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

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Start Date: Semester 1 2027

	Semester 1 Units	CP	Semester 2 Units	CP
Year 1 – 2027	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**
	Total	12	**Total**	12
Year 2 - 2028	**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**
			**ENV201 Liveaboard Oceanography	3
	Total	12	**Total**	12
Year 3 - 2029	**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	ENV301 Oceanography & Marine Pollution	3
	Winter Units	**CP**	**Summer Units**	**CP**
	**BIO393 Tropical Marine Biology	3		
	Total	12	**Total**	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 for your year of commencement. 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 3/11/2026.