

# B1317A Bachelor of Science, Major Chemistry – Semester 1, 2020

Academic Chair: Dr. Leonie Hughes [l.hughes@murdoch.edu.au](mailto:l.hughes@murdoch.edu.au)

	Semester 1	Semester 2
2020	BSC100 Building Blocks for Science Students 3pts	CHE145 Introduction to Chemical Concepts 3pts
	CHE144 Foundations of Chemistry 3pts	MSP100 Career Learning: Managing Your Career 3pts
	MAS182 Applied Mathematics 3pts	MAS161 Calculus and Matrix Algebra 3pts
	PEN152 Principles of Physics 3pts	100 level General elective <b><u>12pts</u></b>
2021	CHE202 Physical Chemistry I 3pts	MSP200 Building Enterprise Skills 3pts
	CHE207 Chemical Analysis 3pts	CHE205 Organic and Biological Chemistry I 3pts
	200 level General Elective (e.g. BRD203 Carbon and Climate: A Wicked Problem) 3pts	200 level General Elective (e.g. MAS221 Mathematical Modelling) 3pts
	200 level General Elective <b><u>12pts</u></b>	200 level General Elective 3pts
		<b><u>12pts</u></b>
2023	CHE308 Organic and Biological Chemistry II 3pts	CHE304 Materials Chemistry 3pts
	MSP201 Real World Learning 3pts	CHE347 Physical Chemistry II 3pts
	300 level General Elective (e.g. BSC304 Innovation and Ethics in Science) 3pts	300 level General Elective (e.g. CHE309 Advanced Projects in Chemistry and Mineral Science) 3pts
	300 level General Elective <b><u>12pts</u></b>	<b><u>12pts</u></b>
		300 level General Elective

\* Students should complete CHE140 as a General Elective if they have not successfully achieved at least a final scaled score of 50% or higher in ATAR Chemistry (WACE Chemistry 3A/3B).

\* Students should complete MAS164 as a General Elective if they have not successfully achieved at least a final scaled score of 55% or higher in ATAR Mathematics Methods (WACE Mathematics 3C/3D).

\* Students should complete PEN120 as a General Elective if they have not successfully achieved at least a final scaled score of 60% or higher in ATAR Physics (WACE 3A/3B).

*If you have been granted Advanced Standing for any of the above units, please contact your Academic Chair or a Student Advisor for information on your individual enrolment.*

**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 your entry date and your academic progression. Students should note that due to unit prerequisites, commencing study in semester 2 may extend the duration of the course.