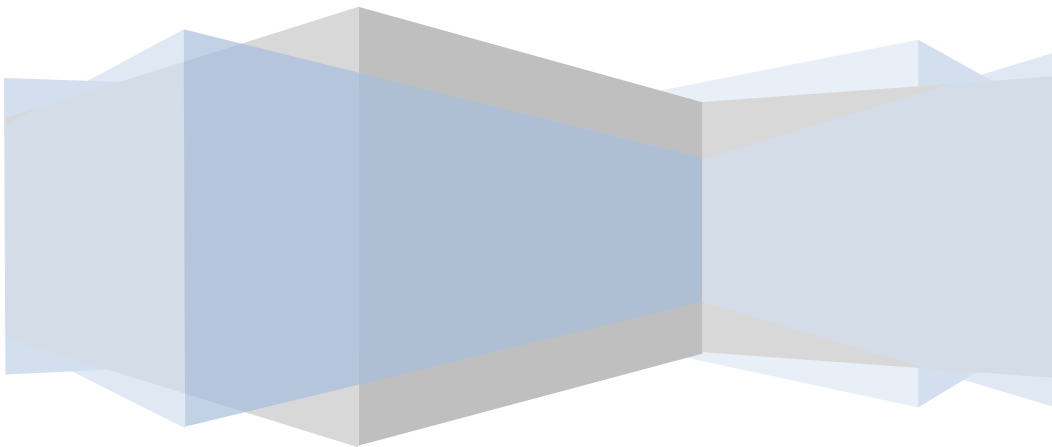




AHMADU BELLO UNIVERSITY,
ZARIA - NIGERIA

ACADEMIC BRIEF

2013 - 2018 *Academic Sessions*



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FOREWORD

Managing without data is like embarking on a journey without a sense of the direction, distance, duration, obstacles and landmarks that one would expect to find on the way. The final result will be either a bankruptcy to attain the anticipated target or if one did at all, at an uneconomical use of time and other resources. It may even sometimes result in a total debacle. It is like steering a ship without any idea of where one is coming from or where one is going. This relation is very pertinent in that it applies to all exertions and in all corporations, Universities not excluded.

There are very many thorny decisions which we take regularly at all levels of the University administration (Faculties/Schools, Departments, Divisions, Units, and especially at the level of the Central Administration – Vice Chancellor's Office, Registry, Bursary, Physical Planning and Municipal Services, Student Affairs, Health Services, etc,) which require critical inputs, precise data and statistics about the realities on the ground and the backgrounds thereto. In a situation where such facts and figures are absent there is always likely to be wrong problem formulation and solution; wrong problem analysis and wrong treatment. A wrong decision will predictably lead to an awkward outcome and, of course, the problem will either remain unsolved or probably even aggravate.

That is the critical situation faced when we do not have Academic records on various aspects of University operations. It is the main justification for producing the first volume of an Academic Brief, such as this. The usefulness of this document even transcends internal application. It will also inform and educate other stakeholders especially those who are outside the University.

The advent of this publication at this time is also a visible justification for the huge investments which we have made during the last few years in the provision of facilities and infrastructure for the collection, collation,

processing and dissemination of data and information. Such investment can only be justified in terms of the extent to which we have exploited it for the generation, processing, storage and retrieval of information.

I am very enchanted indeed that the Directorate of Academic Planning and Monitoring has been able to display the perception and efficacy in making such investment.

We are mindful of the difficulties which pertain to the collection, collation and analysis of data of this nature, but it is our expectation that all major backers and operators in this system should grasp the need to authenticate and sustain appropriate structures in their Departments/Units that will facilitate the timely collation of relevant data. This will go a long way to assist in the timely publication of subsequent editions of this Academic Brief.

I want to also emphasize that the final justification for the effort which has gone into its production is the extent to which we use the Academic Brief. In this connection, I will earnestly advocate that we (at all levels of the university administration) should make effort to consult this brief from time to time, to derive whatever information that may be required to assist with decision about issues at hand.

Professor Ibrahim Garba

Vice – Chancellor

Ahmadu Bello University, Zaria – Nigeria

April, 2018.

PREFACE

The present Academic Brief covers a period of five academic sessions, from 2013/2014 – 2017/2018. The information contained in this volume, in our view, is consistent with the relevant records in the various operational units in the University.

The Brief is divided into ten sections thus:

- | | |
|------------|--|
| Section 1 | Introduction |
| Section 2 | Vision, Mission, Philosophy and Objectives |
| Section 3 | Organizational Structure |
| Section 4 | Academic Pattern |
| Section 5 | Research Policy |
| Section 6 | Academic Support Units |
| Section 7 | Service Units of the University |
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| Section 9 | Cost Estimate |
| Section 10 | University's Performance Audit |

in the interim, I wish to sincerely acknowledge and appreciate the support and encouragement of the Vice Chancellor in the production of this Academic Brief. Similar appreciation is extended to Faculties, Departments, Centres, Institutes, Registry and Bursary who provided us with the required data. It is hoped that everyone would see the need to ensure accurate record keeping in their respective units of operation.

