

**Sample Course Plan - Semester 1 2019 entry**  
**B1317 Bachelor of Science (Crop and Pasture Science) - 72 credit points**  
 Academic Chair: Associate Professor Graham O'Hara, [G.Ohara@murdoch.edu.au](mailto:G.Ohara@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="#">BSC150</a> What is Science?	3pts
	<a href="#">CHE140</a> Fundamentals of Chemistry	3pts	<a href="#">BIO152</a> Cell Biology	3pts
	<a href="#">MAS183</a> Statistical Data Analysis	3pts	<a href="#">BMS107</a> Foundations of Vertebrate Form and Function	3pts
	<a href="#">ANS105</a> Agricultural Science and Food Production	3pts	Option	<u>12pts</u>
		<u>12pts</u>		
Year 2	Breadth unit ( <i>see note below</i> )	3pts	Research Skills unit ( <i>see note below</i> )	3pts
	<a href="#">ENV243</a> Water and Earth Science	3pts	<a href="#">ANS207</a> Crop and Pasture Science	3pts
	Option	3pts	<a href="#">ANS208</a> Crop Protection and Plant Biosecurity	3pts
	Option	3pts	Option	<u>12pts</u>
		<u>12pts</u>		
Year 3	Breadth unit ( <i>see note below</i> )	3pts	Research Skills unit ( <i>see note below</i> )	3pts
	<a href="#">ANS309</a> Agricultural Markets, Economics and Policy	3pts	<a href="#">ANS312</a> Advanced Crop and Pasture Science	3pts
	Option	3pts	<a href="#">ANS311</a> Agricultural and Environmental Technologies	3pts
	Option	3pts	Option	<u>12pts</u>
		<u>12pts</u>		

**Note: 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: Crop and Pasture Science**

**Major**

[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

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

MURDOCH: S2-internal, S2-external

[CMS100](#) Introduction to Communication - 3 points

MURDOCH: S1-internal, S1-external

**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.**