

B1380 Bachelor of Science

Major: Clinical Laboratory Science, Co-Major: Indigenous Knowledges and Practices

Academic Chair: A/Prof Murray Adams
(m.adams@murdoch.edu.au)

Start Date: Semester 1, 2025

Year	Semester 1 Units		Semester 2 Units			
	CP		CP			
Year 1 – 2025	BMS100 Transition into Biomedical Sciences	3	BIO152 Cell Biology	3		
	BMS101 Introduction to the Human Body	3	BMS103 Introduction to Medical, Molecular and Forensic Sciences	3		
	MAS183 Statistical Data Analysis	3	SIK102 - Wandju Boodja (Welcome to Country)	3		
	CHE140 Fundamentals of Chemistry	3	Elective	3		
	Winter Units		CP	Summer Units		CP
	Total		12	Total		12
	Year 2 - 2026	Semester 1 Units		CP	Semester 2 Units	
BIO282 Molecular Biology		3	BMS211 Medical Immunology	3		
BMS212 Medical Microbiology		3	BMS218 Haematology	3		
BMS221 Histology and Histotechnology		3	Career Learning Unit [#]	3		
SIK200 - Hot Topics in Indigenous Australia		3	SIK201 - Two-Way Science	3		
Winter Units		CP	Summer Units		CP	
Total		12	Total		12	
Year 3 - 2027	Semester 1 Units		CP	Semester 2 Units		CP
	BMS327 Diagnostic Genomics	3	Career Learning Unit [#]	3		
	SIK301 - Global Indigeneity: Exploring Indigenous Knowledges around the World	3	Specified Elective	3		
	COD301 - Indigenous Community Development	3	SIK300 - Indigenous Knowledges in Health and Wellbeing	3		
	Elective or Specified Elective	3	Elective or Specified Elective	3		
	Winter Units		CP	Summer Units		CP
	Total		12	Total		12

TOTAL CREDIT POINTS 72

#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

Specified Electives

Choose two from the following:

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

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.

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 enrolment requirements.

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](#). This information is correct as at 10/05/2023.