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

Major: Forensic Biology & Toxicology

Academic Chair: Dr Shane Tobe | Email: S.Tobe@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
	CHE103 Introduction to Forensic Science	3pts	CHE144 Foundations of Chemistry	3pts
	BMS101 Introduction to the Human Body	3pts	MAS183 Statistical Data Analysis	3pts
		12pts		12pts
Year 2	BIO282 Molecular Biology	3pts	BIO247 Biochemistry	3pts
	BMS213 Forensic Anatomy & Anthropology	3pts	Career Learning Unit*	3pts
	General Elective	3pts	General Elective	3pts
	General Elective	3pts	General Elective	3pts
		12pts		12pts
Year 3	BIO359 Forensic DNA Analysis	3pts	BIO367 Forensic Toxicology	3pts
	General Elective	3pts	BIO315 Bodies of Evidence	3pts
	General Elective	3pts	Career Learning Unit*	3pts
	General Elective	3pts	General Elective	3pts
		12pts		12pts

***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.

General Electives can be an elective unit or units towards a second major/minor. Students should keep in mind the Part 1 rule where no more than ten 100 level units are allowed.

Recommended Electives:
BMS107 Foundations of Vertebrate Form and Function
BMS206 Biomedical Physiology
BMS211 Medical Immunology and Molecular Genetics
BMS218 Haematology
BMS314 Pathological Basis of Disease
BMS315 Advances in Medical Science
BMS317 Pharmacology
BMS321 Histology
BMS327 Diagnostic Genomics
BIO309 Omics Technologies & Bioinformatics
BIO311 Interactive Data Analytics and Visualisation

BIO394 Genetic Engineering
BIO378 Systems biology
MAS223 Applied Statistics
MAS224 Biostatistical Methods
FSN200 Principles of Nutrition
FSN202 Nutrition and Disease

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.