

BSc ED CHEMISTRY 2015_2			
BSc ED Chemistry 100 LEVEL 1ST SEMESTER			
Course Code	Course Title	Unit	Status
GST 101	Use of English and Communication Skills II	2	C
GST 105	History and Philosophy of Science	2	C
GST 107	The Good Study Guide	2	C
EDU 111	Foundations of Education	2	C
CHM 101	Introductory Inorganic Chemistry	2	C
CHM 103	Introductory Physical Chemistry	2	C
CHM 191	Introductory Practical Chemistry	1	C
MTH 101	General Mathematics	3	C
BIO 191	Introductory Practical Biology I	2	C
BIO 101	General Biology 1	2	C
PHY 111	Elementary Mechanics	2	E
CIT 101	Computers in Society	2	E
	TOTAL CREDIT UNITS – COMPULSORY	21	
	TOTAL CREDIT UNITS – ELECTIVE	2	
	TOTAL CREDIT UNITS	23	

100 LEVEL 2ND SEMESTER

Course Code	Course Title	Unit	Status
GST 102	Use of English and Communication Skills II	2	C
EDU 112	Professionalism in Teaching	2	C
EDU 114	History of Education in Nigeria	2	C
CHM 102	Introductory	2	C

	Organic Chemistry		
BIO 102	General Biology II	2	C
BIO 192	General Biology Laboratory II	2	C
CHM 192	Introductory Practical Chemistry 11	1	C
MTH 104	Elementary Mathematics II	3	C
PHY 124	Geometrics and Wave Optics	2	E
PHY 102	Electricity, Magnetism and Modern Physics	3	E
	TOTAL CREDIT UNITS – COMPULSORY	17	
	TOTAL CREDIT UNITS – ELECTIVE	2	
	TOTAL CREDIT UNITS	19	

200 LEVEL 1ST SEMESTER

Course Code	Course Title	Unit	Status
GST 201	Nigerian Peoples and Culture	2	C
CIT 132	Programming in Basic	2	E
EDU 231	Curriculum Theory and Practice	2	C
EDU 233	General Teaching Methods	2	C
CHM 205	Inorganic Chemistry II	2	C
CHM 201	Physical Chemistry II	2	C
CHM 204	Structure and Bonding	2	C
MTH 281	Mathematical Method	2	C
BIO 201	Genetic I	2	C
BIO 203	General Physiology 1	2	C
BIO 204	Biological Techniques	2	E
	TOTAL CREDIT UNITS – COMPULSORY	18	

	TOTAL CREDIT UNITS – ELECTIVE	2	
	TOTAL CREDIT UNITS	20	

200 LEVEL 2ND SEMESTER

Course Code	Course Title	Unit	Status
GST 203	Introduction to Philosophy and Logic	2	C
GST 202	Peace Studies and Conflict Resolution	2	C
EDU 212	Sociology of Education	2	C
EDU 252	Chemistry Methods	2	C
EDU 214	Philosophy of Education	2	C
CHM 202	Analytical Chemistry I	2	C
CHM 203	Organic Chemistry II	2	C
MTH 212	Linear Algebra II	2	C
BIO 207	Lower Invertebrates	2	E
ESM112	Introductory Ecology	2	E
PHY 204	Electromagnetism	2	E
	TOTAL CREDIT UNITS – COMPULSORY	16	
	TOTAL CREDIT UNITS – ELECTIVE	4	
	TOTAL CREDIT UNITS	20	

300 LEVEL 1ST SEMESTER

Course Code	Course Title	Unit	Status
GST 301	Entrepreneurship Studies	2	C
EDU 335	Teaching Practice I	3	C
EDU 321	Psychology of Learning	2	C
EDU 323	Research Methods and Statistics in Education	3	C
CHM 301	Physical Chemistry III	3	C

CHM 307	Atomic and Molecular structure and Symmetry	3	C
CHM 315	Carbohydrate Chemistry	2	C
CHM 302	Polymer Chemistry	2	C
CHM 305	Organic Chemistry III	3	C
	TOTAL CREDIT UNITS – COMPULSORY	23	
	TOTAL CREDIT UNITS – ELECTIVE	0	
	TOTAL CREDIT UNITS	23	

300 LEVEL 2ND SEMESTER

Course Code	Course Title	Unit	Status
EDU 302	ICT in Education	2	C
EDU 332	Educational Technology	2	C
EDU 314	Comparative Education	2	C
EDU 336	Post Teaching Practice Evaluation/Remediation	3	C
SED 305	Practicum in Science Teaching	3	C
CHM 303	Inorganic Chemistry III	3	C
CHM 309	Organic Spectroscopy	2	C
CHM 306	Instrumental Methods of Analysis	2	C
BIO305	Molecular Biology	3	E
CHM 311	Petroleum Chemistry	2	E
	TOTAL CREDIT UNITS – COMPULSORY	19	
	TOTAL CREDIT UNITS – ELECTIVE	5	
	TOTAL CREDIT UNITS	24	

400 LEVEL 1ST SEMESTER

COURSE CODE	COURSE TITLE	CREDIT UNIT(S)	STATUS
EDU 421	Guidance and Counselling	2	C
EDU 423	Measurement and Evaluation	2	C
EDU 435	Teaching Practice II	3	C

CHM 407	Reaction Kinetics	3	C
CHM 413	Analytical Chemistry II	2	C
CHM 423	Coordination Chemistry	3	C
CHM 409	Electrochemistry	2	C
CHM 421	Heterocyclic Chemistry	2	C
	TOTAL CREDIT UNITS – COMPULSORY	19	
	TOTAL CREDIT UNITS – ELECTIVE	0	
	TOTAL CREDIT UNITS	19	

400 LEVEL SECOND SEMESTER

COURSE CODE	COURSE TITLE	CREDIT UNIT(S)	STATUS
EDU 412	Principles of Educational Management	2	C
EDU 420	Research Project	4	C
EDU426	Special Education	2	C
CHM 402	Theory of Molecular Spectroscopy	2	E
CHM 406	Nuclear and Radio-Chemistry	2	C
CHM 408	Polymer Chemistry II	2	E
CHM 416	Organic Synthesis	2	C
CHM 417	Industrial Chemistry Process II	3	C
CHM 426	Chemistry of Lanthanides and Actinides	2	E
	TOTAL CREDIT UNITS – COMPULSORY	17	