertake the above subject/s in block mode where available and be aware that restrictions may apply to electives if they wish to complete in the normal three (3) year time frame. These subjects typically start earlier than the standard course commencement date. Contact JCU on 1800 246 446 for more information.

This course involves mandatory field work and any costs associated with that field work will be at the student's expense.

COURSE PROGRESSION REQUISITES

Must complete 18 credit points of Level 1 and 2 science subjects before attempting any Level 3 science subjects.

ADDITIONAL INFORMATION

[Bachelor of Marine Science course handbook](#)