DEGREE OF MASTER OF CHEMISTRY OIL AND GAS (04F11327)

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**
PD 1001	Professional Skills Part 1	0			
CM 1021	Chemistry for the Physical Sciences 1	15	BI 1511	Ecology and Environmental Science	15
CM 1022	Elements of Chemistry 1	15	CM 1513	Chemistry for the Physical Sciences 2	15
GL 1005	The Earth Through Geological Time	15	CM 1522	Elements of Chemistry 2	15
			GL 1505	Earth's Materials	15

Plus 15 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**
CM 2010	Energetics Of Change In Chemical And Biological Systems	15	CM 2514	Organic and Biological Chemistry	15
CM 2011	Analytical Methods in Forensic Chemistry	15	CM 2516	Shapes, Properties and Reactions of Molecules	15
CM 2012	Introduction to Materials	15	GL 2511	Geophysics	15
GL 2015	Petrology & Mineralogy	15			

Plus 15 credit points from courses of choice.

PROGRAMME YEAR 3 – 125 Credit Points

First Half-Session			Second Half-Session		
Course Code	**Course Title**	**Credit Points**	**Course Code**	**Course Title**	**Credit Points**
CM 3032	General Chemistry	5	CM 3534	Organic and Biological Chemistry	30
CM 3036	Solid State Chemistry	15	CM 3536	Molecular Structure and Reactivity	30
CM 3038	Environmental Chemistry	15			
GL 3018	Principles of Petroleum Geology	15			

Plus 15 credit points from courses of choice.

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PROGRAMME YEAR 4 – 125 Credit Points

First Half-Session			Second Half-Session		
Course Code	**Course Title**	**Credit points**	**Course Code**	**Course Title**	**Credit points**
CM 4025	Advanced Chemistry 1	15	CM 4518	Advanced Chemistry 3	15
CM 4026	Advanced Chemistry 2	15	CM 4521	Integrated Chemistry	5
CM 4036	MChem Group Practical	15	CM 4535	MChem Research Project	30
			CM 4536	Refinery Processes	15
			CM 45G1	Honours Chemistry (Gen. Paper 1)	0
			CM 45G2	Honours Chemistry (Gen. Paper 2)	0

Plus 15 credit points from courses of choice.

PLEASE SEE OVER →

PROGRAMME YEAR 5 – 120 Credit Points					
First Half-Session			Second Half-Session		
Course Code	**Course Title**	**Credit points**	**Course Code**	**Course Title**	**Credit points**
CM 5042	MChem Applications in Oil and Gas Chemistry	60	CM 5505	MChem Half Year Project Placement	60

Notes	
1.	All chemistry candidates are recommended, but not required, to take appropriate courses in Mathematics. For students who hold a pass in Mathematics at Higher or A-Level, MA 1005, MA1006 and/or MA 1508 are recommended; for those who do not hold such a pass, MA1515 is recommended.
2.	At the discretion of the Head of Chemistry, candidates who have fulfilled the conditions of Supplementary Science Regulation 13, but have only 90 Level 3 Chemistry credit points may be considered for admission to the Level 4 Chemistry Programme.
3.	In all Level 3,4 and 5 assessments, first attempt marks only are taken for the purpose of Honours Degree classification.