It is with delight, pleasure and gladness that I acknowledge and appreciate the tireless efforts of **Abdullahi Salisu Giwa** our Systems Analyst in the Directorate of Academic Planning & Monitoring Unit for ensuring the production and publication of this document.

Professor M. F. Ishiyaku

Director, Directorate of Academic Planning & Monitoring

April, 2018.

CHAPTER ONE

INTRODUCTION

1.0 PREAMBLE

The Ahmadu Bello University Academic Brief is an essential document, which focuses mainly on the academic activities and partly on the corporal advancement of the University. It comprises the vision, mission, philosophy, academic pattern, organizational structures as well as projection on the future growth and improvement of the University.

Hence, the Academic Brief is the foundation for the academic and physical progress of the University.

1.1 HISTORICAL BACKGROUND

Ahmadu Bello University Zaria was established on 4th October, 1962 by the Northern Nigeria Regional Government. The University started with 4 Faculties, 15 Departments, 2 Institutes, 1 Centre, 425 Students; and 142 teaching and non-teaching Staff. It became Federal Institution in 1975 when the Federal Government took over the ownership of all the regional Universities.

The University's Principal Law part two, empowers it to, among other things, produce high Level manpower, secure the diffusion of knowledge, research and community service throughout Northern Nigeria and the country in general but commensurate with the output of a University of the highest standard. The first Chancellor of the University and the Premier of Northern Nigeria, Sir Ahmadu Bello captured the mission of the University in the following words:

The cardinal principle upon which the University is founded is to impart knowledge and learning to men and women of all races without any distinction on the grounds of race, religious or political beliefs. These principles are enshrined in the University Law. Only through freedom of membership and freedom of

enquiry and research can a University be drawn into the full ferment of thought from which new knowledge comes. Only if it adheres to those freedoms can it become truly great. If our staff and students are drawn from all parts of the world, then the mixture of international minds working together in an atmosphere of academic freedom can produce a university true to its ideal and meanings.

From a modest beginning 56 years ago, Ahmadu Bello University has been transformed into the largest and the most extensive of all Universities in Sub-Saharan Africa. Currently, the University occupies a land area of seven thousand (7,000) hectares and encompasses seventeen (17) Faculties, a Postgraduate School and 99 Academic Departments. It also has over 21 Institutes/Research Centres, a School of Basic and Remedial Studies, a Demonstration Secondary School, a Primary School, and Extension and Consultancy outfits that provide –a variety of services.

The total students enrolment in the University's Undergraduate and Postgraduate degree programmes in the year 2017, is about 52,000, drawn from every State of the Federation of Nigeria, Africa and the rest of the world. There are about 2,700 academic Staff and 8,319 non-teaching staff across the University. The University has also nurtured two University Colleges, the Abdullahi Bayero College (now Bayero University, Kano) and the Abubakar Tafawa Belewa College (now Abubakar Tafawa Balewa University of Technology, Bauchi), and has over 40 tertiary Institutions affiliated to it across the country.

In its 56 years of existence, the University has, met the developmental needs for which it was founded, especially with regards to the production of high-quality graduates and community service in Engineering, Environmental Design, the Medical Sciences, Agriculture, the Humanities, Education and the Natural Sciences. The University's over nine hundred thousand (900,000) alumni are found in all parts of Nigeria, Niger Republic, Cameroon, South Africa, Europe, Asia and the United States. These alumni occupy important positions in the public and the private sectors of the economy, at all Levels of Government and in educational Institutions of higher learning in and outside Nigeria.

CHAPTER TWO

VISION, MISSION, PHILOSOPHY

2.1 Vision

The vision of Ahmadu Bello University is as follows:

Ahmadu Bello University shall be a world-class, apex University engaged in imparting knowledge and learning to men and women of all races, using high-quality facilities and multi-disciplinary approach. Through freedom of membership, inquiry, research, dynamic and interactive leadership and management, the University would be drawn into the full ferment of thought from which new knowledge comes; through high-caliber and motivated staff and students drawn from all parts of the world, and working together in an atmosphere for academic freedom and security, the University would maintain a high reputation for quality and institutional discipline true to its ideals and meanings. The University would reflect the needs, the traditions, the social and intellectual heritage of the land in which it is located by developing its own pattern to suit its present background and meet its future needs.

2.2. Mission

Similarly, the mission of Ahmadu Bello University stands thus as:

To advance the frontiers of learning and break new grounds, through teaching, research and the dissemination of knowledge of the highest quality; to establish and foster national and international integration, development and the promotion of African tradition and culture; to serve as a model and conscience of the Society; to produce high-Level human power and enhance capacity-building through retraining, in order to meet the needs and challenges of the 21st Century.

2.3 Philosophy and Objective

- i. To provide regular and liberal courses of instruction in humanities, the sciences and other spheres of learning as required and expected of a university of the highest standing;
- ii. To promote research and the advancement in science and technology.
- iii. To secure the diffusion of knowledge throughout Nigeria.

