

Course Plan – Semester 1, 2021 entry
B1391 Bachelor of Agricultural Science
Animal Health major - 72 credit points
Academic Chair Animal Health: Professor Graham Gardner
Email: G.Gardner@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	ANS102 Introduction to the Animal Body	3pts	BIO152 Cell Biology		3pts
	BSC100 Building Blocks for Science Students	3pts	MS107 Foundations of Vertebrate Form and Function		3pts
	CHE140 Fundamentals of Chemistry	3pts	MSP100 Career Learning: Managing Your Career		3pts
	MAS183 Statistical Data Analysis	3pts	Part I or II General Elective		3pts
		12pts			12pts
Year 2	VET272 Comparative Mammalian Biochemistry	3pts	ANS221 Animal Structure and Function		3pts
	Part II General Elective	3pts	VET211 Principles of Infectious Disease I - Veterinary Microbiology		3pts
	Murdoch Spine Unit*	3pts	VET278 Principles of Infectious Disease II - Veterinary Parasitology		3pts
	Part II General Elective	3pts	Part II General Elective		3pts
		12pts			12pts
Year 3	ANS313 Pathology and Diseases of Production Animals	3pts	VET392 One Health		3pts
	Part II General Elective	3pts	Part II Murdoch Spine Unit*		3pts
	Part II General Elective	3pts	Part II General Elective		3pts
	Part II General Elective	3pts	Part II General Elective		3pts
		12pts			12pts

***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

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