

B1419 Bachelor of Biomedical Science (Major: Clinical Laboratory Science)

Academic Chair: Professor Cassandra Berry
(c.berry@murdoch.edu.au)

Start Date: Semester 1, 2026

Year 1 – 2026	Semester 1 Units	CP	Semester 2 Units	CP
	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	General Elective	3
	CHE140 Fundamentals of Chemistry	3	General Elective	3
	Winter Units	CP	Summer Units	CP
	Total	12	Total	12
Year 2 - 2027	Semester 1 Units	CP	Semester 2 Units	CP
	BIO282 Molecular Biology	3	BMS211 Medical Immunology	3
	BMS212 Medical Microbiology	3	BMS218 Haematology	3
	BMS221 Histology and Histotechnology	3	General Elective	3
	Discovery (non-School unit)	3	General Elective	3
	Winter Units	CP	Summer Units	CP
	Total	12	Total	12
Year 3 - 2028	Semester 1 Units	CP	Semester 2 Units	CP
	General Elective or Specified Elective	3	General Elective	3
	BMS327 Diagnostic Genomics	3	Specified Elective	3
	General Elective	3	General Elective or Specified Elective	3
	General Elective	3	General Elective	3
	Winter Units	CP	Summer Units	CP
	Total	12	Total	12

TOTAL CREDIT POINTS 72

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 B1419 Bachelor of Biomedical 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">• BIO356 Genetics & Evolution• BIO394 Genetic Engineering• BMS314 Pathological Basis of Disease• BMS317 Pharmacology• MAS224 Biostatistics	Recommended General Electives: <ul style="list-style-type: none">• 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 16/10/2025.