



**SOUTH VALLEY UNIVERSITY**

## **MSc HUMAN PHYSIOLOGY**

### **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.

*PLEASE NOTE: Students with inadequate background will be required to take 1 year of undergraduate physiology and pass with an average mark of above 50% before proceeding to the MSc programme*

<b>MODULE 1</b> <b>PGY 5011 Cell Physiology</b> <b>PGY 5021 Neurophysiology</b> <b>PGY 5031 Respiratory System</b> <b>PGY 5041 Cardiovascular System</b>	<b>MODULE 2</b> <b>PGY 5012 Metabolism</b> <b>PGY 5022 Gastro-intestinal System</b> <b>PGY 5032 Renal System</b> <b>PGY 5042 Endocrine System</b>
<b>MODULE 3 HALF COURSES</b> <b>MED 8021 Research Methods</b> <b>EHP 6001 Facilitating Learning</b> <b>EHP 6012 Assessment of Learning</b>	<b>MODULE 4</b> <b>PGY 5013 Physiology of blood and immune system</b> <b>PGY 5023 Foetal and Neonatal Physiology</b> <b>PGY 5033 Advanced Muscle Physiology</b>
<b>MODULE 5 OPTIONAL COURSES</b> <b>PGY 5043 Pain</b> <b>PGY 5053 Neurobiology of Vision</b> <b>PGY 5063 Neurobiology of behavior</b> <b>PGY 5073 Exercise Physiology</b> <b>PGY 5083 Clinical &amp; Applied Physiology</b>	<b>PART II</b> <b>PGY 5084 DISSERTATION</b>