

## DEGREE OF BACHELOR OF SCIENCE IN GEOPHYSICS (04F66070)

### DESIGNATED DEGREE OF BACHELOR OF SCIENCE IN GEOPHYSICS (04F66089)

Students must also comply with the University General Regulations and the Supplementary Regulations for the Degree of Bachelor of Science.

**The table below lists the compulsory courses for this degree together with the overall number of credit points required in each programme year.**

**THIS PROGRAMME HAS BEEN WITHDRAWN  
THE LAST INTAKE TO THIS PROGRAMME WAS IN SEPTEMBER 2021**

PROGRAMME YEAR 2 – 120 Credit Points					
First Half-Session			Second Half-Session		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
GL 2015	Petrology and Mineralogy	15	GL 2510	An Introduction to Field Geology	15
PX 2013	Light Science	15	GL 2511	Geophysics	15
PX 2015	Dynamical Phenomena	15	PX 2505	Practical Optics and Electronics	15
<b>Either Option A or Option B</b>			<b>Either Option A or Option B</b>		
<b>Option A</b>			<b>Option A</b>		
GL 2014	Earth's Life: Environments and Climate Through Time	15	GG 2510	Mapping and Monitoring the Environment	15
<b>Option B</b>			<b>Option B</b>		
MA 2010	Probability	15	CS 2020	Software Programming	15

PROGRAMME YEAR 3 – 120 Credit Points					
First Half-Session			Second Half-Session		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
PX 3016	Introduction to the Solid State	15	GP 3501	Interpretation of Seismic Reflection Data	15
PX 3014	Energy and Matter	15	GL 3520	Igneous & Metamorphic Petrology	15
GL 3027	Structural Geology & Tectonics	15	<b>EITHER</b> GL 3521	Sedimentology	15
<b>EITHER</b> GL 3030	Volcanology	15	<b>OR</b> PX 3512	Electricity and Magnetism	15
<b>OR</b> PX 3020	Mathematical Methods in Physics	15	Plus 15 credit points from courses of choice		

PROGRAMME YEAR 4 – 120 Credit Points					
First Half-Session			Second Half-Session		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
GP 40XX	Geophysics Project (See Note (i))				30
PX 4012	Statistical Physics and Stochastic Systems	15	GL 4535	Geoscience and the UN Sustainable Development Goals	15
GP 40XX	Computational Geophysics	15	PX 4514	Modelling Theory	15
PX 4007	Case Studies In Physics	15	Plus 15 credit points from courses of choice.		

Notes	
i.	Designated Programme: See Supplementary Regulation 4.1 (b).
ii.	Candidates seeking entry to the Junior Honours programme must have accumulated, by award or recognition, or been exempted from, at least 240 credit points at levels 1 and 2, including those compulsory courses required to enter programme year 3.