

**Sample Course Plan - Semester 1 2019 entry**  
**B1317 Bachelor of Science (Clinical Laboratory Science) - 72 credit points**  
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<b>Major Prerequisites: Chemistry Background</b>				
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 <a href="#">CHE140</a> Fundamentals of Chemistry. Students who have completed previous chemistry not stated above should also consult their Academic Chair for clarification of their enrolment requirements.				
	<b>Semester 1</b>		<b>Semester 2</b>	
<b>Year 1</b>	<a href="#">BSC100</a> Building Blocks for Science Students	3pts	<a href="#">BSC150</a> What is Science?	3pts
	<a href="#">CHE140</a> Fundamentals of Chemistry	3pts	<a href="#">BIO152</a> Cell Biology	3pts
	<a href="#">MAS183</a> Statistical Data Analysis	3pts	<a href="#">BMS107</a> Foundations of Vertebrate Form and Function	3pts
	<a href="#">BMS101</a> Introduction to the Human Body	3pts	<a href="#">CHE144</a> Foundations of Chemistry	3pts
	12pts		12pts	
<b>Year 2</b>	Breadth unit ( <i>see note below</i> )	3pts	Research Skills unit ( <i>see note below</i> )	3pts
	<a href="#">BIO282</a> Molecular Biology	3pts	<a href="#">BMS218</a> Haematology	3pts
	<a href="#">BMS212</a> Medical Microbiology*	3pts	<a href="#">BMS211</a> Medical Immunology and Molecular Genetics	3pts
	Option	3pts	Option	3pts
	12pts		12pts	
<b>Year 3</b>	Breadth unit ( <i>see note below</i> )	3pts	Research Skills unit ( <i>see note below</i> )	3pts
	<a href="#">BMS321</a> Histology	3pts	Specified Elective ( <i>choose from list below</i> )	3pts
	<a href="#">BMS314</a> Pathological Basis of Disease*	3pts	Specified Elective ( <i>choose from list below</i> )	3pts
	Option	3pts	Option	3pts
	12pts		12pts	
*Need these units for Laboratory Medicine transfer				
<b>Specified Electives - 6 credit points</b>				
Select from the following:				
<a href="#">BMS322</a> Clinical Immunology - 3 points MURDOCH: S2-internal (quota of 25 places)	<a href="#">BMS324</a> Clinical Microbiology I - 3 points MURDOCH: S2-internal (quota of 25 places)	<a href="#">BMS326</a> Clinical Haematology I - 3 points MURDOCH: S2-internal (quota of 25 places)		
<a href="#">BMS323</a> Clinical Biochemistry I - 3 points MURDOCH: S2-internal (quota of 25 places)	<a href="#">BMS325</a> Histopathology - 3 points MURDOCH: S2-internal (quota of 20 places)	<a href="#">BMS327</a> Diagnostic Genomics - 3 points MURDOCH: S2-internal (quota of 25 places)		
<b>Note: Part II Breadth and Research Skills Unit Requirements</b>				
Students require <u>6pts</u> of Breadth units and <u>6pts</u> of Research Skills units for Part II of their degree.				
Select from the prescribed lists of options – below.				
<i>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.</i>				
<b>Breadth Units List:</b>				
Choose from list here: <a href="http://handbook.murdoch.edu.au/units/?year=2019&amp;discip=University+Breadth&amp;sort=UnitCd">http://handbook.murdoch.edu.au/units/?year=2019&amp;discip=University+Breadth&amp;sort=UnitCd</a>				
<b>Research Skills Unit List: Clinical Laboratory Science</b>				
<a href="#">MAS223</a> Applied Statistics - 3 points MURDOCH: S2-internal, S2-external	<a href="#">BIO394</a> Genetic Engineering - 3 points MURDOCH: S1-internal	<a href="#">BIO367</a> Forensic Toxicology - 3 points MURDOCH: S2-internal		
<a href="#">MAS224</a> Biostatistical Methods - 3 points MURDOCH: S1-internal, S1-external	<a href="#">BIO246</a> Microbiology - 3 points MURDOCH: S1-internal	<a href="#">BIO388</a> Forensic Science and Miscarriages of Justice - 3 points MURDOCH: W-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.**