

B1399 Bachelor of Science (Environmental Science and Management)

Academic Chair: [Dr Michael Hughes](#)

Start Date: Semester 1 2024

Year 1 – 2024	Semester 1 Units	CP	Semester 2 Units	CP
		CHE140 Fundamentals of Chemistry	3	MSP100 Career Learning (Spine)
	BIO103 Environmental Biology	3	ENV102 Foundations of the Environment	3
	*ENV Specified Elective	3	MAS183 Statistical Data Analysis	3
	*MAS164 or Part I General Elective	3	*ENV Specified Elective or Part I General Elective	3
	Total	12	Total	12
Year 2 - 2025	Semester 1 Units	CP	Semester 2 Units	CP
		ENV246 Protected Area Management & Planning	3	MSP200 Building Enterprise Skills (Spine)
	*ENV Specified Elective	3	ENV241 Ecology	3
	*ENV Specified Elective or Part II General Elective	3	Part II General Elective	3
	Part II General Elective	3	Part II General Elective	3
	Total	12	Total	12
Year 3 - 2026	Semester 1 Units	CP	Semester 2 Units	CP
		ENV328 Environmental Policy and Law	3	MSP201 real world learning or ECS302 Professional Placement in Environmental and Conservation Sciences
	*ENV Specified Elective or Part II General Elective	3	ENV331 Environmental Management	3
	Part II General Elective	3	ENV332 Managing Wetlands and Water	3
	Part II General Elective	3	*ENV Specified Elective or Part II General Elective	3
	Total	12	Total	12

TOTAL CREDIT POINTS 72

***Note: Environmental Science and Management Specified Electives.** Students should select one specified elective group as a specialization and complete 12 points (4 units) from the list of units in that group.

Specified Elective Group A - Environmental Science	Specified Elective Group B - Environmental Management & Sustainability
<p>Select 4 units from this list to specialise in Environmental Science</p> <ul style="list-style-type: none"> CHE144 Foundations of Chemistry (3 points) MURDOCH: S1-internal & external, S2-internal & external ENV243 Water & Earth Science (3 points) MURDOCH: S1-internal or external ENV242 Atmospheric & Climate Science (3 points) MURDOCH: S1-internal or external ENV244 Oceanography & Marine Pollution (3 points) MURDOCH: S2-internal ENV303 Geographic Information Systems for Environmental Management & Planning (3 points) MURDOCH: S2-internal or external ENG221 Pollution and its Control (3 points) MURDOCH: S2-internal ECS200 Applied Ecological Approaches (3 points) MURDOCH: S1- internal 	<p>Select 4 units from this list to specialise in Environmental Management & Sustainability</p> <ul style="list-style-type: none"> SUS100 Sustainable Development (3 points) MURDOCH: S1-internal or external, S2-internal or external ENV278 Nature-based Tourism (3 points) MURDOCH: S1-internal or external ENV245 Global & Regional Sustainability (3 points) MURDOCH: S1-internal or external ENV334 Environmental Restoration (3 points) MURDOCH: S1-internal or external ENV303 Geographic Information Systems for Environmental Management & Planning (3 points) MURDOCH: S2-internal or external ECS200 Applied Ecological Approaches (3 points) MURDOCH: S1- internal

The BSc course is made up of the following components:

Course Core 15 Credit points

Major 24 Credit points; the Environmental Science and Management major includes 12 Credit points of **Core** units to the major and 12 Credit points of **Specified Elective** units.

Murdoch Spine 9 Credit points. Units can be selected from those listed in the University Handbook published in the academic year the student intends to enrol in them.

General Electives 24 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 offered by the university, subject to unit prerequisites. Students may consider using General Electives to meet the requirements of a second major, co-major or minor. **Either** 1 additional major, 1 co-major, **or** 1-2 minors can be added to a BSc. ***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.

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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 13/10/2023.