

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

Academic Chair: [Mike Van Keulen](#)

Start Date: Semester 2 2026

Year 1 – 2026	Semester 1 Units	CP	Semester 2 Units	CP
			CHE140 Fundamentals of Chemistry	3pts
			ENV102 Foundations of the Environment	3pts
			**MAS164 or Part I General Elective	3pts
			Discovery Unit or Part I General Elective	3pts
	Winter Units	CP	Summer Units	CP
	Total		Total	12
Year 2 - 2027	Semester 1 Units	CP	Semester 2 Units	CP
	BIO180 Introduction to Marine Biology	3pts	BIO244 Animal Diversity	3pts
	BIO103 Environmental Biology	3pts	ENV241 Ecology	3pts
	MAS183 Statistical Data Analysis	3pts	Part II General Elective	3pts
	Part I General Elective or Discovery Unit	3pts	Part II General Elective	3pts
	Winter Units	CP	Summer Units	CP
	Total	12	Total	12
Year 3 - 2028	Semester 1 Units	CP	Semester 2 Units	CP
	BIO254 Marine Botany	3pts	BIO303 Marine Wildlife Populations & Management	3pts
	Part II General Elective or *MB Specified Elective (see below)	3pts	ENV301 Oceanography & Marine Pollution	3pts
	Part II General Elective	3pts	Part II General Elective or *MB Specified Elective (see below)	3pts
	Part II General Elective	3pts	Part II General Elective	3pts
	Winter Units	CP	Summer Units	CP
	Total	12	Total	12
Year 3 - 2029	Semester 1 Units	CP	Semester 2 Units	CP
	BIO377 Marine Ecology	3pts		
	Part II General Elective or *MB Specified Elective (see below)	3pts		
	***ECS302 Professional Placement or Part II General Elective	3pts		
	Part II General Elective	3pts		
	Winter Units	CP	Summer Units	CP
	Total	12	Total	

TOTAL CREDIT POINTS 72

Conservation and Wildlife Biology major notes:

Discovery Unit 3 credit points - 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 ***MB Specified Elective** - two of the following: ECS200- Research Methods in Ecology (S1); BIO380 Aquaculture (S2); ENV331 Environmental Management (S2); BIO393 Tropical Marine Biology (W); ENV201 Liveaboard Oceanography (S).

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).

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***ECS302 Professional Placement in ECS is optional and not a self-enrolled unit – contact the unit coordinator.

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](#). Students should note that due to unit prerequisites, commencing study in Semester 2 may extend the duration of the course. This information is correct as at 03/2/2025.