These objectives are derived from the University's philosophy of "Freedom of Membership and Freedom of Enquiry and Research."

CHAPTER THREE

ORGANIZATIONAL STRUCTURE

3.0 Administrative Structure of A.B.U

3.1 The Visitor

The President of the Federal Republic of Nigeria is the Visitor of Ahmadu Bello University as provided for by the relevant laws of the land. He attends the University's convocation ceremonies either in person or sends a representative from time to time; he sets up a visitation Panel to examine the previous performance of the University and to recommend to the Visitor the necessary measures to be taken to help the University achieve its objectives and goals relevant to national needs and development.

3.2 The Chancellor

The Chancellor of Ahmadu Bello University performs ceremonial functions. Usually, he confers Degrees and Diplomas on graduands of the University at every Convocation ceremony. He also distributes Certificates and Prices to deserving graduands during such ceremonies.

3.3 The Pro-Chancellor

The Pro-Chancellor is also the Chairman of the University Governing Council. The Council is the highest Policy and decision-making body of the University and has power to manage all matters otherwise provided for by , or under, the Law. It meets at least twice yearly. He is usually appointed by the Federal Government.

3.4 ROLES AND FUNCTIONS OF PRINCIPAL OFFICERS

3.4.1 The Vice-Chancellor

The Vice-Chancellor is the Chief Executive and Accounting Officer of the University. He Chairs several Committees and sees to the implementation of decisions of the University Council and the day-to-day management of the affairs of the University. The Vice-Chancellor holds a 5-year non-renewable tenure appointment.

3.4.2 The Two Deputy Vice-Chancellors

The two Deputy Vice-Chancellors – Administration and Academics who are usually elected by the Senate of the University and subsequently ratified and approved by the Council. They assist the Vice-Chancellor in both administration and academics, in the day-to-day activities of the University.

