

**Sample Course Plan - Semester 1 2021 entry**  
**B1317 Bachelor of Science (Marine Science and Conservation and Wildlife Biology)**  
**- 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 Course Green = Marine Sci Red = Cons & Wildlife Biology Purple = Both**

	Semester 1	Semester 2
Year 1	<a href="#">BSC100</a> Building Blocks for Science Students 3pts	<a href="#">CHE144</a> Foundations of Chemistry 3pts
	<a href="#">CHE140</a> Fundamentals of Chemistry 3pts	<a href="#">ENV102</a> Foundations of the Environment 3pts
	<a href="#">BIO103</a> Environmental Biology 3pts	<a href="#">MAS183</a> Statistical Data Analysis 3pts
	<a href="#">BIO180</a> Introduction to Marine Biology 3pts	<a href="#">BIO152</a> Cell Biology 3pts
	<u>12pts</u>	<u>12pts</u>
Year 2	<a href="#">MSP100</a> Career Learning 3pts	<a href="#">ENV241</a> Ecology 3pts
	<a href="#">BIO254</a> Marine Botany 3pts	<a href="#">BIO257</a> Australian Biodiversity 3pts
	<a href="#">ENV242</a> Atmospheric Science 3pts	<a href="#">BIO244</a> Animal Diversity 3pts
	<a href="#">BIO249</a> Fish and Wildlife Populations 3pts	<a href="#">ENV244</a> Oceanography and Marine Pollution 3pts
	<u>12pts</u>	<u>12pts</u>
Year 3	Breadth or Research Unit (see handbook) 3pts	Breadth or Research Unit (see handbook) 3pts
	<a href="#">BIO377</a> Marine Ecology 3pts	Breadth or Research Unit (see handbook) 3pts
	<a href="#">BIO356</a> Genetics and Evolution 3pts	<a href="#">BIO376</a> Wildlife Biology 3pts
	<a href="#">BIO375</a> Conservation Biology 3pts	<a href="#">ENV331</a> Environmental Management 3pts
	<u>12pts</u>	<u>12pts</u>

**Note: Breadth and Research Skills Unit Requirements**

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:**

Visit the [Handbook](#) → Select Advanced Search → Select Units → Filter Search: Special Unit Type = Breadth

**Research Skills Unit List**

BIO246 Microbiology - 3 points	BMS316 Parasitology: People, Pets and Wildlife - 3 points
MURDOCH: S1-internal	MURDOCH: S2-internal
BIO247 Biochemistry - 3 points	COD302 Creative Ways to Work with Community - 3 points
MURDOCH: S2-internal	MURDOCH: S2-internal, S2-external
BIO282 Molecular Biology - 3 points	ENV303 GIS for Environmental Management & Planning - 3 points
MURDOCH: S1-internal	MURDOCH: S2-internal, S2-external
BIO377 Marine Ecology - 3 points	ENV328 Environmental Policy and Law - 3 points
MURDOCH: S1-internal	MURDOCH: S1-internal, S1-external
BIO379 Evolutionary Analysis- 3 points	ENV332 Managing Wetlands and Water - 3 points
MURDOCH: S2-internal	MURDOCH: S2-internal, S2-external
BIO393 Tropical Marine Biology - 3 points	MAS223 Applied Statistics - 3 points
MURDOCH: W-internal	MURDOCH: S2-internal, S2-external
BIO394 Genetic Engineering - 3 points	MAS224 Biostatistical Methods - 3 points
MURDOCH: S1-internal	MURDOCH: S1-internal, S1-external
	SUS305 Economics of Sustainability - 3 points
	MURDOCH: W-internal, W-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.**