

**Sample Course Plan - Semester 1 2019 entry**  
**B1317 Bachelor of Science ([Conservation and Wildlife Biology](#)) - 72 credit points**

Academic Chair: Dr Barbara Bowen, [B.Bowen@murdoch.edu.au](mailto:B.Bowen@murdoch.edu.au)

**Major Prerequisites: Chemistry Background**

Students who achieved a final scaled score of 50 percent or more in Chemistry 3A/3B or Chemistry ATAR within the past three years should seek an exemption from their Academic Chair 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	<a href="#">BSC100</a> Building Blocks for Science Students 3pts <a href="#">CHE140</a> Fundamentals of Chemistry 3pts <a href="#">MAS183</a> Statistical Data Analysis 3pts <a href="#">BIO103</a> Environmental Biology 3pts <hr/> 12pts	<a href="#">BSC150</a> What is Science? 3pts <a href="#">BIO152</a> Cell Biology 3pts <a href="#">ENV102</a> Foundations of the Environment 3pts Part I General Elective 3pts <hr/> 12pts
Year 2	Part II Breadth unit ( <i>see note below</i> ) 3pts <a href="#">BIO249</a> Fish and Wildlife Populations 3pts Part II General Elective 3pts Part II General Elective 3pts <hr/> 12pts	Research Skills unit ( <i>see note below</i> ) 3pts <a href="#">BIO257</a> Australian Biodiversity 3pts <a href="#">ENV241</a> Ecology 3pts Part II General Elective 3pts <hr/> 12pts
Year 3	Part II Breadth unit ( <i>see note below</i> ) 3pts <a href="#">BIO356</a> Genetics and Evolution 3pts <a href="#">BIO375</a> Conservation Biology 3pts Part II General Elective 3pts <hr/> 12pts	Research Skills unit ( <i>see note below</i> ) 3pts <a href="#">BIO376</a> Wildlife Biology 3pts Part II General Elective 3pts Part II General Elective 3pts <hr/> 12pts

**Note: Part II Breadth and Research Skills Unit Requirements**

Students require 6pts of Breadth units and 6pts of Research Skills units for Part II of their degree.

Select from the prescribed lists of options – below.

*Please note: A unit cannot be used to satisfy both the Breadth or Research Skills Unit requirements and the requirements of a major or minor. If taken at 100 level the unit(s) will be attributed to Part I. Note that no more than 30 credit points at Part I may be credited towards course completion requirements.*

**Breadth Units List:**

Choose from list here: <http://handbook.murdoch.edu.au/units/?year=2019&discip=University+Breadth&sort=UnitCd>

**Research Skills Unit List: Conservation and Wildlife Biology Major**

[ENV303](#) GIS for Environmental Management and Planning - 3 points

MURDOCH: S2-internal, S2-external

[BIO246](#) Microbiology - 3 points

MURDOCH: S1-internal

[BMS316](#) Parasitology - 3 points

MURDOCH: S2-internal

[MAS223](#) Applied Statistics - 3 points

MURDOCH: S2-internal, S2-external

[MAS224](#) Biostatistical Methods - 3 points

MURDOCH: S1-internal, S1-external

[BIO282](#) Molecular Biology - 3 points

MURDOCH: S1-internal

[BIO394](#) Genetic Engineering - 3 points

MURDOCH: S1-internal

[BIO377](#) Marine Ecology - 3 points

MURDOCH: S1-internal

[ENV328](#) Environmental Policy and Law - 3 points

MURDOCH: S1-internal, S1-external

[SUS305](#) Economics of Sustainability - 3 points

MURDOCH: W-internal, W-external

[COD302](#) Creative Ways to Work with Community - 3 points

MURDOCH: S2-internal, S2-external

[BIO247](#) Biochemistry - 3 points

MURDOCH: S2-internal

[ENV332](#) Managing Wetlands and Water - 3 points

MURDOCH: S2-internal, S2-external

[BIO393](#) Tropical Marine Biology - 3 points

MURDOCH: W-internal (quota of 40 places)

**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.**