

B1399 Environmental and Conservation Sciences (Environmental Science and Management)

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Start Date: Semester 1 2027

Year 1 – 2027	Semester 1 Units	CP	Semester 2 Units	CP
	BIO103 Environmental Biology	3	ENV102 Foundations of the Environment	3
	#CHE140 Fundamentals of Chemistry	3	MAS183 Statistical Data Analysis	3
	\$MAS164 or Part I General Elective	3	Part I General Elective	3
	%Discovery unit OR Part I General Elective	3	%Discovery unit OR Part I General Elective	3
	Winter Units	CP	Summer Units	CP
	Total	12	Total	12
Year 2 – 2028	Semester 1 Units	CP	Semester 2 Units	CP
	ENV246 Protected Area Management & Planning	3	ENV241 Ecology	3
	@Specified Elective	3	@Specified Elective	3
	@Specified Elective or General Elective	3	@Specified Elective or General Elective	3
	Part II General Elective	3	Part II General Elective	3
	Winter Units	CP	Summer Units	CP
	Total	12	Total	12
Year 3 – 2029	Semester 1 Units	CP	Semester 2 Units	CP
	@Specified Elective	3	ENV328 Environmental Policy and Law	3
	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
	Winter Units	CP	Summer Units	CP
	Total	12	Total	12

TOTAL CREDIT POINTS 72

Environmental Science and Management major notes:

CHE140 is only required if weak or no high school (3A/3B) Chemistry. It is available in both S1 and S2.

\$ 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.

% Discovery units: Complete 1 discovery unit selected from the discovery unit list provided in the Murdoch University Course Handbook

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

ESM Specified Elective Group A	ESM Specified Elective Group B
<i>Select 4 units from this list to specialise in Environmental Science</i> - CHE144 Foundations of Chemistry (3 cp) S1 or S2 - ECS200 Research Methods in Ecology (3 cp) S1 - ENG221 Pollution and its Control (3 cp) S2 - ENV242 Atmospheric & Climate Science (3 cp) S1 - ENV243 Water & Earth Science (3 cp) S1 - ENV244 Oceanography & Marine Pollution (3 cp) S2 - ENV303 Geographic Information Systems for Environmental Management & Planning (3 cp) S2	<i>Select 4 units from this list to specialise in Environmental Management</i> - ECS200 Research Methods in Ecology (3 cp) S1 - ENV245 Global & Regional Sustainability (3 cp) S1 - ENV278 Recreation Ecology and Nature-based Tourism (3 cp) S1 - ENV303 Geographic Information Systems for Environmental Management & Planning (3 cp) S2 - ENV334 Environmental Restoration (3 cp) S1 - SUS100 Sustainable Development (3 cp) S1 or S2 - SUS305 Economics of Sustainability (3 cp) S2 - PHL211 Environmental Justice (3 cp) S2 (offered every 2nd yr)

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 DD/MM/YY.