

B1380 Bachelor of Science (MMFS) (Major: Clinical Laboratory Science)

Academic Chair: A/Prof [Murray Adams](#)

Start Date: Semester 2, 2023

Year 1 – 2023	Semester 1 Units	CP	Semester 2 Units	CP
				BSC100 Building Blocks for Science
			CHE140 Fundamentals of Chemistry	3
			MAS183 Statistical Data Analysis	3
			General Elective	3
	Total		Total	12
Year 2 - 2024	Semester 1 Units	CP	Semester 2 Units	CP
	MSP100 Career Learning	3	BMS218 Haematology	3
	BMS101 Introduction to the Human Body	3	BMS211 Immunology & Molecular Genetics	3
	BIO152 Cell Biology	3	General Elective	3
	General Elective	3	General Elective	3
	Total	12	Total	12
Year 3 - 2025	Semester 1 Units	CP	Semester 2 Units	CP
	BMS212 Medical Microbiology	3	Murdoch Spine: Career Learning Unit [#]	3
	BIO282 Molecular Biology	3	Specified Elective 1*	3
	MSP200 Building Enterprise Skills	3	Specified Elective 2 or General Elective*	3
	General Elective	3	General Elective	3
	Total	12	Total	12
Year 4 - 2026	Semester 1 Units	CP	Semester 2 Units	CP
	BMS321 Histology	3		
	BMS327 Diagnostic Genomics	3		
	Specified Elective 2 or General Elective*	3		
	General Elective	3		
	Total	12	Total	

TOTAL CREDIT POINTS 72

Specified Electives	#Murdoch Spine: Career Learning Unit
Choose two from the following: <ul style="list-style-type: none"> BMS322 Clinical Immunology - 3pts BMS324 Clinical Microbiology - 3pts BMS326 Clinical Haematology - 3pts 	Choose any two from the following: <ul style="list-style-type: none"> 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

Semester 1 notes	Semester 2 notes
Recommended General Electives: <ul style="list-style-type: none"> BIO309 Omics Technologies & Bioinformatics BIO356 Genetics & Evolution BIO394 Genetic Engineering BMS317 Pharmacology MAS224 Biostatistics 	Recommended General Electives: <ul style="list-style-type: none"> BIO311 Interactive Data Analytics & Visualisation BIO378 Systems Biology BIO390 Metabolic & Cellular Biochemistry BMS316 Parasitology MAS223 Applied Statistics

Please note: This course plan is a sample only and must be read in conjunction with the full course structure, unit prerequisites and enrolment options as outlined in the [Handbook](#). Students should note that due to unit prerequisites, commencing study in Semester 2 may extend the duration of the course. This information is correct as at 12/05/23.