

Sample Course Plan - Semester 1 2022 entry
B1399 Bachelor of Science (Environmental Science and Management) - 72 credit points
 Academic Chair: Dr Margaret Andrew, M.Andrew@murdoch.edu.au

Major Prerequisites: Chemistry Background				
Students who achieved a final scaled score of 50 percent or more in WACE Chemistry 3A/3B or Chemistry ATAR within the past three years should seek an exemption for CHE140 Fundamentals of Chemistry. Students who have completed previous chemistry not stated above should also consult their Academic Chair for clarification of their enrolment requirements.				
	Semester 1		Semester 2	
Year 1	BSC100 Building Blocks for Science Students	3pts	MSP100 Career Learning (Spine)	3pts
	CHE140 Fundamentals of Chemistry	3pts	ENV102 Foundations of the Environment	3pts
	MAS183 Statistical Data Analysis	3pts	*ENV Specified Elective or Part I General Elective	3pts
	BIO103 Environmental Biology	3pts	Part I General Elective	3pts
		<u>12pts</u>		<u>12pts</u>
Year 2	ENV246 Protected Area Management & Planning	3pts	MSP200 Building Enterprise Skills (Spine)	3pts
	*ENV Specified Elective	3pts	ENV241 Ecology	3pts
	*ENV Specified Elective or Part II General Elective	3pts	Part II General Elective	3pts
	Part II General Elective	3pts	Part II General Elective	3pts
		<u>12pts</u>		<u>12pts</u>
Year 3	ENV328 Environmental Policy and Law	3pts	MSP201 Real World Learning (Spine)	3pts
	*ENV Specified Elective or Part II General Elective	3pts	ENV331 Environmental Management	3pts
	Part II General Elective	3pts	ENV332 Managing Wetlands and Water	3pts
	Part II General Elective	3pts	*ENV Specified Elective or Part II General Elective	3pts
		<u>12pts</u>		<u>12pts</u>

***Note: Environmental Science and Management Specified Electives.** Students should select one specified elective group as a specialization and complete 9 points (3 units) from the list of units in that group.

Specified elective group A – Environmental Science	Specified elective group B – Environmental Management & Sustainability
<i>Select 3 units from this list if you choose to specialize in Environmental Science</i>	<i>Select 3 units from this list if you choose to specialize in Environmental Management & Sustainability</i>
CHE144 Foundations of Chemistry – 3 points MURDOCH: S1-internal, S1-external, S2-internal, S2-external	SUS100 Sustainable Development – 3 points MURDOCH: S1-internal, S1-external, S2-internal, S2-external
ENV243 Water & Earth Science – 3 points MURDOCH: S1-internal, S1-external	ENV278 Nature-based Tourism – 3 points MURDOCH: S1-internal, S1-external
ENV242 Atmospheric & Climate Science – 3 points MURDOCH: S1-internal, S1-external	ENV245 Global & Regional Sustainability – 3 points MURDOCH: S1-internal, S1-external
ENV244 Oceanography & Marine Pollution – 3 points MURDOCH: S2-internal	ENV334 Environmental Restoration – 3 points MURDOCH: S1-internal, S1-external
	ENV303 Geographic Information Systems for Environmental Management & Planning – 3 points MURDOCH: S2-internal, S2-external

Most Murdoch units are worth three credit points, with a total of 24 units making up the 72 points required to complete the degree. The BSc course is made up of the following components:

Course Core 15 Credit points

Major 24 Credit points total; the Environmental Science and Management major is made up of 15 Credit points of **Core** units to the major and 9 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 or Options 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 are advised to consider using General Elective points 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.

Disclaimer: This course plan is a **sample only** and must be read in conjunction with the full course structure, unit prerequisites and enrolment options as per the online [Handbook](#). This course plan will vary depending on chosen additional majors/minors and your academic progression. Students should note that due to unit prerequisites, commencing study in semester 2 may extend the duration of the course.