Sample Course Plan - Semester 1, 2023 entry
B1380 Bachelor of Science (MMFS) - 72 credit points

Major: Biomedical Science

Academic Chair: Associate Professor Wayne Greene | Email: W.Greene@murdoch.edu.au

Major Prerequisite: 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 granted a preclusion from CHE140 Fundamentals of Chemistry (and will take another unit in its place). Students who have completed previous chemistry not stated above should consult their Academic Chair for clarification of their chemistry 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
		12pts		12pts
Year 2	BMS206 Biomedical Physiology	3pts	BIO247 Biochemistry	3pts
	BMS212 Medical Microbiology*	3pts	BMS211 Immunology & Molecular Genetics	3pts
	General Elective	3pts	Career Learning Unit#	3pts
	General Elective	3pts	General Elective	3pts
		12pts		12pts
Year 3	BMS314 Pathological Basis of Disease	3pts	BMS315 Advances in Medical Science	3pts
	BMS317 Human Pharmacology	3pts	Career Learning Unit#	3pts
	General Elective	3pts	General Elective	3pts
	General Elective	3pts	General Elective	3pts
		12pts		12pts

***And/Or:**

- BMS316 Parasitology (S2)

#Career Learning Unit
Choose any two from the following:

- MSP200 Building Enterprise Skills
- MSP201 Real World Learning
- MSP202 Data Analytics and Storytelling in the 21st Century
- VLS302 Professional Placement in Veterinary and Life Sciences

Note: To complete a second major within the B1380 Bachelor of Science, take the core units of that major in place of the indicated general electives.

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

MAS223 Applied Statistics
MAS224 Biostatistical Methods
FSN200 Principles of Nutrition
FSN202 Nutrition and 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.