

Course Plan – Semester 2, 2021 entry
B1376 Bachelor of Agricultural Science
Animal Science + Animal Health double major - 72 credit points
Academic Chair Animal Science: Associate Professor Andrew Thompson
Email: Andrew.Thompson@murdoch.edu.au
Academic Chair Animal Health: Associate Professor Caroline Jacobson
Email: C.Jacobson@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. The following course plan applies for students that are not granted an exemption for CHE140.

Semester 1			Semester 2		
Year 1			ANS101 Introduction to Livestock Science and Genetics	3 pts	
			BMS107 Foundations of Vertebrate Form and Function	3 pts	
			BSC100 Building Blocks for Science Students	3 pts	
			CHE140 Fundamentals of Chemistry	3 pts	12 pts
Year 2	ANS102 Introduction to the Animal Body	3 pts	ANS221 Animal Structure and Function	3 pts	
	BIO152 Cell Biology	3 pts	VET211 Principles of Infectious Disease I - Veterinary Microbiology	3 pts	
	MAS183 Statistical Data Analysis	3 pts	VET278 Principles of Infectious Disease II - Veterinary Parasitology	3 pts	
	Part II Murdoch Spine Unit*(<i>see note below</i>)	3 pts	MSP100 Career Learning: Managing Your Career	3 pts	
		12 pts			12 pts
Year 3	ANS230 Animal Production Systems II	3 pts	ANS337 Animal Industry Experience	3 pts	
	ANS333 Animal Production Systems III	3 pts	Part II Murdoch Spine Unit*(<i>see note below</i>)	3 pts	
	VET272 Comparative Mammalian Biochemistry	3 pts	Part I or II General Elective	3 pts	
	VET380 Veterinary Nutrition and Animal Toxicology	3 pts	Part II General Elective	3 pts	
		12 pts			12 pts
Year 4	ANS313 Pathology and Diseases of Production Animals	3 pts	VET392 One Health	3 pts	
	Part II General Elective	3 pts	Part II General Elective	3 pts	
		6 pts			6 pts

***Part II Murdoch Spine: Career learning Units**

Select from the following:

[MSP200](#) Building Enterprise Skills – 3 pts

MURDOCH: S1-external, S2-external

[MSP201](#) Real World Learning – 3 pts

MURDOCH: S1-external, S2-external, SUM-external, W-external, Y-external

[ANS302](#) Farm Placement – 3 pts (is an alternative to MSP200 or MSP201)

MURDOCH: S1-placement, S2-placement, SUM-placement, W-placement, Y-placement

[ANS303](#) Industry Tour – 3 pts (is an alternative to MSP201)

MURDOCH: S2-internal

Recommended General Electives:

[ANS301](#) International Study Tour Opportunities – 3 pts

MURDOCH: S2N-internal

[ANS363](#) Applied Animal Agriculture – 3 pts

MURDOCH: S1-internal, S2-internal, Y-internal

[ANS364](#) Applied Animal Breeding – 3 pts

MURDOCH: S1-internal, S2-internal, Y-internal

[ANS365](#) Equine Physiology and Behaviour – 3 pts

MURDOCH: S1-internal

[ANS366](#) Equine Nutrition and Health – 3pts

MURDOCH: S2-internal

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 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.