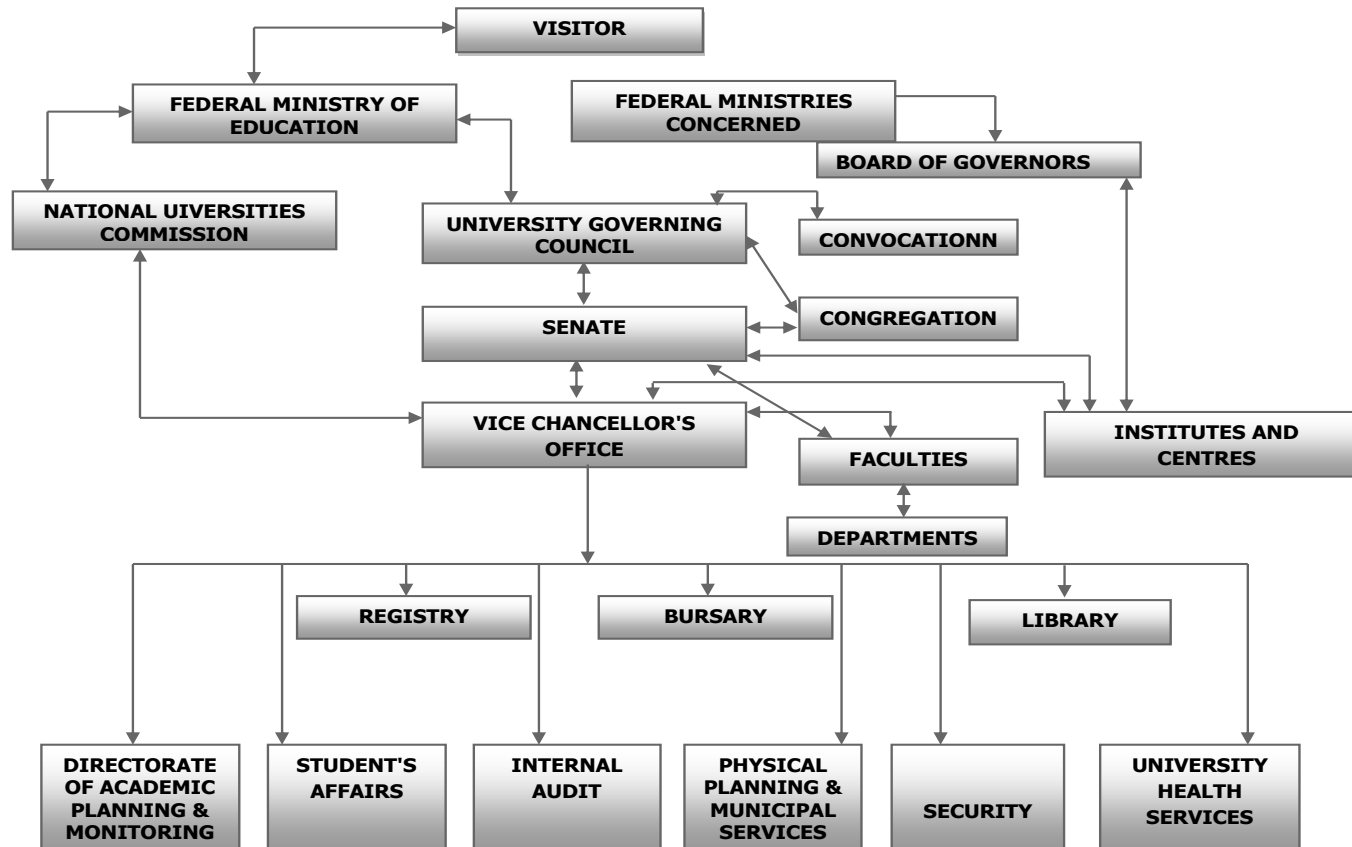
3.4.3 The Registrar

The Registrar is the Chief Administrative Officer of the University and he is responsible to the Vice-Chancellor for the day-to-day administrative work of the University. He heads the Registry Department and serves as the Chief administrative adviser to the Vice-Chancellor. He is the Secretary to the University Council, Senate, Appointment and Promotions Committee, Congregation, Convocation and the Honorary Degree Awards Committees. The Registrar is also expected to plan, organize, direct and coordinate the operations of the administrative machinery of the University-including academic matters.

3.4.4 The Bursar

The Bursar is the custodian of the finances of the University and heads the Bursary Department. He is responsible to the Vice-Chancellor for the day-to-day financial transactions of the University especially, in respect of disbursement of funds, financial accounting and treasury services; contracts, pensions, gratuity, loans, insurance and several other planning and annual budget preparations. The Bursar represents the Vice-Chancellor in all financial matters. He ensures that financial regulations are made, published for the knowledge of the University Community and ensures that financial procedures are followed. It is part of his functions to see to it that funds generated or allocated are judiciously used.

Ahmadu Bello University Organisational Structure (Organogram)



CHAPTER FOUR

ACADEMIC PATTERN

4.0. Introduction

The academic pattern of the University is described in this chapter. The University has universal standard qualitative academic programmes organised into faculty system. Related departments with their programmes are grouped together to form a Faculty headed by a Dean. The University has a School of Postgraduate Studies, also headed by a Dean.

4.1 Existing Faculties

The University has seventeen academic Faculties, namely:

- i. Administration
- ii. Agriculture
- iii. Allied Health Sciences
- iv. Arts
- v. Basic Clinical Sciences
- vi. Basic Medical Sciences
- vii. Business School
- viii. Clinical Sciences
- ix. Education
- x. Engineering
- xi. Environmental Design
- xii. Law
- xiii. Life Sciences
- xiv. Pharmaceutical Sciences
- xv. Physical Sciences
- xvi. Social Science
- xvii. Veterinary Medicine

4.2 School of Postgraduate Studies

The School of Postgraduate Studies was established in 1980 to enable the University achieve a higher degree of emphasis and coordination in its

postgraduate training and research. The School is also charged with the responsibility of assisting Departments improve training programmes to provide qualified manpower for the University, other Universities, the private sector, institutions of higher learning, public corporations and parastatals, Federal and State Governments. Recently, Ahmadu Bello University along with the University of Ibadan and the University of Nigeria Nsukka have been charged with the responsibility of producing the needed manpower for other tertiary institutions hence the requirement on these institutions to place more emphasis on postgraduate studies. This position was re-iterated by the Council of the University in its 2013 retreat. The School has about 10, 000 postgraduate students in the 2017/2018 academic session, drawn from various parts of Nigeria, other African countries as well as from other parts of the world.

Table. 1: Existing Programmes by Faculties, and Departments

Faculty of Administration

Department	Programme	Award
Local Government and Development Studies	Local Government & Development Studies	B.A.
	Policy and Development Studies (PGDPS)	PGD
	Local Government and Development Studies	M.Phil
	Policy and Development Studies (F/T)	M.Sc
	Policy and Development Studies (Full-time)	M.Phil
	Policy and Development Studies (MFDS)(Part-time)	Master (MFDS)
	Local Government Studies	Ph.D
Public Administration	Public Administration	B.Sc.
	Human Capital Development	PGD
	Public Administration (Part-Time)	PGD
	Public Administration	M.Phil
	Public Administration (Full-Time)	M.Sc
	Public Administration (Full-Time)	Master
	Public Administration (Part-Time)	Master
	Public Administration (Full-Time)	Ph.D

Faculty of Agriculture

Department	Programme	Award
Agricultural Economics and Rural Sociology	Agricultural Extension	B.Agric Extn.
	Agric. Economics	M.Sc
	Agric. Extension & Rural Sociology	M.Sc
	Farm Management & Extension	PGD
	Agric. Economics	Ph.D
Agronomy	Agric. Extension & Rural Sociology	Ph.D
	Crop Production	PGD
	Agronomy	M.Sc
	Agronomy	M.Phil
	Agronomy	Ph.D
Agriculture	Agriculture	B. Agric
	Fisheries and Aquaculture	B.F&A
	Forestry and Wildlife	B.F&W
Animal Science	Animal Production (Part-Time)	PGDAP
	Animal Science (Full-Time)	M.Sc
	Animal Science (Full-Time)	Ph.D
Crop Protection	Crop Protection (Full-time)	M.Sc
	Crop Protection (Full-time)	Ph.D
Plant Science	Seed Production & Technology (Part-Time)	PGD
	Plant Breeding (AGRA) Full Time	M.Sc
	Crop Physiology	M.Sc
	Crop Physiology (Full-Time)	Ph.D
	Plant Breeding (Full-Time)	Ph.D
Soil Science	Soil Science (Full-time)	M.Sc
	Soil Science (Full-time)	Ph.D

