

**Department: Interdisciplinary School of Health Sciences**

**Course: M.Sc. Health Sciences**

**Duration: 2 years**

**Total Number of Credits: 80**

<b>Semester I</b>		
<b>Core Courses</b>		
<b>Subject Code</b>	<b>Subject Title</b>	<b>Number of Credits</b>
SHS101	Introduction to Public Health	4
SHS102	Basics of Epidemiology	4
SHS103	Introduction to Biostatistics	4
SHS104	Introduction to Nutrition	3
SHS105	Demography	1
SHS106	Human Physiology	4
<b>Elective Courses – Nil</b>		
<b>Semester II</b>		
<b>Core Courses</b>		
<b>Subject Code</b>	<b>Subject Title</b>	<b>Number of Credits</b>
SHS201	Infectious Disease Control	4
SHS202	Immunology in Health and Disease	4
SHS203	Epidemiology Practicals	4
SHS204	Laboratory Methods in Health Sciences I	4
<b>Elective Courses</b>		
<b>Subject Code</b>	<b>Subject Title</b>	<b>Number of Credits</b>
SHS205	Nutrition and Public Health	4
SHS206	Health Behaviour	2
SHS207	Integrative Health	3
SHS208	Ageing & Society	2
SHS209	Global Health Case Studies	1

<b>Semester III</b>		
<b>Core Courses</b>		
<b>Subject Code</b>	<b>Subject Title</b>	<b>Number of Credits</b>
SHS301	Non-communicable Diseases, Injuries and Control Programmes	4
SHS302	Human Genetics	4
SHS303	Maternal and Child Health	4
SHS304	Laboratory methods in Health Sciences II	4
<b>Elective Courses</b>		
<b>Subject Code</b>	<b>Subject Title</b>	<b>Number of Credits</b>
SHS305	Basics of Pharmacology	2
SHS 306	Internship	2
SHS307	Nutrition Research Methods and Techniques	4
SHS308	Disaster management and Outbreak Investigation	1

<b>Semester IV</b>		
<b>Core Courses</b>		
<b>Subject Code</b>	<b>Subject Title</b>	<b>Number of Credits</b>
SHS401	Clinical and Field Trials	2
SHS402	Bioethics, Biosafety and Regulations	2
SHS403	Research Project I	4
SHS404	Research Project II	4
SHS405	Human Molecular and Cellular Biology	4
<b>Elective Courses</b>		
<b>Subject Code</b>	<b>Subject Title</b>	<b>Number of Credits</b>
SHS406	Disability and Public Health	2
SHS407	Critical reading	2
SHS408	Proposal Development	2
SHS 409	Monitoring & Evaluation of Public Health Programmes	1

<b>UGC recommended courses (Additional 10 credits)</b>		
<b>Subject Code</b>	<b>Subject Title</b>	<b>Number of Credits</b>
	Cyber security/Information security	4C
	Skill based credits	4C
	Human rights education	2C

Courses offered to the students from other departments

<b>Subject Code</b>	<b>Subject Title</b>	<b>Number of Credits</b>
SHS101	Introduction to Public Health	4
SHS102	Basics of Epidemiology	4
SHS103	Introduction to Biostatistics	4
SHS104	Introduction to Nutrition	3
SHS105	Demography	1
SHS106	Human Physiology	4
SHS207	Integrative Health	3
SHS401	Clinical and Field Trials	2
SHS402	Bioethics, Biosafety and Regulations	2
SHS406	Disability and Public Health	2