

B1380 Bachelor of Science (Major: Clinical Laboratory Science)

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

Start Date: Semester 2, 2024

Year 1 – 2024	Semester 1 Units		CP	Semester 2 Units		CP
				BMS100 Transition into Biomedical Science	3	
				CHE140 Fundamentals of Chemistry	3	
				MAS183 Statistical Data Analysis	3	
				General Elective	3	
	Winter Units		CP	Summer Units		CP
	Total			Total		12
Year 2 - 2025	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	
	Winter Units		CP	Summer Units		CP
	Total		12	Total		12
Year 3 - 2026	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	
	Winter Units		CP	Summer Units		CP
	Total		12	Total		12
Year 4 - 2027	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				
	Winter Units		CP	Summer Units		CP
	Total		12	Total		

TOTAL CREDIT POINTS 72

Specified Electives

Choose two from the following:

- BMS322 Clinical Immunology - 3pts
- BMS324 Clinical Microbiology - 3pts
- BMS326 Clinical Haematology - 3pts

#Murdoch Spine: 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

Semester 1 notes	Semester 2 notes
<p>Recommended General Electives:</p> <ul style="list-style-type: none">• BIO309 Omics Technologies & Bioinformatics• BIO356 Genetics & Evolution• BIO394 Genetic Engineering• BMS317 Pharmacology• MAS224 Biostatistics	<p>Recommended General Electives:</p> <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 12/05/24.

MSP201 is not a self-enrolled unit and requires an approved application to grant enrolment. Students are required to organise their real-world learning experience prior to application for enrolment. See more info about the unit, eligibility, and application deadlines in the Handbook: <https://v3.pebblepad.com.au/spa/#/public/89jpzrpZ9j9jctmdcjxgHpjrrM>.