B1419 Bachelor of Biomedical Science (Major: Biomedicine)

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	Discovery Study	3
	Total	12	**Total**	12
	Semester 1 Units	**CP**	**Semester 2 Units**	**CP**
Year 2 - 2028	BMS212 Medical Microbiology*	3	BIO247 Biochemistry	3
	BMS206 Biomedical Physiology	3	BMS211 Medical Immunology	3
	BMS221 Histology and Histotechnology	3	General Elective	3
	General Elective	3	General Elective	3
	Total	12	**Total**	12
	Semester 1 Units	**CP**	**Semester 2 Units**	**CP**
Year 3 - 2029	BMS314 Pathological Basis of Disease	3	BMS315 Advances in Medical Science	3
	BMS317 Human Pharmacology	3	General Elective	3
	General Elective	3	General Elective	3
	General Elective	3	General Elective	3
	Total	12	**Total**	12

TOTAL CREDIT POINTS 72

***And/Or:**
BMS316 Parasitology: People, Pets and Wildlife (S2)

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.

General Electives can be an elective unit or units towards a second major/minor. Students should keep in mind the Part 1 rule where no more than ten 100 level units are allowed.

Semester 1 Notes	Semester 2 Notes
Recommended Electives: MAS224 Biostatistics COM202 Content Creation BMS327 Diagnostic Genomics BMS213 Forensic Anatomy and Anthropology BIO359 Forensic DNA Analysis BIO356 Genetics and Evolution BIO394 Genetic Engineering BIO282 Molecular Biology FSN200 Principles of Nutrition	**Recommended Electives:** MAS223 Applied Statistics BIO315 Bodies of Evidence BRD202 Drugs in Society BIO367 Forensic Toxicology BMS218 Haematology SIK300 Indigenous Knowledges in Health and Wellbeing BIO390 Metabolic and Cellular Biochemistry FSN202 Nutrition and Disease BIO378 Systems Biology SIK201 Two-Way Science

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.