



SOUTH VALLEY UNIVERSITY

MSc MEDICAL BIOCHEMISTRY

Entry requirements:

A good Bachelor of Science degree or medical degree shall be normally required. The major categories of MSc students shall be:

- BSc graduates (biological or physical sciences) with a view to a research career in biochemistry.
- Qualified doctors and others teaching, or intending to teach in medical or other health schools (particularly in developing countries).
- Persons with BSc or professional qualifications and experience working in the nursing or paramedical and allied fields.

Duration of the program:

The MSc in Biochemistry degree course shall run for 18 months.

PART I: The first 9 months shall be devoted entirely to course work with lecture content from facilitators. Relevant laboratory practical sessions will be demonstrated during residential school time. Residential school shall also consist of tutorials and seminars.

PART II: In the last 9 months, the students shall undertake a research project and submit the dissertation for examination.

Module 1	Module2
BC 8011 Biomolecules	BC 8041 Bioenergetics and Metabolism I
BC 8021 Analytical Biochemistry	BC 8012 Metabolism II
BC 8031 Protein dynamics	BC 8022 Endocrinology
	BC 8032 Information Transfer

Module 3 : <i>Half Courses</i>		Module 4 : <i>Optional Courses</i>	
MED 8021 Research Methods		BC 8042 Clinical Biochemistry	
EHP 6001 Facilitating Learning		BC 8052 Bioinformatics	
EHP 6012 Assessment of Learning		BC 8062 Molecular biology and Genetics	
		BC 8072 Enzymology	

Part 11

BC 8080 DISSERTATION
