



华中农业大学  
HUAZHONG AGRICULTURAL UNIVERSITY



(无华中农业大学钢印无效)

*The Degree Awarding Committee, in accordance with  
“The Regulations Concerning Academic Degrees in the  
People’s Republic of China”, has conferred upon*

**OLALEKAN MUSA AMOO**

*the degree of*

**MASTER OF AGRONOMY**

*in Crop Genetics and Breeding with all its rights,  
privileges and honors given at Wuhan, China, on 19<sup>th</sup>  
June, 2020.*

President

Chairman, Degree Awarding Committee

勤讀力耕 立己達人

No. 1050432020160019



华中农业大学  
HUAZHONG AGRICULTURAL UNIVERSITY

## GRADUATION CERTIFICATE



(无华中农业大学钢印无效)

**This is to certify that**

**OLALEKAN MUSA AMOO**

from Nigeria, born on 13<sup>th</sup> August, 1991 specialized in Crop Genetics and Breeding from September, 2017 to June, 2020 has completed the requisite courses for master program, satisfied all other requirements, passed thesis defense, and is hereby awarded this graduation certificate at Wuhan, P. R. China on 19<sup>th</sup> June, 2020.



No. 105049202002000018



学号 Student No	2017301160027	姓名 Name	OLALEKAN AMOO	性别 Gender	男 Mr	层次 Academic levels	硕士 Master
学院 College	植物科学技术学院 College of Plant Science & Technology		专业 Major	作物遗传育种 Crop Genetics and Breeding			
课类 Class Type	课程名称 Course			学时 Period	学分 Credit	学期 Semester	成绩 Grade
	作物基因组学 Crop Genomics			32	2.0	2017-2018-2	83
	汉语(短期班) Chinese1			64	4.0	2017-2018-1	83
	中国概况 China's Culture			32	2.0	2017-2018-1	91
	作物育种学研究进展 Advanced crop breeding			60	3.0	2017-2018-1	70
	生物信息学(英文) Bioinformatics(English)			32	2.0	2017-2018-2	83
	植物生理生化研究进展(全英文) Advances in Plant physiology and Biochemistry			32	2.0	2017-2018-2	78
	植物生物学与生物技术 Plant Biology & Biotechnology			32	2.0	2017-2018-2	84
	科技写作 Technical Writing			16	1.0	2017-2018-2	优
	分子生物学 Molecular Biology			32	2.0	2017-2018-1	94
	细胞遗传学 Cytogenetics			32	2.0	2017-2018-1	74
	生物化学(英文) Biochemistry			20	2.0	2017-2018-1	87
	植物发育学(全英文) Plant Development			32	2.0	2018-2019-1	90
学位课学分(Total Credits of Degree Courses): 11				总学分(Total Credits): 26			



**UNIVERSITY OF BENIN, BENIN CITY, NIGERIA**  
**SCHOOL OF POSTGRADUATE STUDIES**

OFFICE OF THE DEAN



P. M. B. 1154  
Telex: 41365 Uniben NG.  
Cable & Telegrams: Uniben Benin  
Direct Line: 052-602121  
E-mail: postgra@uniben.edu.ng

Our Ref: PG/LSC1514223

Your Ref:

7<sup>th</sup> August, 2019  
Date:

**Mr. Olalekan Musa AMOO**

.....  
C/o Department of Plant Biology and Biotechnology,  
.....  
Faculty of Life Sciences,  
.....  
University of Benin, Benin City.  
.....


**Dear Mr. AMOO**

**NOTIFICATION OF HIGHER DEGREE EXAMINATION RESULT**

I am pleased to inform you that as a result of your having fulfilled the relevant requirements and passed the prescribed examinations held in **2016/2017** academic session, The Senate on **30<sup>th</sup> October, 2018** approved that the degree of **M.Sc. (Genetics)** of this University be awarded to you.

Please, accept our Congratulations.

Yours sincerely,

  
CLARKSON I. EHIGIAMATOR  
Deputy Registrar/ School Secretary  
School of Postgraduate Studies  
For: Registrar

SECRETARY  
POSTGRADUATE SCHOOL  
UNIVERSITY OF BENIN



SCHOOL OF POST GRADUATE STUDIES  
UNIVERSITY OF BENIN  
P.M.B. 1154, BENIN CITY.  
NIGERIA.

