

**REGISTRABLE COURSES FOR B.Sc. Ed. PHYSICS - 2016  
YEAR 1**

**1ST SEMESTER**

S/N	COURSE CODE	COURSE TITLE	CREDIT UNIT	STATUS
1	GST 101	Use of English and Communication Skills 1	2	C
2	GST 105	History and philosophy of science	2	C
3	GST 107	The Good Study Guide	2	C
4	EDU111	FOUNDATIONS OF EDUCATION	2	C
5	PHY 101	ELEMENTARY MECHANICS, HEAT AND PROPERTIES OF MATTER	3	C
6	BIO 191	INTRODUCTORY PRACTICAL BIOLOGY I	1	C
7	PHY 191	INTRODUCTORY PRACTICAL PHYSICS I	1	C
8	BIO 101	GENERAL BIOLOGY 1	2	C
9	CHM 101	INTRODUCTORY INORGANIC CHEMISTRY	2	C
10	CHM 103	INTRODUCTORY PHYSICAL CHEMISTRY	2	C
11	CHM191	INTRODUCTORY PRACTICAL CHEMISTRY I	1	C
12	CIT 101	COMPUTERS IN SOCIETY	2	C
<b>Sum Total</b>			<b>22</b>	

**2ND SEMESTER**

S/N	COURSE CODE	COURSE TITLE
1	GST 102	Use of English and Communication Skills 2
2	EDU 112	Professionalism in Teaching
3	EDU 114	History of Education in Nigeria
4	BIO192	GENERAL BIOLOGY PRACTICAL II
5	BIO 102	GENERAL BIOLOGY II
6	MTH101	GENERAL MATHEMATICS I
7	MTH 102	GENERAL MATHEMATICS II
8	PHY 192	INTRODUCTORY PHYSICS LABORATORY II
9	PHY 103	GEOMETRIC AND WAVE OPTICS
10	PHY 102	ELECTRICITY, MAGNETISM AND MODERN PHYSICS
11	CHM192	INTRODUCTORY PRACTICAL CHEMISTRY II
<b>Sum Total</b>		

## YEAR 11

### 1ST SEMESTER

S/N	COURSE CODE	COURSE TITLE	CREDIT UNIT	STATUS
1	GST201	NIGERIAN PEOPLE AND CULTURE	2	C

### 2ND SEMESTER

S/N	COURSE CODE	COURSE TITLE
1	GST 202	Fundamentals Peace Studies and Conflict Resolutions
2	EDU256	PHYSICS METHODS

2	GST 203	Introduction to philosophy and logic	2	C
3	EDU 231	Curriculum Theory & Practice	2	C
4	EDU 233	General Teaching Methods	2	C
5	PHY 207	THERMODYNAMICS	2	C
6	PHY203	OSCILLATIONS AND WAVES	2	C
7	PHY 201	CLASSICAL MECHANICS I	3	C
8	PHY291	PHYSICS LABORATORY 1	1	C
<b>Sum Total</b>			<b>16</b>	

3	EDU 212	Sociology of Education
4	EDU 214	Philosophy of Education
5	MTH232	ELEMENTARY DIFFERENTIAL EQUATIONS 1
6	PHY 202	MODERN PHYSICS I
7	PHY 204	ELECTROMAGNETISM
8	PHY 208	NETWORK ANALYSIS AND DEVICES
9	MTH212	LINEAR ALGEBRA II

### YEAR 111

1ST SEMESTER				
S/N	COURS	COURSE TITLE	CREDIT	STATUS
1	GST 301	Entrepreneurship Studies	2	C
2	EDU321	Psychology of Learning	2	C
3	EDU335	Teaching Practice I	3	C
4	PHY391	PHYSICS LABORATORY II	2	C
5	PHY301	CLASSICAL MECHANICS	2	C

2ND SEMESTER		
SS/N	COURSE CODE	COURSE TITLE
1	EDU 332	Educational Technology
2	EDU 314	Comparative Education
3	EDU 336	Post Teaching Practice Evaluation/Remediation
4	SED 324	SCHOOL SCIENCE LABORATORY
5	MTH 302	Elementary Differential Equations II
7	PHY 261	Geophysics I

6	PHY361	Geophysics II	2	C
7	SED305	PRACTICUM IN SCIENCE TEACHING	3	C
8	ENT323	ENTREPRENEURSHIP EDUCATION	2	C
9	EDU323	Basic Research Methods in Education	2	C
10	PHY311	KINETIC THEORY AND STATISTICAL MECHANICS	2	C
11	PHY307	SOLID STATE PHYSICS I	2	C
<b>SUM TOTAL</b>			<b>24</b>	

8	PHY 314	NUMERICAL COMPUTATIONS
9	MTH305	COMPLEX ANALYSIS II
10	PHY308	ELECTRONICS I
11	PHY 312	MATHEMATICAL METHODS FOR PHYSICS 1
<b>SUM TOTAL</b>		

### YEAR 1V

#### 1ST SEMESTER

S/N	COURS	COURSE TITLE	CREDIT	STATUS
1	EDU421	Guidance and Counselling	2	C
2	EDU423	Measurement and Evaluation	2	C
3	EDU435	Teaching Practice II	3	C
4	SED 413	SCIENCE, TECHNOLOGY AND SOCIETY	2	C
5	PHY 403	ELECTRODYNAMICS II	2	C
6	PHY407	SOLID STATE PHYSICS II	3	C
7	PHY457	Environmental Physics	3	C
8	PHY455	LOWER ATMOSPHERIC PHYSICS	3	E
9	PHY 456	Nuclear Reactor Physics	3	E
<b>Sum Total</b>			<b>23</b>	

#### 2ND SEMESTER

S/N	COURSE	COURSE TITLE
1	EDU412	Principles of Educational Management
2	EDU420	Research Project
3	EDU426	Special Education
4	PHY402	NUCLEAR PHYSICS
5	PHY 461	Geophysics III
6	PHY401	ELEMENTARY PARTICLE PHYSICS
<b>SUM TOTAL</b>		

CREDIT UNIT	STATUS
2	C
2	C
2	C
1	C
2	RE
3	C
3	C
1	C
1	C
3	C
1	C

CREDIT UNIT	STATUS
2	C
2	C

2	C
2	C
3	E
3	C
2	C
3	
3	E
21	

CREDIT UNIT	STATUS	
2	C	
2	C	
2	C	
2	RESTRICTED ELECTIVE	
3	E	
2	C	

2	C	
3	C	
2	C	
3	C	
<b>23</b>		

<b>CREDIT</b>	<b>STATUS</b>
2	C
4	C
2	C
3	C
3	E
3	C