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		L	P	Cr
Core Courses		**L**	**P**	**Cr**
CSC111	Introduction to Computer Science	3	3	4.0
CSC113	Introduction to Information Technology	3	0	3.0
CSC121	Communications Fundamentals	3	2	3.7
Required Courses				
MAT111	Algebra, Trigonometry and Analytic Geometry	3	2	3.7
ACF111	Introduction to Financial Accounting	3	0	3.0
General Education Courses				
ACS111	Academic Communication Skills	2	2	2.2
GNS113	HIV Prevention, Infection & Management of AIDS	2	0	2.0
Total Semester Credits				**21.6**

SEMESTER II		L	P	Cr
Core Courses		**L**	**P**	**Cr**
CSC112	Computer Programming I	3	3	4.0
Required Courses				
MAT112	Introduction to Calculus	3	3	4.0
ACF112	Introduction to Financial Accounting II	3	0	3.0
BUS134	Principles of Management	3	0	3.0
BUS122	Principles of Marketing	3	0	3.0
General Education Courses				
ACS112	Academic Communication Skills	2	2	2.2
Total Semester Credits				**19.2**

LEVEL 2:

SEMESTER III		L	P	Cr
Core Courses		**L**	**P**	**Cr**
CSC251	Human Computer Interaction	3	2	3.7
CSC203	Discrete Mathematics	3	2	3.7
CSC205	Probability and Statistics	3	2	3.7
CSC213	Computer Programming II	3	3	4.0
Required Courses				
BUS211	Management Information Systems I	3	0	3.0
Total Semester Credits				**18.1**

SEMESTER IV				
Core Courses		**L**	**P**	**Cr**
CSC242	Object Oriented Programming	3	3	4.0
CSC272	Database Design I	3	2	3.7
CSC222	Computer Architecture and Organization I	3	2	3.7
CSC262	IT Law and Ethics	**3**	**2**	**3.7**
Required Courses				
BUS212	Management Information Systems II	3	0	3.0
Total Semester Credits				**18.1**

LEVEL 3

SEMESTER V				
Core Courses		**L**	**P**	**Cr**
CSC311	Data Structures and Algorithms	3	2	3.7
CSC371	Database Design II	3	2	3.7
CSC433	Web Technology and Development	3	3	4.0
CSC431	Computer Networks I	3	2	3.7
CSC393	Systems Analysis and Design	3	2	3.7
Total Semester Credits				**18.8**

SEMESTER VI				
Core Courses		**L**	**P**	**Cr**
CSC322	Modern Operating Systems	3	2	3.7
CSC352	Graphics	3	2	3.7
CSC432	Computer Networks II	3	2	3.7
CSC300	Mini Project	0	6	2.0
CSC302	IT Research Methods	3	2	3.7
CSC304	Internship Training	0	6	2.0
Total Semester Credits				**18.8**

LEVEL 4

SEMESTER VII				
Core Courses		**L**	**P**	**Cr**
CSC400	Project	0	6	2.0
CSC461	Security I	3	2	3.7
CSC421	System Administration and Maintenance	3	2	3.7
CSC411	Integrative Programming and Technologies	3	2	3.7
CSC471	Data Mining	3	2	3.7
CSC493	Entrepreneurship and Innovation	3	2	3.7
Total Semester Credits				**20.5**

SEMESTER VIII				
Core Courses		**L**	**P**	**Cr**
CSC400	Project	0	6	2.0
CSC466	IT Auditing	3	2	3.7
CSC462	Security II	3	2	3.7
CSC464	Digital Forensics	3	2	3.7
CSC494	IT Project Management	3	2	3.7
Required Courses				
BUS426	Electronic Commerce	3	0	3.0
Total Semester Credits				**19.8**