Faculty of Arts

Department	Programme	Award
Archaeology	Archaeology	B.A.
	Archaeology/History	B.A.
	Archaeology (Full-Time)	M.A
	Archaeology	Ph.D
	Cultural Resource Management	Ph.D
Theatre and Performing Arts Arts	Theatre and Performing Arts Arts	B.A.
	Theatre and Performing Arts Arts	PGD
	Development Communization (Full-Time)	M.A
	Theatre Performing Arts (Full-Time)	M.A
	Development Communization (Full-Time)	Ph.D
	Theater for Development (Full-Time)	Ph.D
	Theatre and Performing Arts Arts (Full-Time)	Ph.D
English	English (Language)	B.A.
	English (Literature)	B.A.
	English Lang. (Full-Time)	M.A
	English Literature (Full-Time)	M.A
	Literature (Full-Time)	M.A
	English Lang. (Full-Time)	Ph.D
	English Literature (Full-Time)	Ph.D
French	French	B.A.
	French (Full-Time)	M.A
	French (Full-time)	Ph.D
History	History	B.A.
	History (Full-time)	M.A
	History (Full-time)	Ph.D
African Languages and Cultures	Hausa	B.A.
	Translation and Interpretation	PGD
	African Language (Hausa)	M.A
	African Literature (Hausa)	M.A
	African Language (Hausa) Full-time	M.A
	African Language (Hausa) Full-time	Ph.D
	African Language (Linguistics) Full-time	Ph.D
Arabic	Arabic	B.A.
	Arabic (Language)	M.A

	Arabic (Literature)	M.A
	Arabic Language	Ph.D
	Arabic (Literature)	Ph.D
Philosophy	Philosophy	M.A
	Philosophy	M.Phil
	Philosophy	PhD

Business School

Department	Programme	Award
Accounting	Accounting	B.Sc.
	Accounting (Part-time)	PGD
	Accounting (Part-Time)	Master
	Accounting (Full time)	M.Sc
	Accounting (Full time)	M.Phil
	Accounting (Full time)	Ph.D
Banking and Finance	Banking and Finance	B.Sc.
	Banking and Finance	PGD
	Banking and Finance	M.Sc
	Banking and Finance (Part-Time)	Master
	Banking and Finance	Ph.D
Business Management	Business Management	B.Sc.
	Business Management (Part-time)	PGD
	Business Management (Full-Time)	M.Sc
	Business Management (Full-time)	Master
	Business Management (Part-Time)	Master
	Business Management	M.Phil
	Business Management	Ph.D
Economics	Economics	B.Sc
	Economics (Full-time)	M.Sc
	Economics (Full-time)	Ph.D
Insurance and Actuarial Sciences	Insurance and Actuarial Science	B.Sc.
	Insurance and Actuarial Science	PGD
	Insurance and Actuarial Science	M.Sc
	Insurance and Actuarial Science	Ph.D
Marketing	Marketing	B.Sc.
	Marketing	PGD
	Marketing	M.Sc
	Marketing	Ph.D

College of Medical Sciences

Faculty of Allied Sciences		
Department	Programme	Award
Medical Laboratory Sciences	Medical Laboratory Sciences	B.MLS
Medical Radiography	Medical Radiography	B.MR
Nursing Sciences	Nursing Sciences	B.NSc
	Nursing Sciences	M.Sc
	Nursing Sciences	M.Phil
	Nursing Sciences	Ph.D
Faculty of Clinical Sciences		
Department	Programme	Award
Anaesthesia		
Community Medicine		
Dental Surgery		
Medicine		
Obstetrics and Gynaecology		
Ophthalmology		
Paediatrics		
Psychiatry		
Radiology		
Surgery		
Trauma and Orthopaedic Surgery		
	Bachelor of Dental Surgery	BDS
	Immunology	MSc
	Medicine	MD
	Master of Reproductive Health	MRH
	Master of Public Health	MPH
	Field Epidemiology (FELTP)	MPH
	Immunology	PhD
	Residency training programmes	
Faculty of Basic Clinical Sciences		
Department	Programme	Award
Chemical Pathology	Chemical Pathology	MSc
	Chemical Pathology	PhD
Haematology and Blood Transfusion	Clinical Haematology	MSc
	Clinical Haematology	MD
	Clinical Haematology	Ph.D
Medical Microbiology	-	-
Pathology	Pathology	MSc
	Pathology	Ph.D

