

Sample Course Plan - Semester 1 2019 entry
B1317 Bachelor of Science ([Animal Science](#)) - 72 credit points
 Academic Chair: Dr Andrew Thompson, Andrew.Thompson@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	BSC100 Building Blocks for Science Students 3pts CHE140 Fundamentals of Chemistry 3pts MAS183 Statistical Data Analysis 3pts Option (<i>ANS102 recommended for Vet Transfer</i>) 3pts <hr style="width: 50%; margin-left: 0;"/> 12pts	BSC150 What is Science? 3pts BIO152 Cell Biology 3pts BMS107 Foundations of Vertebrate Form and Function 3pts ANS101 Introduction to Livestock Science and Genetics 3pts <hr style="width: 50%; margin-left: 0;"/> 12pts
Year 2	Breadth unit (<i>see note below</i>) 3pts VET272 Comparative Mammalian Biochemistry 3pts ANS230 Animal Production Systems II 3pts Option 3pts <hr style="width: 50%; margin-left: 0;"/> 12pts	Research unit (<i>see note below</i>) 3pts ANS221 Animal Structure and Function 3pts Option 3pts Option 3pts <hr style="width: 50%; margin-left: 0;"/> 12pts
Year 3	Breadth unit (<i>see note below</i>) 3pts VET380 Veterinary Nutrition and Animal Toxicology 3pts ANS333 Animal Production Systems III 3pts Option (<i>recommended: ANS301 New Colombo Plan Agricultural China Study Tour</i>) 3pts <hr style="width: 50%; margin-left: 0;"/> 12pts	Research unit (<i>see note below</i>) 3pts ANS337 Animal Industry Experience 3pts Option 3pts Option 3pts <hr style="width: 50%; margin-left: 0;"/> 12pts

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: Animal Science Major

[MAS223](#) Applied Statistics - 3 points

MURDOCH: S2-internal, S2-external

[MAS224](#) Biostatistical Methods - 3 points

MURDOCH: S1-internal, S1-external

[BIO246](#) Microbiology - 3 points

MURDOCH: S1-internal

[BMS316](#) Parasitology - 3 points

MURDOCH: S2-internal

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

MURDOCH: S2-internal, S2-external

[BIO282](#) Molecular Biology - 3 points

MURDOCH: S1-internal

[BIO394](#) Genetic Engineering - 3 points

MURDOCH: S1-internal

[COM103](#) Foundations of Communication - 3 points

MURDOCH: S2-internal, S2-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.