ACADEMIC TRANSCRIPT OF:	MATRICULATION NUMBER	SEX	DATE OF BIRTH	YEAR OF ADMISSION
OLALEKAN MUSA AMOO	PG/LSC1514223	M	13/08/91	2015/2016


DEPARTMENT: PLANT BIOLOGY AND BIOTECHNOLOGY

FACULTY: LIFE SCIENCES NATIONALITY: NIGERIAN

COURSE NO	COURSE TITLE	GRADE SCORE	CREDITS
<b>FIRST AND SECOND SEMESTERS</b>			
BOT801	Biostatistics and Bioinformatics	70	3
BOT802	Current Topics	67	3
BOT813	Biochemistry of Carbohydrates, Proteins and Lipids	76	3
BOT818	Advanced Molecular Biology	88	3
BOT819	Advanced Cell Biology	71	3
BOT827	Cell and Tissue Culture Techniques	81	3
BOT830	Molecular Genetics	74	3
BOT831	Population Genetics	70	2
BOT850	Seminar	71	3
BOT851	Project Work	67	6
<b>Average Score: 73.5%</b>			
<b>GPA : 4.9</b>			

TITLE OF THESIS/DISSERTATION SUBMITTED:  
DEGREE/DIPLOMA AWARDED:  
DATE OF THE AWARD

NOT APPLICABLE (PROJECT)  
M.Sc (Genetics)  
2016/2017 Academic Session

  
CLARKSON I. EHIGIALOR  
Senior Deputy Registrar/School Secretary  
School of Postgraduate Studies  
For: Registrar

SECRET  
POST GRADUATE  
UNIVERSITY OF BENIN

**NOTES ON INTERPRETATION OF ACADEMIC TRANSCRIPTS  
CLASSIFICATION OF EXAMINATION RESULTS**

The pass mark in the examination is normally 40%, except in the Faculties of Medicine, Pharmacy and Dentistry where the pass mark is 0%, except that in the Faculty of Pharmacy, the pass mark was 40 up to 1988/1989. Marks scored by students in examination are classified by means of letter grades with the appropriate Grade point assigned as follows:

**CLASSIFICATION OF RESULTS -1970/71 TO 1980/81 SESSION:**

PERCENTAGE SCORE	LETTER GRADE	GRADE POINT AVERAGE
70 AND ABOVE	A	5
60-69%	B	4
50-59%	C	3
45-49%	D	2
40-44%	E	1
30-39%	F	0
Below 39%	Z	-

**CLASSIFICATION OF RESULTS -\*1981/82 SESSION**

PERCENTAGE SCORE	LETTER GRADE	GRADE POINT AVERAGE+
70 AND ABOVE	A	5
60-69%	B+	4
50-59%	B	3
45-49%	C+	2
40-44%	C	1
30-39%	D	0
0-29%	E	-

**CLASSIFICATION OF RESULTS -\*1987/88 SESSION**

COURSE MARK (CM)	LETTER GRADE	GRADE POINT AVERAGE
80-100%	A+	5.0
75-79%	A	4.6
70-74%	A-	4.0
65-69%	B+	3.5
60-64%	B	3.0
55-59%	B-	2.5
50-54%	C+	2.0
45-49%	C	1.5
40-44%	C-	1.0
30-39%	D	0
0-29%	F	-

**CLASSIFICATION OF RESULTS -\*1991/92 SESSION TO DATE:**

COURSE MARK (CM)	LETTER GRADE	GRADE POINT AVERAGE
70-100%	A	5
60-69%	B	4
50-59%	C	3
45-49%	D	2
40-44%	E	1
0-39%	F	0

**EXAMINATION RESULTS:**

The pass mark is normally 40% in all examinations except in the Schools of Medicine, Dentistry and Pharmacy as well as **School of Postgraduate Studies where the minimum pass mark is 50%.**

**ADEKUNLE AJASIN UNIVERSITY**  
AKUNGBA - AKOKO, ONDO STATE, NIGERIA



This is to certify that

**Hardy Chude Akus esq**  
Legal Practitioner and  
Notary Public

**AMOO, Musa Olalekan**

having fulfilled all the requirements of the University  
and passed the prescribed examinations has, under the  
authority of the Senate, been admitted to the Degree of

