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

Academic Chair: Prof Wayne Greene (W.Greene@murdoch.edu.au)

Start Date: Semester 1, 2027

	Semester 1 Units	CP	Semester 2 Units	CP
Year 1 – 2027	BMS100 Succeeding in Science	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	BMS107-Foundations of Vertebrate Form and Function	3
	CHE140 Fundamentals of Chemistry	3	General Elective	3
	Total	12	**Total**	12
	Semester 1 Units	**CP**	**Semester 2 Units**	**CP**
Year 2 - 2028	BIO282 Molecular Biology	3	BMS211 Medical Immunology	3
	BMS212 Medical Microbiology	3	BMS218 Haematology	3
	BMS221 Histology and Histotechnology	3	General Elective	3
	Discovery Study Unit	3	General Elective	3
	Total	12	**Total**	12
	Semester 1 Units	**CP**	**Semester 2 Units**	**CP**
Year 3 - 2029	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
	Total	12	**Total**	12

TOTAL CREDIT POINTS 72

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 per cent 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.

Specified Electives
Choose two from the following:

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

Semester 1 Notes	Semester 2 Notes
Recommended Electives: BIO282 Molecular Biology BIO356 Genetics and Evolution BIO359 Forensic DNA Analysis BIO394 Genetic Engineering BMS213 Forensic Anatomy and Anthropology COM202 Content Creation FSN200 Principles of Nutrition MAS224 Biostatistics	**Recommended Electives:** BIO315 Bodies of Evidence BIO367 Forensic Toxicology BIO378 Systems Biology BIO390 Metabolic and Cellular Biochemistry BRD202 Drugs in Society FSN202 Nutrition and Disease MAS223 Applied Statistics SIK201 Two-Way Science SIK300 Indigenous Knowledges in Health and Wellbeing

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 of 5/11/2026.