	Residency training programmes	
Faculty of Basic Medical Sciences		
Human Anatomy	Human Anatomy	BSc
	Anatomical Sciences	PGD
	Human Anatomy	MSc
	Human Anatomy	Ph.D
Human Physiology	Human Physiology	BSc
	Human Physiology	MSc
	Human Physiology	MD
	Human Physiology	Ph.D
Medical Biochemistry	-	-

Faculty of Education

Department	Programme	Award
Science Education	Biology Education	B.Ed.
	Chemistry Education	B.Ed.
	Geography Education	B.Ed.
	Integrated Science	B.Ed.
	Mathematics Education	B.Ed.
	Physics Education	B.Ed.
	Computer Science Education	B.Sc (Ed)
	Biology Education	M.Ed
	Chemistry Education	M.Ed
	Geography Education	M.Ed
	Integrated Science	M.Ed
	Mathematics Education(Full Time)	M.Ed
	Physics Education	M.Ed
	Mathematics Education (Full Time)	Ph.D
Library and Information Science	(Bachelor of Library & Information Science)	BLIS
	Information Management (Part-Time)	PGD
	Information Management	M.Phil
	Library & Information Science	M.Phil
	Information Science (Full-Time)	M.Sc
	Library and Information Science (Full-time)	Master
	Information Management (Part-time)	Master

	Archive and Records Management (Full-Time)	Master
	Information Science	Ph.D
	Library Science and Information Science	Ph.D
Human Kinetics and Health Education	Physical & Health Education	B.Ed.
	Health Education (Full-Time)	M.Ed
	Physical Education (Full-Time)	M.Ed
	Exercise and Sports Sciences (Full-Time)	M.Sc
	Sports Management (Full-Time)	M.Sc
	Exercise & Sports Science (Full-Time)	Ph.D
	Health Education (Full-Time)	Ph.D
	Physical Education	PH.D
	Sports Management (Full-Time)	Ph.D
Vocational and Technical Education	Business Education	B.Ed.
	Home Economics	B.Ed.
	Ed. Agriculture Education	B.Sc.
	Business Education (Full-Time)	M.Ed
	Clothing & Textiles	M.Ed
	Family and Child Development	M.Ed
	Home Economics (Full-Time)	M.Ed
	Vocational & Technical Education	M.Ed
	Agricultural Education (Full-Time)	M.Sc(Ed)
	Business Education (Full-Time)	Ph.D
	Home Economics (Full-Time)	Ph.D
Arts and Social Science Education	Arabic Education	B. Ed
	Hausa Education	B. Ed
	Christian Religious Studies	B.Ed.
	Islamic Religious Studies	B.Ed.
	Social Studies	B.Ed.
	Arabic Education (Full-Time)	M.Ed
	Christian Religious Studies (Full-Time)	M.Ed
	Islamic Religious Studies (Full-Time)	M.Ed
	Language Arts (Hausa)	M.Ed
	Social Studies (Full-Time)	M.Ed
	Teaching English as Second Language	M.Ed

	(Full-Time)	
	Christian Religious Studies (Full-Time)	Ph.D
	Islamic Religious Studies (Full-Time)	Ph.D
	Language Arts (Hausa)	Ph.D
	Social Studies (Full-Time)	Ph.D
	Teaching English as Second Language (Full-Time)	Ph.D
Educational Foundation and Curriculum	PGDE (Full Time)	PGD
	Administration & Planning (Full-Time)	M.Ed
	Curriculum & Instruction (Full-Time)	M.Ed
	Instruction Technology	M.Ed
	Curriculum & Instruction (Full-Time)	Ph.D
	Education Administration & Planning (Full-Time)	Ph.D
	Instruction Technology (Full-Time)	Ph.D
Educational Psychology and Counselling	Education Psychology and Counselling	B.Ed
	Guidance and Counselling	B.Ed.
	Education Psychology	M.Ed
	Guidance and Counselling	M.Ed
	Measurement and Evaluation	M.Ed
	Education Psychology (Full-Time)	Ph.D
	Guidance and Counselling	Ph.D

Faculty of Engineering

Department	Programme	Award
Agricultural Engineering	Agicultural Engineering	B.Eng.
	Agicultural Engineering	M.Sc
	Farm Power and Machinery	M.Sc
	Agicultural Engineering	Ph.D
Chemical Engineering	Chemical Engineering	B.Eng.
	Chemical Engineering (Full-Time)	PGD
	Chemical Engineering (Full-Time)	M.Sc
	Chemical Engineering (Full-time)	Ph.D
	Chemical Engineering (Part-time)	Ph.D
Civil Engineering	Civil Engineering	B.Eng.
	Civil Engineering (Full-Time)	M.Sc
	Geotechnics (Full-Time)	M.Sc

