

Sample Course Plan - Semester 2, 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 CHE140 Fundamentals of Chemistry 3pts MAS183 Statistical Data Analysis 3pts BMS107 Vertebrate Form & Function 3pts <u>12pts</u>
Year 2	MSP100 Career Learning 3pts BMS101 Introduction to the Human Body 3pts BIO152 Cell Biology 3pts General Elective 3pts <u>12pts</u>	BIO247 Biochemistry 3pts BMS211 Immunology & Molecular Genetics 3pts General Elective 3pts General Elective 3pts <u>12pts</u>
Year 3	BMS206 Biomedical Physiology 3pts BMS212 Medical Microbiology* 3pts MSP200 Building Enterprise Skills 3pts General Elective 3pts <u>12pts</u>	BMS315 Advances in Medical Science 3pts General Elective 3pts General Elective 3pts General Elective 3pts <u>12pts</u>
Year 4	BMS314 Pathological Basis of Disease 3pts BMS317 Human Pharmacology 3pts Murdoch Spine: Career Learning Unit 3pts General Elective 3pts <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
 BMS321 Histology
 BMS218 Haematology
 BMS213 Forensic Anatomy and Anthropology
 BIO309 Omics Technologies & Bioinformatics

BIO311 Interactive Data Analytics & Visualisation
 MAS224 Biostatistical Methods
 FSN200 Principles of Nutrition
 FSN202 Nutrition & Disease
 BMS316 Parasitology
 BRD202 Drugs in Society

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.

