

Sample Course Plan - Semester 1 2019 entry
B1317 Bachelor of Science ([Biomedical Science](#)) - 72 credit points
Academic Chair: Associate Professor Wayne Greene | **Email:** W.Greene@murdoch.edu.au

Major Prerequisites: 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 should seek an exemption from their Academic Chair for CHE140 Fundamentals of Chemistry. Students who have completed previous chemistry not stated above should also consult their Academic Chair for clarification of their enrolment requirements.				
	Semester 1		Semester 2	
Year 1	BSC100 Building Blocks for Science Students	3pts	BSC150 What is Science?	3pts
	CHE140 Fundamentals of Chemistry	3pts	BIO152 Cell Biology	3pts
	MAS183 Statistical Data Analysis	3pts	BMS107 Foundations of Vertebrate Form and Function	3pts
	BMS101 Introduction to the Human Body	3pts	Option	3pts
		<u>12pts</u>		<u>12pts</u>
Year 2	Breadth unit (<i>see note below</i>)	3pts	Research Skills unit (<i>see note below</i>)	3pts
	BMS206 Biomedical Physiology	3pts	BIO247 Biochemistry	3pts
	BMS212 Medical Microbiology OR	3pts	BMS211 Medical Immunology and Molecular Genetics	3pts
	BMS316 Parasitology: People, Pets and Wildlife (semester 2)		Option	3pts
	Option	3pts		<u>12pts</u>
		<u>12pts</u>		
Year 3	Breadth unit (<i>see note below</i>)	3pts	Research Skills unit (<i>see note below</i>)	3pts
	BMS314 Pathological Basis of Disease	3pts	BMS315 Advances in Medical Science	3pts
	Option	3pts	Option	3pts
	Option	3pts	Option	3pts
		<u>12pts</u>		<u>12pts</u>

Note: Part II Breadth and Research Skills Unit Requirements

Students require 6pts of Breadth units and 6pts of Research Skills units for Part II of their degree.

Select from the prescribed lists of options – below.

Please note: A unit cannot be used to satisfy both the Breadth or Research Skills Unit requirements and the requirements of a major or minor. If taken at 100 level the unit(s) will be attributed to Part I. Note that no more than 30 credit points at Part I may be credited towards course completion requirements.

Breadth Units List:

Choose from list here: <http://handbook.murdoch.edu.au/units/?year=2019&discip=University+Breadth&sort=UnitCd>

Research Skills Unit List: Biomedical Science

[MAS223](#) Applied Statistics - 3 points

MURDOCH: S2-internal, S2-external

[MAS224](#) Biostatistical Methods - 3 points

MURDOCH: S1-internal, S1-external

[BIO282](#) Molecular Biology - 3 points

MURDOCH: S1-internal

[BIO394](#) Genetic Engineering - 3 points

MURDOCH: S1-internal

[BIO367](#) Forensic Toxicology - 3 points

MURDOCH: S2-internal

[BIO246](#) Microbiology - 3 points

MURDOCH: S1-internal

[BMS218](#) Haematology - 3 points

MURDOCH: S2-internal (quota of 60 places)

[BMS323](#) Clinical Biochemistry I - 3 points

MURDOCH: S2-internal (quota of 25 places)

[BMS316](#) Parasitology - 3 points

MURDOCH: S2-internal

Disclaimer: This course plan is a **sample only** and must be read in conjunction with the full course structure, unit prerequisites and enrolment options as per the online [Handbook](#). This course plan will vary depending on chosen additional majors/minors and your academic progression.

Students should note that due to unit prerequisites, commencing study in semester 2 may extend the duration of the course.