Programme Structure

The normal duration of the programme shall be eight (8) semesters (four years). The programme shall consist of the following courses:

LEVEL 1:

SEMESTER I				
Core Courses		L	P	Cr
CSC111	Introduction to Computer Science	3	3	4.0
CSC113	Introduction to Information Technology	3	0	3.0
Required Courses				
CTE101	Introduction to Teaching Profession	2	0	2.0
EFM103	Developmental Psychology	3	0	3.0
MAT111	Algebra, Trigonometry and Analytical Geometry	3	2	3.7
General Education Courses				
ACS111	Academic Communication Skills: English for Academic Purposes	2	0	2.0
GNS113	HIV Prevention, Infection and Management of AIDS	2	2	2.2
Total Semester Credits				**19.9**

SEMESTER II				
Core Courses		L	P	Cr
CSC112	Computer Programming I	3	3	4.0
CSC104	Computer Applications	3	2	3.7
Required Courses				
CTE102	Curriculum Theory	3	0	3.0
EFM104	Educational Psychology	3	0	3.0
MAT112	Introduction to Calculus	3	2	3.7
General Education Courses				
ACS112	Academic Communication Skills: English for Specific Purposes	2	2	2.2
Total Semester Credits				**19.6**

LEVEL 2:

SEMESTER III				
Core Courses		L	P	Cr
CSC203	Discrete Mathematics	3	2	3.7
CSC213	Computer Programming II	3	3	4.0
CSC251	Human computer interaction	3	2	3.7
CSC121	Communication Fundamentals	3	2	3.7
Required Courses				
BUS211	Management Information Systems I	3	0	3.0
Total Semester Credits				**18.1**

SEMESTER IV				
Core Courses		L	P	Cr
CSC222	Computer Architecture & Organisation I	3	2	3.7
CSC242	Object Oriented Programming	3	3	4.0
CSC262	IT Law and Ethics	3	0	3.0
CSC272	Database Design I	3	2	3.7
Required Courses				
EFM210	School and Society	3	0	3.0
BUS212	Management Information Systems II	3	0	3.0
Total Semester Credits				**20.4**

LEVEL 3:

SEMESTER V				
Core Courses		L	P	Cr
CSC311	Data Structures and Algorithms	3	2	3.7
CSC321	Computer Architecture & Organization II	3	2	3.7
CSC393	Systems Analysis and Design	3	2	3.7
CSC431	Computer Networks I	3	2	3.7
Required Courses				
CTE303	Technology and Skills in Education	0	2	0.7
CTE337	Curriculum Studies in ICT I	3	0	3.0
EFM313	Educational Evaluation	3	0	3.0
Total Semester Credits				**21.5**

SEMESTER VI				
Core Courses		**L**	**P**	**Cr**
CSC322	Modern Operating Systems	3	2	3.7
CSC352	Graphics and Multimedia	3	3	4.0
CSC432	Computer Networks II	3	2	3.7
Required Courses				
CTE302	Micro–teaching Laboratory	0	4	1.4
CTE338	Curriculum Studies in ICT II	3	0	3.0
EFM302	Educational Administration	3	0	3.0
EFM314	Educational Research	3	0	3.0
Total Semester Credits				**22.8**

LEVEL 4:

SEMESTER VII				
Core Courses		**L**	**P**	**Cr**
CSC402	Research Project	0	3	2.0
CSC421	System administration and maintenance	3	2	3.7
CSC433	Web Technology and Development	3	3	4.0
Required Courses				
CTE403	School Librarianship	0	3	1.0
CTE407	Information and Communication Technology in Education	3	0	3.0
EFM401	School Administration	3	0	3.0
EFM403	Guidance and Counselling in Education	3	0	3.0
Total Semester Credits				**18.7**

SEMESTER VIII				
Required Courses		**L**	**P**	**Cr**
CSC402	Research Project	0	3	2.0
CTE450	Teaching Practice			16.0
Total Semester Credits				**18.0**