

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
Page 1 1

Sample Course Plan - Semester 1 2021 entry

B1391 Bachelor of Agricultural Science

Crop and Pasture Science major - 72 credit points

Academic Chair Crop and Pasture Science: Dr Graham O'Hara

Email: gohara@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 MAS183 Statistical Data Analysis CHE140 Fundamentals of Chemistry ANS105 Agricultural Science and Food Production	3pts 3pts 3pts 3pts 12pts	BIO152 Cell Biology MSP100 Career Learning: Managing Your Career Part I General elective Part I General elective	3pts 3pts 3pts 3pts 12pts
Year 2	ENV243 Water and Earth Science Specified Elective* (list below) Part II Murdoch Spine Unit** (see note below) Part II General Elective	3pts 3pts 3pts 3pts 12pts	ANS207 Crop and Pasture Science ANS208 Crop Protection and Plant Biosecurity Specified Elective* (list below) Part II General Elective	3pts 3pts 3pts 3pts 12pts
Year 3	ANS309 Agricultural Markets, Economics and Policy Part II Murdoch Spine Unit** (see note below) Part II General Elective Part II General Elective	3pts 3pts 3pts 3pts 12pts	ANS311 Agricultural and Environmental Technologies ANS312 Advanced Crop and Pasture Science Part II General Elective Part II General Elective	3pts 3pts 3pts 3pts 12pts

***Specified Electives** Choose one of the following five units:

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

****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

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

[BIO230](#) 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: S2N-internal