

RECOMMENDED STUDY PLAN

Mid-Year Entry **2021**

DEGREE Bachelor of Marine Science

STREAM Chemistry

NAME _____

To assist you with subject information, we recommend you consult with your CSE Course/Major Advisor and refer to [Subject Search](#). If you would prefer a part-time study plan, please adjust the below planner, reviewing subject prerequisites to ensure you are on track for course completion.

Year 1	MID-YEAR ENTRY	Study Period 2 - SP2
		Degree Core: <u>EA1110</u> Evolution of the Earth
		Degree Opt Core: <u>SC1102</u> Modelling Natural Systems PREREQ: MA1020* OR <u>SC1109</u> Modelling Natural Systems – Advanced^ PREREQ: MA1000 OR MA1009
		Degree Core: <u>MB1110</u> Introductory Marine Science PREREQ: MA1020 AND CH1020+
		Elective:

[^]SC1109 has more math-based tutorials and requires MA1000. It may be taken as an alternative to SC1102 if you would prefer. It is a required subject in the Advanced Science program if you are considering that pathway.

+Missing high school chemistry, select CH1020- Preparatory Chemistry in SP2.

*Missing high school intermediate level Mathematics B, select MA1020 Preparatory Mathematics in SP2. You will NOT be able to take SC1102 in SP2 in Year 1 and you will need to overload with 5 subjects in a later study period to catch up or extend your degree by a semester.

If you require BOTH CH1020 & MA1020 please speak with your course advisor prior to beginning your studies.

Year 2	Study Period 1 - SP1	Study Period 2 - SP2
	Degree Core: <u>BS1007</u> Introduction to Biodiversity	Degree Core: <u>EV2502</u> Introduction to Geographic Information Systems PREREQ: 12CP LEVEL 1 SUBJECTS
	Degree Core: <u>CH1001</u> Chemistry: A Central Science PREREQ: CH1020	Degree Core: <u>PH2006</u> Marine Physics
	Degree Core: <u>MA1000</u> Mathematical Foundations PREREQ: MA1020	Stream Core: <u>CH1002</u> Chemistry: Principles & Applications PREREQ: CH1001 OR CH1011
	Elective:	Stream Core: <u>CH2310</u> Syntheses and Mechanism in Organic Chemistry PREREQ: CH1001 AND CH1002

Year 3	Study Period 1 - SP1	Study Period 2 - SP2
	Degree Opt Core: <u>SC2202</u> Quantitative Methods in Science PREREQ: SC1102 OR MA1020 OR MATH B OR EQUIVALENT OR <u>SC2209</u> Quantitative Methods in Science-Advanced PREREQ: SC1109 AND MA1003 PLUS 6CP OF OTHER LEVEL 1 SUBJECTS	Degree Core <u>EA3110</u> : Sedimentology and Stratigraphy PREREQ: EA1110
	Degree Core: <u>CH2042</u> Marine Chemistry and Chemical Ecology PREREQ: CH1001 OR CH1011	Degree Core: <u>MB3270</u> Coastal, Estuarine and Mangrove Ecosystems PREREQ: BS1007 OR MB2050 OR SC2202/SC2209
	Degree Core: <u>MB2050</u> Functional Biology of Marine Organisms PREREQ: BS1007 OR BZ1006	Degree Core: <u>SC3232</u>: Marine Sensor Technologies and Applications -Not currently available, replace with EV3401 PREREQ: PH2222 OR SC3010 <u>EV3401</u> Coastal and Catchment Geomorphology PREREQ: 12CP LEVEL 2 INCLUDING 6CP LEVEL 2 EV OR EA SUBJECTS
		Stream Core: <u>CH2103</u> Analytical Chemistry PREREQ: CH1001 OR CH1011
		SP11 (Nov-Dec) Degree Core: <u>EA3640</u> Advanced Environmental and Marine Geoscience Technologies and Applications PREREQ: 12CP LEVEL 2 AND 3CP LEVEL 1 EA OR MB SUBJECTS
Year 4	Study Period 1 - SP1	MID-YEAR COMPLETION
	Degree Core: <u>MB3050</u> Biological Oceanography PREREQ: BS1007 AND MB2050 AND SC2202/SC2209	
	Degree Core: <u>EV3406</u> Coral Reef Geomorphology PREREQ: 12CP LEVEL 2 INCLUDING 6CP LEVEL 2 EV OR EA OR MB SUBJECTS	
	Degree Core: <u>SC3010</u> Sensors and Sensing for Scientists PREREQ: SC2202/SC2209	
	Stream Core: <u>CH3041</u> Environmental Chemistry PREREQ: (CH1001 OR CH1011 OR EG1010)	

PROFESSIONAL ACCREDITATION STATUS

Environmental Institute of Australia and New Zealand accredits individual graduates but not courses

- <http://www.eianz.org/>

ADDITIONAL COURSE RULES

Study plan may only include a maximum of 30 credit points of Level 1 subjects and a minimum of 18 credit points must be taken at Level 3.

ADDITIONAL COMPLETION REQUIREMENTS

Applicants who select SC1102: Modelling Natural Systems as a part of their degree but have not completed high school intermediate level Mathematics B (or equivalent) must also select MA1020: Preparatory Mathematics as part of their study plan.

MA1020 is available on both campuses in full-semester and intensive mode. The intensive mode option typically starts earlier than the standard course commencement date. Contact JCU on 1800 246 446 for more information. Students can enrol in BU1007 without completing high school intermediate level Mathematics B (or equivalent).

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

COURSE PROGRESSION REQUISITES

Must complete 18 credit points of Level 1 or 2 subjects before attempting any Level 3 subject.

ADDITIONAL INFORMATION

[Bachelor of Marine Science handbook](#)