

100 LEVEL FIRST SEMESTER CURRENT CURRICULUM						
Code	Title	L	T	P	CU	Prerequisite
PHY183	Introductory Mechanics & Properties of Matter	2	1	0	3	
PHY184	Intro. Heat, Wave Motion & Sound	2	1	0	3	
PHY171	Basic Experimental Physics I	0	0	3	1	
MTH111	Elementary Algebra I	2	1	0	3	
MTH112	Calculus I	2	1	0	3	
MTH113	Geometry	2	1	0	3	
CHM101	Foundation Chemistry	2	1	3	4	
GNS101	Use of English I	2	0	0	2	
TOTAL = 22						

GEOPHYSICS

100 LEVEL SECOND SEMESTER CURRENT CURRICULUM						
Code	Title	L	T	P	CU	Prerequisite
PHY188	Intro. Electricity & Magn.	2	1	0	3	
PHY189	Intro. Optics & Modern Phy.	2	1	0	3	
PHY172	Basic Experimental Physics II	0	0	3	1	
MTH121	Elementary Algebra II	2	1	0	3	
MTH122	Calculus II	2	1	0	3	
MTH123	Elementary Theory of Sets	2	1	0	3	
CHM102	Foundation Chemistry	2	1		4	
GNS102	Use of English II	2	2	1	0	2

TOTAL =22

200 LEVEL FIRST SEMESTER CURRENT CURRICULUM						
Code	Title	L	T	P	C U	Prerequisite
PHY202	Intermediate Mechanics	3	1	0	4	PHY183
PHY222	Heat and Thermodynamic	2	1	0	3	PHY184
PHY271	Basic Experimental Physics III	0	0	3	1	
LSV211	Plans Surveying	1	0	1	2	
GNS201	Information Science	2	0	0	2	
GNS102	Use of English II	2	0	0	2	
GEO205	Elementary Structural Geol/Map Interp.	1	0	3	2	
GPH221	Space Science	1	1	0	2	
GPH212	Potential Field Theory I	1	1	0	2	
GPH211	Physics of the Solid Earth	2	1	0	3	
TOTAL =23/25					*GNS 101 for DE only	

200 LEVEL SECOND SEMESTER CURRENT CURRICULUM						
Code	Title	L	T	P	CU	Prerequisite
PHY 212	Interaction, Fields and Waves	3	1	0	4	PHY 188
PHY242	Atomic Physics I	2	1	0	3	PHY189
PHY272	Basic Experimental Physics IV	0	0	3	1	-
GNS202	Nig. History & Culture	2	0	0	2	-
GNS 222	Peace and Conflict Resolution Studies	2	0	0	2	-
GNS 102	Use of English II	2	0	0	2	-

300 LEVEL FIRST SEMESTER CURRENT CURRICULUM						
Code	Title	L	T	P	CU	Prerequisite
PHY303	Analytical	2	1	0	3	PHY202,
GEO202	Intro. To Rocks and Minerals	2	1	3	4	
GPH225	Mechanics	1	1	0	2	
PHY342	Potential Field Theory II	1	1	0	3	PHY242
GPH223	Atomic Physics II	0	0-	3	1	
GPH224	Geophysical Laboratory I	2	1	0	3	GEO205
GNS301	Science, Technology & Society	2	1	0	3	
TOTAL = 25/27						*GNS 102 for DE only
GNS301	Science, Tech. & Society	2	0	1	2	-
GPH312	Gravity & Magnetic Prospecting	2	1	1	4	-
GPH313	Seismic Prospecting	2	1	1	4	
GPH314	Electrical/Electro magnetic Prospecting	2	1	1	4	
TOTAL =23						

300 LEVEL SECOND SEMESTER CURRENT CURRICULUM						
Code	Title	L	T	P	C U	Prerequisite
PHY362	Nuclear and Particle Physics	2	1	0	3	
GEO302	Tectonics and Photogeology	2	1	0	3	
GNS302	Business Creation & Growth	2	0	0	2	
GPH322	Groundwater Geophysics	2	1	0	3	
GPH323	Environmental Geophysics	2	1	0	3	
GPH324	Geothermal Energy	1	1	0	2	
GPH325	Geophysical Instrumentation	1	1	0	2	
TOTAL =18						

400 Level IT FIRST and SECOND Semester 8 Units

500 LEVEL FIRST SEMESTER CURRENT CURRICULUM						
Code	Title	L	T	P	CU	Prerequisite
GEO505	Hydrogeology	2	0	1	3	
GEO507	Geology of Africa	2	0	0	2	
LSV 416	Remote Sensing	2	0	0	2	
GNS501	Business Management	2	1	0	3	
GPH511	Geophysical Laboratory II	0	0	2	2	
GPH512	Radiometric Prospecting	2	0	0	2	
GPH513	Borehole Geophysics	2	1	0	3	
GPH514	Geophysical Seminar	0	0	1	1	
GPH599	Project Research	0	0	0	0	
TOTAL = 18						

500 LEVEL SECOND SEMESTER CURRENT CURRICULUM						
Code	Title	L	T	P	CU	Prerequisites
GEO502	Petroleum Geology	2	1	3	4	
GPH521	Field Integr. Geo.Method/Field Sch.	0	0	2	2	
GPH524	Geophysical Data Processing II	1	1	0	2	
GPH526	Special Topics and Case Histories	0	0	1	1	
GPH527	Engineering Geophysics	2	1	0	3	
PHY599	Research Project	0	0	0	6	
TOTAL = 18						

