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
	BIO282 Molecular Biology	3	BMS211 Medical Immunology	3
	BIO246 Principles of Microbiology*	3	Elective	3
	Elective	3	Elective	3
	Total	12	**Total**	12
	Semester 1 Units	**CP**	**Semester 2 Units**	**CP**
Year 3 - 2029	BMS324 Clinical Microbiology I	3	BMS322 Clinical Immunology	3
	Elective	3	BMS316 Parasitology: People, Pets and Wildlife	3
	Elective	3	Elective	3
	Elective	3	Elective	3
	Total	12	**Total**	12

TOTAL CREDIT POINTS 72

*And/Or VET211 Principles of Infectious Disease I-Veterinary Microbiology (S2)

Note: To complete a second major within the B1419 Bachelor of Biomedical Science, replace electives with core units of that major.

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).

Semester 1 Notes	Semester 2 Notes
Recommended Electives: BIO356 Genetics and Evolution BIO359 Forensic DNA Analysis BIO394 Genetic Engineering BMS221 Histology and Histotechnology BMS213 Forensic Anatomy and Anthropology BMS327 Diagnostic Genomics 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 BMS218 Haematology 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.