Sample Course Plan - Semester 1 2021 entry
B1317 Bachelor of Science (Marine Biology and Env Science) - 72 credit points

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Major Prerequisites: Chemistry Background
Students who achieved a final scaled score of 50 percent or more in Chemistry 3A/3B or Chemistry ATAR within the past three years should seek an exemption from their Academic Chair for CHE140 Fundamentals of Chemistry. Students who have completed previous chemistry not stated above should also consult their Academic Chair for clarification of their enrolment requirements.

Blue = Course Core Green = Marine Bio Red = Env Sci Purple = Both Env and Marine

	Semester 1		Semester 2	
Year 1	BSC100 Building Blocks for Science Students	3pts	CHE144 Foundations of Chemistry	3pts
	CHE140 Fundamentals of Chemistry	3pts	ENV102 Foundations of the Environment	3pts
	BIO103 Environmental Biology	3pts	MAS183 Statistical Data Analysis	3pts
	BIO180 Introduction to Marine Biology	3pts	BIO152 Cell Biology	3pts
		12pts		12pts
Year 2	ENV243 Water and Earth Science	3pts	MSP100 Career Learning	3pts
	BIO254 Marine Botany	3pts	Breadth or Research Unit (see handbook)	3pts
	ENV242 Atmospheric Science	3pts	BIO244 Animal Diversity	3pts
	BIO249 Fish and Wildlife	3pts	ENV241 Ecology	3pts
		12pts		12pts
Year 3	Research Unit (see handbook)	3pts	ENV332 Managing Wetlands and Water	3pts
	BIO377 Marine Ecology	3pts	ENV331 Env Management	3pts
	ENV328 Policy and Law	3pts	BIO380 Aquaculture	3pts
	Breadth Unit (see handbook)	3pts	BIO381 Marine Wildlife	3pts
		12pts		12pts

Note: Part II Breadth and Research Skills Unit Requirements
Students require 3pts of Breadth units and 3pts of Research Skills units for Part II of their degree and will need another 3pts in breadth or research units.
Select from the prescribed lists of options – below.
Please note: A unit cannot be used to satisfy both the Breadth or Research Skills Unit requirements and the requirements of a major or minor. If taken at 100 level the unit(s) will be attributed to Part I. Note that no more than 30 credit points at Part I may be credited towards course completion requirements.

Breadth Units List:
Choose from list here: http://handbook.murdoch.edu.au/units/?year=2020&discip=University+Breadth&sort=UnitCd

Research Skills Unit List: Marine Science Major

ICT158 Introduction to Information Systems – 3 points
MURDOCH: S2-internal, S2-external
ICT159 Foundations of Programming – 3 points
MURDOCH: S1-internal, S1-external
ENV303 GIS for Environmental Management and Planning - 3 points
MURDOCH: S2-internal, S2-external
BIO246 Microbiology - 3 points
MURDOCH: S1-internal
BIO257 Australian Biodiversity – 3 points
MURDOCH: S2-internal
BIO282 Molecular Biology – 3 points
MURDOCH: S2-internal
BIO309 Omics Technologies and Bioinformatics – 3 points
MURDOCH: S1-internal
BIO311 Interactive Data Analysis and Visualisation – 3 points
MURDOCH: S2-internal
MAS224 Biostatistical Methods - 3 points
MURDOCH: S1-internal, S1-external
MAS221 Mathematical Modelling - 3 points
MURDOCH: S2-internal, S2-external
MAS351 Environmental and Biological Modelling- 3 points
MURDOCH: S1-internal, S1-external
ENV241 Ecology - 3 points
MURDOCH: S2-internal, S2-external
ENV328 Environmental Policy and Law – 3 points
MURDOCH: S1-internal, S1-external
BIO393 Tropical Marine Biology - 3 points
MURDOCH: W-internal (quota of 40 places)
COM123 Foundations of Communication – 3 points
MURDOCH: S2-internal, S2-external

Disclaimer: This course plan is a sample only and must be read in conjunction with the full course structure, unit prerequisites and enrolment options as per the online Handbook . This course plan will vary depending on chosen additional majors/minors and your academic progression.
Students should note that due to unit prerequisites, commencing study in semester 2 may extend the duration of the course.

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