

**UNIVERSITY OF NIGERIA**  
(Nsukka / Enugu)  
OFFICE OF THE REGISTRAR  
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**ACADEMIC RECORDS OF :**

NAME :	MARCEL , CHIBUZOR MIRACLE	SEX :	MALE
STUDENT NO :	2014/191303	DATE OF BIRTH :	Apr 29, 1993
ADMITTED :	2014/2015	NATIONALITY :	NIGERIAN

FACULTY: PHYSICAL SCIENCES

DEPARTMENT PHYSICS & ASTRONOMY

Course	No.	Title	Units	Grade	Grade Point	Cumm. G.P.A
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**FIRST YEAR**

2014/2015

**FIRST SEMESTER**

GSP	101	Use of English I	2	C	6	
CHM	101	Basic Principles of Chemistry	2	B	8	
GSP	111	Use of Library and Study Skills	2	B	8	
MTH	111	Elementary Mathematics I	3	A	15	
MTH	121	Elementary Mathematics II	3	B	12	
PHY	121	Fundamentals of Physics I	3	A	15	
CHM	171	Basic Practical Chemistry	2	B	8	
PHY	195	Practical Physics II	2	A	10	

**SECOND SEMESTER**

GSP	102	Use of English II	2	C	6	
CHM	112	Basic Principles of Physical Chemistry	2	A	10	
CHM	122	Basic Principles of Organic Chemistry II	2	C	6	
MTH	122	Elementary Mathematics III	3	B	12	
PHY	122	Fundamentals of Physics II	3	A	15	
PHY	124	Fundamentals of Physics III	3	B	12	
PHY	196	Practical Physics III	2	B	8	

**SECOND YEAR**

2015/2016

**FIRST SEMESTER**

COS	201	Computer Programming I	2	D	4	
GSP	201	Concepts and Theories of Peace and Conflict	2	B	8	
MTH	207	Advanced Mathematics VII	2	D	4	
GSP	207	Logic, Philosophy and Human Existence	2	A	10	
PHY	211	Structure of Matter	3	A	15	
PHY	221	Mechanics	2	A	10	
PHY	241	Waves	3	A	15	
PHY	251	Electromagnetism	2	A	10	

**SECOND SEMESTER**

Destination: University Of Nigeria, Nsukka, 29 Umunna Street Odoakpu, Onitsha. 29 Umunna Street Odoakpu, Onitsha. , Nigeria

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Course	No.	Title	Units	Grade	Grade Point	Cumm. G.P.A
GSP	202	Peace and Conflict Resolution II	2	B	8	
MTH	206	Advanced Mathematics VI	2	C	6	
MTH	208	Advanced Mathematics VIII	2	C	6	
GSP	208	Nigerian Peoples and Cultures	2	A	10	
PHY	242	Physical Optics	3	D	6	
PHY	262	Introduction to Atomic and Nuclear Physics	3	B	12	
PHY	292	Practical Physics IV	2	B	8	

### THIRD YEAR

2016/2017

#### FIRST SEMESTER

PHY	301	Methods of Theoretical Physics	2	B	8	
PHY	311	Solid State Physics I	2	B	8	
ECE	321	Physical Electronics	3	C	9	
PHY	321	Relativity Physics	2	A	10	
PHY	331	Thermal Physics	3	B	12	
CED	341	Introduction to Entrepreneurship	2	A	10	
PHY	351	Electronics	2	A	10	
PHY	391	Practical Physics V	2	C	6	
PHY	393	Workshop Course I (Mechanical)	2	B	8	

#### SECOND SEMESTER

MTH	242	Mathematical Methods I	3	B	12	
PHY	302	Methods of Theoretical Physics II	2	D	4	
CED	342	Business Development and Management	2	B	8	
PHY	362	Quantum Mechanics	3	B	12	
PHY	382	An Introduction Astronomy	3	A	15	
PHY	392	Practical Physics VI	2	A	10	
PHY	394	Workshop Courses II (Electronics)	2	B	8	
PHY	396	Measurement and Instrumentations	2	A	10	

### FOURTH YEAR

2017/2018

#### FIRST SEMESTER

PHY	401	Computational Physics	2	D	4	
PHY	403	General Physics	2	B	8	
PHY	421	Analytical Mechanics	3	C	9	
PHY	451	Electromagnetic Theory	2	A	10	
PHY	461	Quantum Mechanics II	3	C	9	
PHY	485	Galaxies	2	B	8	
PHY	487	High Energy	2	A	10	
PHY	491	Practical Physics VII	2	B	8	

#### SECOND SEMESTER

PHY	416	Solid State Physics	3	C	9	
PHY	438	Statistical Physics	2	A	10	
PHY	462	Nuclear Physics	3	C	9	
PHY	486	Stellar Structure and Evolution	2	B	8	
PHY	488	Modern Cosmology	2	A	10	

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Course	No.	Title	Units	Grade	Grade Point	Cumm. G.P.A
PHY	492	Practical Physics VIII	2	C	6	
PHY	494	Project	4	B	16	

FINAL CUMMULATIVE G.P.A: 3.98

**Degree Awarded : B.Sc in Physics & Astronomy with 2nd Class Honours, Upper Division**

New Grade	Interpretation	Points	Old Grade	Interpretation	Points
A	Excellent	5.00	A	Excellent	4.00
B	Very Good	4.00	AB	Very Good	3.50
C	Good	3.00	B	Good	3.00
D	Fair	2.00	BC	Fair	2.50
E	Pass	1.00	C	Pass	2.00
F	Fall	0.00	CD	Weak	1.50
			D	Very Weak	1.00
			E	Poor	0.50

S/B - See Below  
 Circlred Grades - Make Up Grades  
 + Course(s) marked asterisk(\*) is/are not relevant

S/E - Supplementary

July 2018  
 DATE OF GRADUATION  
 CERTIFIED BY : *A-U Amadi (Mrs)*  
*A. U. Amadi*  
 FOR: REGISTRAR

