B1317A Bachelor of Science, Major Mineral Science – Semester 2, 2020

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	Semester 1		Semester 2	
2020			BSC100 Building Blocks for Science Students PEN152 Principles of Physics CHE144 Foundations of Chemistry MAS182 Applied Mathematics **12pts**	3pts 3pts 3pts 3pts
2021	ENG193 Introduction to the Minerals Industry MSP100 Career Learning: Managing Your Career MAS161 Calculus and Matrix Algebra 100 level General elective **12pts**	3pts 3pts 3pts 3pts	MSP200 Building Enterprise Skills 200 level General Elective (e.g. MAS221 Mathematical Modelling) 200 level General Elective (e.g. BRD203 Carbon and Climate: A Wicked Problem) 200 level General Elective **12pts**	3pts 3pts 3pts 3pts
2023	ENG202 Engineering Thermodynamics ENG205 Process Mineralogy ENG224 Principles of Unit Operations 200 level General Elective **12pts**	3pts 3pts 3pts 3pts	ENG326 Hydrometallurgy MSP 201 Real World Learning 300 level General Elective (e.g. CHE309 Advanced Projects in Chemistry and Mineral Science) 300 level General Elective **12pts**	3pts 3pts 3pts 3pts
2024	ENG324 Principles of Mineral Processing ENG325 Pyrometallurgy 300 level General Elective (e.g. BSC304 Innovation and Ethics in Science) 300 level General Elective **12pts**	3pts 3pts 3pts 3pts		

Note: **Information that may affect holidays - please plan accordingly**

*** 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).

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.