

## MASTER OF SCIENCE IN CHEMISTRY

A. COMPULSORY COURSES		CU
CH 400	Research methodology	
CH 401	Instrumentation	
CH 402	Key Aspect of Uganda's Environment	
CH 403	Atmospheric Chemistry	

B. OPTIONAL COURSES		
CH 410	Advanced Chemistry of P-block Element	
CH 411	Chemistry of Metal Clusters	
CH 412	Coordination Compounds & Redox Reactions	

## MASTER OF SCIENCE (GEOLOGY)

Year I: Semester I		CU
GLO 7101	Acquisition, Processing and Analysis of Data in Geosciences	3
GLO 7102	Introduction to Computing and Elementary Statistics	2
GLO 7103	Regional Geology and Mineral Resources of Sub-saharan Africa	2
GLO 7105	Principles of Environmental Geology	2
GLO 7104	Photogeology and Remote Sensing	3
GLO 7106	Applied Mineralogy and Petrology	3
Semester II		
GLO 7201	Isotope Geology and Geochronology	2
GLO 7203	Applied Stratigraphy	2
GLO 7204	Hydrogeology	3
GLO 7202	Advanced Structural Geology and Geotectonics	3
GLO 7210	Economic Mineral Deposits and Management of Resources	3
GLO 7211	Research Methods	2

GLO 7205	Applied Geophysics	2
GLO 7206	Advanced Geochemistry	3
GLO 7207	Ore Microscopy	2
GLO 7208	Analysis of Sedimentary Basins	2
GLO 7209	Applied Geomorphology	2
COURSES SWAPPING SEMESTER		
Year I: Semester I		
GLO 7107	Soil Mechanics and Foundation Engineering	2
Semester II		
GLO	Soil Mechanics and Foundation Engineering	2
COURSE CHANGING NAME		
Year I: Semester I		
GLO 7101	Instrumentation and Data Analysis (See footnote)	3
Footnote: The old name was Acquisition, Processing and analysis of Data in Geosciences		

## MASTER OF SCIENCE IN CLINICAL BIOCHEMISTRY

(By Course-work and Dissertation)

### Introduction

### Aim

To contribute towards training of highly skilled professional human power in clinical biochemistry for national development.

### Employment Prospects

The graduates of this programme would be absorbed in such fields as medical service

laboratories, University teaching and research in clinical aspects; and pharmaceutical industries.

### Objectives

The course will provide specialized graduate training and practical experience in aspects of clinical biochemistry:

- (i) To provide an understanding of the biochemical and physical principles involved in health and disease.