

Bachelor of Marine Science – 2020 Beginning of Year Entry

Teaching Period 1, 2020		Teaching Period 2, 2020	
Study Period 1	MA1000 :03 Mathematical Foundations PREREQ: MA1020 or Mathematics B or Maths C	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 and allow concurrent enrolment for MA1009
Study Period 1	CH1001 :03 Chemistry: A Central Science PREREQ: CH1020 or EG1010 or High School Senior Chemistry	Study Period 2	EA1110 :03 Evolution of the Earth
Study Period 1	BS1007 :03 Introduction to Biodiversity	Study Period 2	MB1110 :03 Introductory Marine Science PREREQ: Senior Chemistry or CH1020 and Maths B or MA1020
Study Period 1	Elective: MA1020 or any Level 1, 2 or 3 of AQ, BC, BM, BS, BZ, CH, CL, CP, CS, EA, EE, EV, MA, MB, ME, MI, PH or SC subjects *	Study Period 2	Elective: CH1020 or any Level 1, 2 or 3 of AQ, BC, BM, BS, BZ, CH, CL, CP, CS, EA, EE, EV, MA, MB, ME, MI, PH or SC subjects
Teaching Period 1, 2021		Teaching Period 2, 2021	
Study Period 1	SC2202 :03 Quantitative Methods in Science PREREQ: 6cp of level 1 subjects or SC2209 :03 Quantitative Methods in Science – Advanced PREREQ: SC1109 and MA1003 and 6cp of level 1 subjects	Study Period 2	EV2502 :03 Introduction to Geographic Information Systems PREREQ: 12cp of level 1 subjects
Study Period 1	CH2042 :03 Marine Chemistry and Chemical Ecology PREREQ: CH1001 or CH1011	Study Period 2	PH2006 :03 Marine Physics
Study Period 1	MB2050 :03 Functional Biology of Marine Organisms PREREQ: ZL1001 or BZ1004 or AG1004 or BZ1007 or BS1007 or BZ1006	Study Period 2	Select 12 credit points of subjects from List 1 or a Minor from Table A or an Inter-disciplinary Minor
Study Period 1	Select 12 credit points of subjects from List 1 or a Minor from Table A or an Inter-disciplinary Minor	Study Period 2	Select 12 credit points of subjects from List 1 or a Minor from Table A or an Inter-disciplinary Minor
Teaching Period 1, 2022		Teaching Period 2, 2022	
Study Period 1	MB3050 :03 Biological Oceanography PREREQ: BS1007 or BZ1007 and MB2050 and SC2202 or SC2209 or BS2001 or BZ2001	Study Period 2	EA3110 :03 Sedimentology and Stratigraphy PREREQ: EA1110
Study Period 1	SC3010 :03 Sensors and Sensing for Scientists PREREQ: BZ2001 or SC2202 or SC2209	Study Period 2	MB3270 :03 Coastal, Estuarine and Mangrove Ecosystems PREREQ: BS1007 or BZ1007 or MB2050 or SC2202 or SC2209 or BS2001 or BZ2001
Study Period 1	EV3406 :03 Coral Reef Geomorphology PREREQ: 12cp of level 2 subjects including 6cp of level 2 EA or EV or MB	Study Period 6	SC3232 :03 Marine Sensor Technologies and Applications PREREQ: PH2222 or SC3010
Study Period 1	Select 12 credit points of subjects from List 1 or a Minor from Table A or an Inter-disciplinary Minor	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

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](#)