

**B1399 Bachelor of Science (Environmental & Conservation Sciences)  
(Marine Biology major)**

Academic Chair: [Mike van Keulen](#)

Start Date: Semester 1 2026

Year 1 – 2026	Semester 1 Units	CP	Semester 2 Units	CP	
	BIO103 Environmental Biology	3	ENV102 Foundations of the Environment	3	
	BIO180 Introduction to Marine Biology	3	MAS183 Foundations of Statistics	3	
	*CHE140 Fundamentals of Chemistry	3	Part I General Elective	3	
	§MAS164 or Part I General Elective	3	Discovery Unit	3	
	Winter Units	CP	Summer Units	CP	
<b>Total</b>		12	<b>Total</b>		12
Year 2 - 2027	Semester 1 Units	CP	Semester 2 Units	CP	
	BIO254 Marine Botany	3	BIO244 Animal Diversity	3	
	Part II General Elective or **ECS200 Research Methods in Ecology	3	ENV241 Ecology	3	
	Part II General Elective	3	Part II General Elective	3	
	Part II General Elective	3	Part II General Elective	3	
	Winter Units	CP	Summer Units	CP	
<b>Total</b>		12	<b>Total</b>		12
Year 3 - 2028	Semester 1 Units	CP	Semester 2 Units	CP	
	BIO377 Marine Ecology	3	BIO303 Marine Wildlife Populations & Management	3	
	Part II General Elective	3	Part II General Elective or **BIO380 Aquaculture	3	
	Part II General Elective	3	Part II General Elective or **ENV331 Environmental Management	3	
	Part II General Elective	3	ENV244 Oceanography & Marine Pollution	3	
	Winter Units	CP	Summer Units	CP	
<b>Total</b>		12	<b>Total</b>		12

**TOTAL CREDIT POINTS 24**

**Discovery Unit** 3 credit points. Discovery unit – you need to complete one discovery unit, we recommend you do this in your first year of study. See the Murdoch University handbook (B1399) for a list of discovery units available for the BSc Environmental and Conservation Sciences.

**Course Core** 15 Credit points (Note-Students who achieved a final scaled score of 50 percent or more in Chemistry ATAR within the past three years should seek an exemption for CHE140 Fundamentals of Chemistry).

**Major Core** 24 Credit points. The Marine Biology major includes 18 Credit points of **Core** units and 6 Credit points from a **\*\*Marine Biology Specified Elective** - two of the following: ECS200 – Research Methods in Ecology (S1); BIO380 – Aquaculture (S2); ENV331 – Environmental Management (S2); BIO393 – Tropical Marine Biology (Winter term); ENV344 Liveaboard Oceanography (Summer term).

**General Electives** 30 Credit points. Part I General Electives can be selected from any 100-level unit; Part II General Electives can be selected from any 200-300 level units (subject to unit pre-requisites). Students may consider using General Electives to meet the requirements of a second major, co-major or minor/s. This could include one additional Major or Co-Major or up to two Minors. It could also include one additional Major plus one cognate Minor. For further advice, please contact your Academic Chair.

**\*\*MAS164** is not required for your course but is strongly recommended as a General Elective in your first semester if you have not completed ATAR level maths (e.g. Maths Applications).

**Please note:** This course plan is a sample only and must be read in conjunction with the full course structure, unit prerequisites and enrolment options as outlined in the [Handbook](#). This information is correct as at 31/12/2025.