	Structures (Full-Time)	M.Sc
	Transportation and High Way (Full-Time)	M.Sc
	Civil Engineering (Full-time)	Ph.D
	Civil Engineering (Part-time)	Ph.D
	Structure (Full-time)	Ph.D
Electrical Engineering	Electrical Engineering	B.Eng.
	Power and Machine	PGD
	Power Systems Engineering	M.Sc
	Electrical Machines and Industrial Drives	M.Sc
	Power Systems Engineering	Ph.D
	Electrical Machines and Industrial Drives	Ph.D
Mechanical Engineering	Automotive Engineering	B.Eng.
	Mechanical Engineering	B.Eng.
	Mechatronics Engineering	B.Eng.
	Mechanical Engineering	PGD
	Safety Engineering & Disaster Control	PGD
	Oil and Gas Management (Part Time)	M. Eng.
	Mechanical Engineering (Energy Studies)	M.Sc
	Engineering Management (Part-Time)	M. Eng.
	Mechatronics	M.SC
	Mechanical Engineering (Production Engineering)	M.Sc
	Engineering Management (Full Time)	M.Phil
	Mechanical Engineering (Energy Studies)	M.Phil
	Mechanical Engineering (Production Engineering)	M.Phil
	Mechanical Engineering (Energy Studies)	Ph.D
	Mechanical Engineering (Production Engineering)	Ph.D
Water Resources and Environmental Engineering	Water Resources & Environmental Engineering	B.Eng.
	Environmental Engineering and Management	PGD

	Water Resource Engineering	PGD
	Irrigation and Drainage Engineering	M.Sc
	Environmental Engineering	M.Sc
	Hydraulics and Engineering Hydrology	M.Sc
	Water Resources & Environmental Engineering (Full-Time)	M.Sc
	Water Resources & Environmental Engineering (Full-Time)	Ph.D
Communication Engineering	Communications Engineering	B.Eng.
	Electronics & Telecommunications	PGD
	Electronics Engineering	M.Sc
	Telecommunications Engineering	M.Sc
	Electronics Engineering	Ph.D
	Telecommunications Engineering	Ph.D
Computer Engineering	Computer Engineering	B.Eng.
	Computer Engineering	PGD
	Computer Engineering	M.Sc
	Control Engineering	M.Sc
	Computer Engineering	Ph.D
	Control Engineering	Ph.D
Metallurgical and Material Engineering	Metallurgical and Materials Engineering	B.Eng.
	Metallurgical & Materials Engineering (Full-Time)	M.Sc
	Metallurgical & Materials Engineering (Full-Time)	Ph.D
Polymer and Textile Engineering	Polymer & Textile Science	B.Eng
	Textile Engineering	B.Sc
	Color Chemistry	PGD
	Textile Engineering (Part-Time)	PGD
	Color Chemistry & Technology (Full-Time)	M.Sc
	Fibre and Polymer	M.Sc
	Textile Engineering (Full-Time)	M.Sc
	Color Chemistry (Full-Time)	Ph.D
	Fiber & Polymer (Full-Time)	Ph.D
	Textile Engineering (Full-Time)	Ph.D

Faculty of Environmental Design

Department	Programme	Award
Architecture	Architecture	B.Sc.
	Landscape Architecture (Part-Time)	PGD
	Architecture	M.Sc
	Landscape Architecture (Part-Time)	Master
	Urban Design (Full-Time)	Master
	Urban Design (Part-Time)	Master
	Architecture (Full-Time)	Ph.D
	Architecture (Part-Time)	Ph.D
Building	Building	B.Sc.
	Building (Part-time)	PGD
	Building Services (Full-time)	M.Sc
	Construction Management (Full-time)	M.Sc
	Construction Technology (Full-time)	M.Sc
	Facilities Management (Part-time)	Master
	Building Services (Full-time)	Ph.D
	Construction Management (Full-time)	Ph.D
	Construction Technology (Full-time)	Ph.D
Fine Art	Fine Art	B.A.
	Art Pedogogy (Full-time)	M.A
	Art History (Full-time)	M.A
	Fine Art - Painting (Full-time)	Master
	Fine Art - Sculpture (Full-time)	Master
	Art Pedogogy (Full-time)	Ph.D
	Art History (Full-time)	Ph.D
	Painting (Full-time)	Ph.D
	Sculpture (Full-time)	Ph.D
Geomatics	Geomatic Engineering	B.Eng
	Geomatics	B.Sc.
	Geomatics	PGD
	Geomatics (Full-Time)	M.sc
	Geomatics (Full & Part -Time)	Ph.D
Industrial Design	Industrial Design	B.A.
	Industrial Design (Full-time)	M.A
	Industrial Design (Full-time)	Ph.D
	Industrial Design (Part-time)	Ph.D
Glass And Silicate Technology	Glass Technology	B.Sc.
	Glass Technology	M.Sc
	Glass Technology	Ph.D

Urban and Regional Planning	Urban & Regional Planning	B.URP
	Urban & Regional Planning (Full-Time)	M.Sc
	Tourism & Recreation (Full-Time)	M.Sc
	Urban Management (Full-Time)	M.Sc
	Urban Regional Planning (Full-time)	Ph.D
Quantity Surveying	Quantity Surveying	B.Sc.
	Project Management	M.Sc
	Quantity Surveying	M.Sc
	Quantity Surveying (Full-Time)	Ph.D
	Quantity Surveying (Part-Time)	Ph.D

