

# Bachelor of Science (B1317) - double major in Animal Health and Animal Science

For students commencing in Semester 1 2019 at the South Street, Murdoch Campus

This sample study plan is based on the 2019 course structure and offerings. It is the responsibility of students to ensure the correct availability of units in each semester of each academic year.

Academic Chair: Associate Professor Graham Gardner (G.Gardner@murdoch.edu.au)

	Semester 1		Semester 2	
Year 1	<b>BSC100 Building Blocks for Science Students</b>	3pts	<b>ANS101 Introduction to Livestock Science and Genetics</b>	3pts
	<b>ANS102 Introduction to the Animal Body</b>	3pts	<b>BIO152 Cell Biology</b>	3pts
	<b>CHE140 Fundamentals of Chemistry*</b>	3pts	<b>BMS107 Foundations of Vertebrate Form and Function</b>	3pts
	<b>MAS183 Statistical Data Analysis</b>	3pts	<b>BSC150 What is Science?</b>	3pts
		12pts		12pts
Year 2	<b>Research Skills Unit</b>	3pts	<b>VET278 Principles of Infectious Disease II – Veterinary Parasitology</b>	3pts
	<b>VET272 Comparative Mammalian Biochemistry</b>	3pts	<b>ANS221 Animal Structure &amp; Function</b>	3pts
	<b>ANS230 Animal Production Systems II</b>	3pts	<b>VET211 Principles of Infectious Disease I – Veterinary Microbiology</b>	3pts
	<b>Option</b>	3pts	<b>Breadth Unit</b>	3pts
		12pts		12pts
Year 3	<b>Research Skills Unit</b>	3pts	<b>ANS337 Animal Industry Experience</b>	3pts
	<b>VET380 Veterinary Nutrition &amp; Animal Toxicology</b>	3pts	<b>VET392 One Health</b>	3pts
	<b>ANS333 Animal Production Systems III</b>	3pts	<b>Breadth Unit</b>	3pts
	<b>ANS313 Pathology &amp; Diseases of Production Animals</b>	3pts	<b>Option</b>	3pts
		12pts		12pts

\*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.

## Research Skills Unit List

### Animal Health Major

BSC200 Research in the Physical and Life Sciences  
 MAS223 Applied Statistics  
 MAS224 Biostatistical Method  
 BIO282 Molecular Biology  
 BIO394 Genetic Engineering  
 ENV303 GIS for Environmental Management and Planning  
 COM103 Foundations of Communication  
 BMS317 Human Pharmacology

### Animal Science Major

BSC200 Research in the Physical and Life Sciences  
 MAS223 Applied Statistics  
 MAS224 Biostatistical Method  
 BIO246 Microbiology  
 BMS316 Parasitology: People, Pets and Wildlife  
 ENV303 GIS for Environmental Management and Planning  
 COM103 Foundations of Communication  
 BIO394 Genetic Engineering  
 BIO282 Molecular Biology