

Sample Course Plan - Semester 1 2022 entry
B1391 Bachelor of Agricultural Science
Crop & Pasture Science major - 72 credit points
Academic Chair Crop and Pasture Science: Dr Graham O'Hara
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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	ANS105 Agricultural Science and Food Production	3pts	BIO152 Cell Biology	3pts
	BSC100 Building Blocks for Science Students	3pts	MSP100 Career Learning: Managing Your Career	3pts
	CHE140 Fundamentals of Chemistry	3pts	Part I or II General Elective	3pts
	MAS183 Statistical Data Analysis	3pts	Part I or II General Elective	3pts
		12pts		12pts
Year 2	ENV243 Water and Earth Science	3pts	ANS207 Crop and Pasture Science	3pts
	Part II Murdoch Spine Unit*	3pts	ANS208 Crop Protection and Plant Biosecurity	3pts
	Specified Elective** or General Elective	3pts	Specified Elective** or General Elective	3pts
	Part II General Elective	3pts	Part II General Elective	3pts
		12pts		12pts
Year 3	ANS309 Agricultural Markets, Economics and Policy	3pts	ANS311 Agricultural and Environmental Technologies	3pts
	Part II Murdoch Spine Unit*	3pts	ANS312 Advanced Crop and Pasture Science	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

****Specified Electives:**

[BIO246](#) Microbiology - 3 points

MURDOCH: S1-internal

[BIO282](#) Molecular Biology - 3 points

MURDOCH: S1-internal

[MAS223](#) Applied Statistics - 3 points

MURDOCH: S2-internal, S2-external

[BIO257](#) Australian Biodiversity - 3 points

MURDOCH: S2-internal

[ENV303](#) GIS for Environmental Management and Planning - 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](#). Students should note that due to unit prerequisites, commencing study in semester 2 may extend the duration of the course. Correct as at 17.01.2020

Recommended General Electives:

[ANS101](#) Introduction to Livestock Science and Genetics – 3 pts

MURDOCH: S2-internal

[BMS107](#) Foundations of Vertebrate Form and Function – 3 pts

MURDOCH: S2-internal

[ANS230](#) Animal Production Systems II – 3 pts

MURDOCH: S1-internal

[ENV242](#) Atmospheric and Climate Science – 3 pts

MURDOCH: S1-internal

[BIO247](#) Biochemistry – 3 pts

MURDOCH: S2-internal

[MAS224](#) Biostatistical Methods – 3 pts

MURDOCH: S1-internal, S1 - external

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

MURDOCH: S2-internal

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

MURDOCH: S2-internal

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

MURDOCH: S1-internal

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

MURDOCH: S1-internal