*Hardy Chude Akus* 23/3/2017

**Hardy Chude Akus esq**  
Legal Practitioner and  
Notary Public

**BACHELOR OF SCIENCE**

with

**First Class (Hons.)**

in

**Plant Science and Biotechnology**

Given this **26<sup>th</sup>** day of **April**, 20 **13**

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Registrar

Vice Chancellor

# ADEKUNLE AJASIN UNIVERSITY

PMB. 001 AKUNGBA AKOKO, ONDO STATE, NIGERIA

OFFICE OF THE REGISTRAR



*Hardy Chude Akus* 23/8/2017  
**Hardy Chude Akus esq**  
 Legal Practitioner and  
 Notary Public

## STUDENT'S RECORDS AND ACADEMIC TRANSCRIPT

**AMOO, Musa Olalekan**

NATIONALITY	SEX	YEAR OF ENTRY	MODE OF ENTRY	MODE OF STUDY	MATRIC NO	DATE OF BIRTH
Nigerian	Male	2008/2009	UME	Full Time	080410021	13/08/91

FACULTY: Science

DEPT: Plant Science & Biotechnology

COURSE CODE	COURSE DESCRIPTION	CREDIT UNIT	GRADE SCORE	LETTER GRADE	GRADE POINT
<b>2008/2009 SESSION FIRST SEMESTER 100 LEVEL</b>					
BIO101	General Biology I	3	60	B	4
BIO103	General Biology I Practical	1	74	A	5
CHM101	Introductory Chemistry I	3	61	B	4
ENT101	Introduction To Entrepreneurship	1	73	A	5
GST111	Use Of English	2	68	B	4
GST113	Use Of Library And Study Skills	2	71	A	5
MAT101	Elementary Mathematics I	3	78	A	5
PHY101	General Physics I	3	67	B	4
PHY103	Experimental Physics I	1	60	B	4
<b>SEMESTER GRADE POINT AVERAGE = 4.36 CUMULATIVE GRADE POINT AVERAGE = 4.36</b>					
<b>SECOND SEMESTER 100 LEVEL</b>					
BIO102	General Biology II	3	67	B	4
BIO104	Experimental Biology II	1	67	B	4
CHM102	Introductory Chemistry II	3	74	A	5
GST114	Nigerian People And Cultures	2	72	A	5
MAT104	Basic Mathematics	3	81	A	5

**AMOO, Musa Olalekan**

<b>SECOND SEMESTER 100 LEVEL 2008/2009 Con'td</b>					
PHY102	General Physics I I	3	78	A	5
PHY104	Practical Physics I I	1	71	A	5
<b>SEMESTER GRADE POINT AVERAGE = 4.75</b>					
<b>CUMULATIVE GRADE POINT AVERAGE = 4.54</b>					
<b>2009/2010 SESSION</b>					
<b>FIRST SEMESTER 200 LEVEL</b>					
BCH201	Introductory Biochemistry I	3	83	A	5
BIO201	Introductory Genetics	3	86	A	5
BIO205	Introductory Developmental Cell Biology	3	64	B	4
CHM211	Organic Chemistry I I	3	80	A	5
ENT201	Business Investment And Management	1	72	A	5
GST211	History And Philosophy Of Science	2	88	A	5
MCB201	General Microbiology I	3	64	B	4
PSB203	Seedless Plants	3	71	A	5
<b>SEMESTER GRADE POINT AVERAGE = 4.71</b>					
<b>CUMULATIVE GRADE POINT AVERAGE = 4.60</b>					
<b>SECOND SEMESTER 200 LEVEL</b>					
BCH202	General Biochemistry I I	3	70	A	5
BIO202	Introductory Ecology	3	57	C	3
BIO204	Biological Techniques	2	67	B	4
BIO206	Biostatistics For Agricultural And Biological Sciences	3	71	A	5
ENT204	Industrial Production Of Fruit Juice And Quality Control	1	72	A	5
GST212	Communication In English I I	2	64	B	4
GST214	Peace And Conflict Resolution	2	70	A	5
MCB202	General Microbiology I I	3	76	A	5
PSB202	Seed Plants	3	70	A	5
PSB204	Introduction To Plant Biotechnology	2	82	A	5
<b>SEMESTER GRADE POINT AVERAGE = 4.58</b>					
<b>CUMULATIVE GRADE POINT AVERAGE = 4.60</b>					
<b>2010/2011 SESSION</b>					
<b>FIRST SEMESTER 300 LEVEL</b>					
BIO301	General Genetics	3	70	A	5
ENT301	Entrepreneurship And Financial Management	1	84	A	5
GST311	Information And Communication Technology	2	73	A	5
PSB301	Plant Taxonomy	3	72	A	5
PSB303	Plant Physiology	3	70	A	5
PSB305	Mycology	3	74	A	5

