

## DEGREE OF MASTER OF GEOLOGY (04F60042)

Students must also comply with the University General Regulations and the Supplementary Regulations for the Award of an Undergraduate Master's Degree

**All the courses listed below are prescribed for this degree**

PROGRAMME YEAR 1 – 120 Credit Points					
First Half Session			Second Half Session		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
GL 1005	Earth Through Geological Time	15	GL 1505	Earth's Materials	15
Plus 90 credit points from courses of choice.					

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 2014	Stratigraphical Principles	15	GL 2510	Introduction to Field Geology	15
GL 2015	Petrology & Mineralogy	15	GL 2511	Geophysics	15
Plus 60 credit points from courses of choice.					

PROGRAMME YEAR 3 – 120 Credit Points					
First Half-Session			Second Half-Session		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
GL 3018	Petroleum Geology	15	GL 3520	Igneous & Metamorphic Petrology	15
GL 3026	Field and Mapping Techniques	15	GL 3521	Sedimentology	15
GL 3027	Structural Geology & Tectonics	15	GL 3525	Field & Mapping Techniques 2 (see Note 1)	30
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
GL 4023	Geology Mapping Project (see Note 2)	45	GL 4529	Surface & Subsurface Digital Imaging	15
GL 4028	Petroleum Geology: Geochemistry and Geofluids	30	GL 4530	Geological Synthesis (see Note 3)	15
Plus 15 credit points from courses of choice.					

PROGRAMME YEAR 5 – 120 Credit Points					
First Half-Session			Second Half-Session		
Course Code	Course Title	Credit points	Course Code	Course Title	Credit points
GL 5040	Integrated Sedimentary Basin Systems	15	GL 5507	Research Project	60
GL 5041	Geoscience Research Skills and Data Analysis	15			
GL 5042	The Basin Fill	15			
GL 5043	Geological Models	15			

**PLEASE SEE OVER →**

<b>Notes</b>	
1.	GL 3525 not normally available to students on the Designated Geoscience Programme.
2.	Includes residential course in second half-session and four one-day field classes.
3.	Requires 35 days of field work during the summer vacation preceding Level 4.
4.	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, as well as met any further requirements as set by the School.