

# B1399 Bachelor of Science (Environmental Science and Management)

Academic Chair: [Dr Michael Hughes](#)

Start Date: Semester 2 2025

Year 1 - 2025			CP	Semester 2 Units		CP
				ENV102 Foundations of the Environment		3
				CHE140 Fundamentals of Chemistry		3
				*ENV Specified Elective		3
				*MAS164 or Part I General Elective		3
				Total		12
Year 2 - 2026	Semester 1 Units		CP	Semester 2 Units		CP
	MSP100 Career Learning (Spine)		3	MSP200 Building Enterprise Skills (Spine)		3
	MAS183 Statistical Data Analysis		3	ENV241 Ecology		3
	BIO103 Environmental Biology		3	Part II General Elective		3
	*ENV Specified Elective <i>or</i> Part I General Elective		3	Part II General Elective		3
		Total		Total		12
Year 3 - 2027	Semester 1 Units		CP	Semester 2 Units		CP
	ENV246 Protected Area Management & Planning		3	ENV328 Environmental Policy and Law		3
	*ENV Specified Elective		3	ENV331 Environmental Management		3
	*ENV Specified Elective <i>or</i> Part II General Elective		3	ENV332 Managing Wetlands and Water		3
	Part II General Elective		3	*ENV Specified Elective <i>or</i> Part II General Elective		3
		Total		Total		12
Year 4 - 2028	Semester 1 Units		CP			CP
	MSP201 Real World Learning (Spine) <i>or</i> ECS302 Professional Placement in Environmental and Conservation Sciences		3			
	*ENV Specified Elective <i>or</i> Part II General Elective		3			
	Part II General Elective		3			
	Part II General Elective		3			
		Total				12

**TOTAL CREDIT POINTS 72**

## Environmental Science and Management major notes:

# All spine units and ECS302 are available in S1, S2, Summer and Winter. ECS302 is not a self-enrolled unit – contact the unit coordinator. MSP201 is not a self-enrolled unit and requires an approved application to grant enrolment. See more info about MSP201 in the Handbook.

\*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.

**\*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"> <li>CHE144 Foundations of Chemistry (3 points) S1 or S2</li> <li>ENV242 Atmospheric &amp; Climate Science (3 points) S1</li> <li>ENV243 Water &amp; Earth Science (3 points) S1</li> <li>ENV244 Oceanography &amp; Marine Pollution (3 points) S2</li> <li>ENV303 Geographic Information Systems for Environmental Management &amp; Planning (3 points) S2</li> <li>ENG221 Pollution and its Control (3 points) S2</li> </ul>	<p>Select 4 units from this list to specialise in Environmental Management &amp; Sustainability</p> <ul style="list-style-type: none"> <li>SUS100 Sustainable Development (3 points) S1 or S2</li> <li>ENV245 Global &amp; Regional Sustainability (3 points) S1</li> <li>ENV278 Nature-based Tourism (3 points) S1</li> <li>ENV303 Geographic Information Systems for Environmental Management &amp; Planning (3 points) S2</li> <li>ENV334 Environmental Restoration (3 points) S1</li> </ul>

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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 15 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.

**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.