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	<b>FIRST SEMESTER 300 LEVEL 2010/2011 Con'td</b>				
PSB311	Principle & Research Technique In Biology	2	60	B	4
PSB313	Algology	3	65	B	4
PSB399	Industrial Field Work	3	66	B	4
	<b>SEMESTER GRADE POINT AVERAGE = 4.65</b> <b>CUMULATIVE GRADE POINT AVERAGE = 4.61</b>				
	<b>SECOND SEMESTER 300 LEVEL</b>				
BIO308	Evolution	2	74	A	5
EBF304	Environmental And Conservation Science	3	77	A	5
ENT304	Introduction To Fermented Drinks	1	50	C	3
PSB302	Comparative Plant Anatomy	3	63	B	4
PSB304	Plant Ecology	3	85	A	5
PSB306	Cytogenetics	3	68	B	4
PSB308	Horticulture	2	80	A	5
PSB314	Plant Physiology I I	3	83	A	5
	<b>SEMESTER GRADE POINT AVERAGE = 4.60</b> <b>CUMULATIVE GRADE POINT AVERAGE = 4.60</b>				
	<b>2011/2012 SESSION</b> <b>FIRST SEMESTER 400 LEVEL</b>				
ENT401	Entrepreneurship, Marketing And Purchasing Management	1	73	A	5
PSB401	Plant Breeding	3	67	B	4
PSB403	Nigerian Vegetation	3	79	A	5
PSB409	Plant Virology	3	73	A	5
PSB413	Plant Biochemistry	3	77	A	5
PSB417	Molecular Biology	2	84	A	5
PSB421	Bryology	3	84	A	5
PSB425	Conservation And Development Of Natural Resources	3	74	A	5
PSB499	Seminar	1	74	A	5
	<b>SEMESTER GRADE POINT AVERAGE = 4.86</b> <b>CUMULATIVE GRADE POINT AVERAGE = 4.64</b>				
	<b>SECOND SEMESTER 400 LEVEL</b>				
ENT404	Fabrication Of Basic Equipment For Fruit Juice Production And Exhibition	1	54	C	3
PSB402	Economic Botany	3	76	A	5
PSB404	Population Genetics	3	92	A	5
PSB406	Plant Pathology	3	77	A	5
PSB408	Advances In Plant Biotechnology	2	72	A	5

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PSB412	<i>SECOND SEMESTER 400 LEVEL 2011/2012 Con'td</i>				
	Research Project	4	70	A	5
	<i>SEMESTER GRADE POINT AVERAGE = 4.87</i> <i>CUMULATIVE GRADE POINT AVERAGE = 4.67</i>				


*Degree Awarded: B.Sc in Plant Science & Biotechnology*  
*Class Of Degree: FIRST CLASS HONS*  
*Year Awarded: 2013*

**INTERPRETATION OF GRADES**

<u>MARK</u>	<u>GRADE</u>	<u>POINT</u>
70% and Above	A	5 credit points
60-69%	B	4 credit points
50-59%	C	3 credit points
45%-49%	D	2 credit points
40%-44%	E	1 credit points
Less than 40%	F	0 credit points

**MINIMUM PASS MARK: 40%**

 **ADEKUNLE AJASIN UNIVERSITY**  
**STUDENT'S ACADEMIC TRANSCRIPT**  
**AKUNGBA - AKOKO, ONDO STATE NIGERIA**

Sign:  **V. B. ABE (MRS)**  
Registrar