

Sample Course Plan - Semester 1, 2022 entry
B1380 Bachelor of Science (MMFS) - 72 credit points

Major: Biomedical Science

Academic Chair: A/Prof Wayne Greene | Email: W.Greene@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 will be exempt from [CHE140](#) Fundamentals of Chemistry. Students who have completed previous chemistry not stated above should consult their Academic Chair for clarification of their enrolment requirements.

	Semester 1		Semester 2	
Year 1	BSC100 Building Blocks for Science	3pts	MSP100 Career Learning	3pts
	CHE140 Fundamentals of Chemistry	3pts	BIO152 Cell Biology	3pts
	MAS183 Statistical Data Analysis	3pts	BMS107 Vertebrate Form & Function	3pts
	BMS101 Introduction to the Human Body	3pts	General Elective	3pts
		<u>12pts</u>		<u>12pts</u>
Year 2	BMS206 Biomedical Physiology	3pts	BIO247 Biochemistry	3pts
	BMS212 Medical Microbiology*	3pts	BMS211 Immunology & Molecular Genetics	3pts
	General Elective	3pts	General Elective	3pts
	General Elective	3pts	MSP200 Building Enterprise Skills	3pts
		<u>12pts</u>		<u>12pts</u>
Year 3	BMS314 Pathological Basis of Disease	3pts	BMS315 Advances in Medical Science	3pts
	BMS317 Human Pharmacology	3pts	Murdoch Spine: Career Learning Unit#	3pts
	General Elective	3pts	General Elective	3pts
	General Elective	3pts	General Elective	3pts
		<u>12pts</u>		<u>12pts</u>

***And/Or:**

- BMS316 Parasitology (S2)

#Murdoch Spine: Career Learning Unit

Choose one from the following:

- MSP201 Real World Learning
- VLS302 Professional Placement in Veterinary and Life Sciences

Recommended General Electives:

BIO282 Molecular Biology
 BIO394 Genetic Engineering
 BIO356 Genetics & Evolution
 BIO367 Forensic Toxicology
 BIO390 Metabolic & Cellular Biochemistry
 BIO378 Systems Biology
 BMS213 Forensic Anatomy and Anthropology
 BIO309 Omics Technologies & Bioinformatics
 BIO311 Interactive Data Analytics & Visualisation

MAS224 Biostatistical Methods
 BMS316 Parasitology
 FSN200 Principles of Nutrition
 FSN202 Nutrition & Disease
 BRD202 Drugs in Society
 BMS321 Histology
 BMS218 Haematology

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 additional majors/minors.

