100 LEVEL
FIRST SEMESTER CURRICULUM

Course Code	Course Title	U	L	T	P
CSC 101	Introduction to Computer Science	2	1	-	1
MTS 101	Algebra	3	2	1	-
MTS 103	Vectors and Geometry	2	2	-	-
BIO 101	General Biology I	2	2	-	-
BIO 191	Biology Practical	1	-	-	1
CHM 101	Introductory Physical Chemistry	3	2	1	-
CHM 191	Practical Chemistry I	1	-	-	1
PHS 101	General Physics I	3	2	1	-
PHS 191	Physics Laboratory I	1	-	-	1
STS 181	Probability I	3	2	1	-
GNS 111	Introduction to Social Problems	1	1	-	-
	Total	**22**	**15**	**4**	**4**

100 LEVEL
SECOND SEMESTER CURRICULUM

Course Code	Course Title	U	L	T	P
CSC 102	Introduction to Algorithm Techniques	2	2	-	-
MTS 102	Calculus and Trigonometry	3	2	1	-
MTS 104	Introductory Mechanics	3	2	1	-
BIO 102	General Biology II	2	2	-	-
BIO 192	Practical Biology II	1	-	-	1
CHM 102	Introductory Organic Chemistry	2	2	-	-
CHM 192	Practical Chemistry I	1	-	-	1
PHS 102	General Physics II	3	2	1	-
PHS 192	Physics Laboratory II	1	-	-	1
AEM 102	Principles of Economics	2	2	-	-
GNS 101	Use of English	2	2	-	-
GNS 102	Introduction to Nigerian History	1	1	-	-
	Total	**23**	**17**	**3**	**3**

COURSES DESCRIPTION

CSC 101: INTRODUCTION TO COMPUTER SCIENCE (2 Units)

History of computer science and their generations. Origin of computing machines. Computer Hardware: functional components, modern input/output units. Software: System Software, Operating Systems and Utilities, Application Software. Data Storage and Internal representation of data, bits and character representation, concept of data, data compression, record file, basic models of files processing and their advantages.

CSC 102: INTRODUCTION TO ALGORITHM TECHNIQUES (2 Units)

Problem Solving Strategies, concept and role of algorithm in problem solving process, implementation strategies, concepts and properties of algorithm. The science of algorithm and concept of abstraction. Algorithm representation and discovery, iterative and recursive structures. Algorithmic Tools: Pseudo ode, Flowcharts. Efficiency and Correctness. Students should be introduced to a programming language e.g. Pascal, Delphi etc.