Faculty of Law

Department	Programme	Award
Commercial Law		
Islamic Law		
Public Law		
Private Law		
	Civil Law	LLB
	With Specialization in Islamic Law	LLB
	Corporate Governance	PGD
	Islamic Law	PGD
	Estate Management	PGD
	International Law & Diplomacy	PGD
	Commercial Law	LLM
	Islamic Law	LLM
	Public Law	LLM
	Private Law	LLM
	Law	M.A
	Commercial Law	M.Phil
	Islamic Law	M.Phil
	Public Law	M.Phil
	Private Law	M.Phil
	Commercial Law	Ph.D
	Islamic Law	Ph.D
	Public Law	Ph.D
	Private Law	Ph.D

Faculty of Life Sciences

Department	Programme	Award
Biochemistry	Biochemistry	B.Sc
	Forensic Biotechnology	PGD
	Nutrition (Part-Time)	PGD
	Biochemistry (Full-Time)	M.Sc
	Biotechnology	M.Sc
	Nutrition	M.Sc
	Biochemistry (Full-Time)	Ph.D
	Biotechnology	Ph.D
Biology	Biology	B.Sc
	Fisheries	PGD
	Biology	M.Sc
	Fisheries	M.Sc
	Biology	Ph.D
	Fisheries	Ph.D
Botany	Botany	B.Sc
	Botany	M.Sc
	Botany	Ph.D
Microbiology	Microbiology	B.Sc
	Microbiology (Part-Time)	PGD
	Microbiology (Full-Time)	M.Sc
	Microbiology (Full-Time)	Ph.D
	Microbiology (Part-Time)	Ph.D
Zoology	Zoology	B.Sc
	Zoology	M.Sc
	Zoology	Ph.D

Faculty of Pharmaceutical Sciences

Department	Programme	Award
	Pharmacy	B.Pharm.
Clinical Pharmacy	Clinical Pharmacy	M.Sc
	Clinical Pharmacy	Ph.D
Pharmacognosy and Drug Development	Herbal Medicine	PGD
	Pharmacognosy and Drug Development (Full-Time)	M.Sc
	Pharmacognosy and Drug Development	Ph.D
Pharmaceutical and Medicinal Chemistry	Pharmaceutical and Medicinal Chemistry (Full-Time)	M.Sc
	Pharmaceutical & Medicinal Chemistry	Ph.D
Pharmaceutics and Pharmaceutical Microbiology	Pharmaceutical Microbiology (Full-Time)	M.Sc
	Pharmaceutics	M.Sc
	Pharmaceutical Microbiology	Ph.D
	Pharmaceutics	Ph.D
Pharmacology and Therapeutics	Pharmacology	PGD
	Pharmacology	M.Sc
	Pharmacology	M.Phil
	Pharmacology	Ph.D

Faculty of Physical Sciences

Department	Programme	Award
Chemistry	Chemistry	B.Sc
	Analytical Chemistry	PGD
	Environmental Chemistry	PGD
	Inorganic Chemistry	M.Sc
	Organic Chemistry	M.Sc
	Petroleum Chemistry	M.Sc
	Physical Chemistry	M.Sc
	Polymer Science & Technology	M.Sc
	Analytical Chemistry	M.Sc
	Environmental Chemistry	M.Sc
	Analytical Chemistry	Ph.D

	Inorganic Chemistry	Ph.D
	Organic Chemistry	Ph.D
	Physical and Theoretical Chemistry	Ph.D
	Polymer Science & Technology	Ph.D
Geography & Environmental Management	Geography	B.Sc
	Disaster Risk Management and Development Studies	PGD
	Geographical Information System (Part-Time)	PGD
	Transport & Logistics (PGDTL)	PGD
	Demographic Population Studies (Full-Time)	M.Sc
	Disaster Management	M.Sc
	Environmental Management (Full-Time)	M.Sc
	Geography (Full-Time)	M.Sc
	GIS & Remote Sensing (Full-Time)	M.Sc
	Rural Development (Full-Time)	M.Sc
	Transport Management (Full-Time)	M.Sc
	Transport & Logistics (MTL)	Master
	Disaster Risk Management and Development Studies	Master
	Disaster Management	M.Phil
	Environmental Management	Ph.D
	GIS & Remote Sensing (Part-Time)	Ph.D
	Disaster Management	Ph.D
	Geography (Full-Time)	Ph.D
	Rural Development (Full-Time)	Ph.D
Geology	Geology	B.Sc
	Geology (Full-Time)	PGD
	Geology	M.Sc
	Geology (Full-Time)	Ph.D
	Geology (Part-Time)	Ph.D
Mathematics	Mathematics	B.Sc
	Mathematics (Full-Time)	M.Sc
	Mathematics (Full-Time & Part-Time)	Ph.D
Physics	Physics	B.Sc
	Applied Geophysics (Full-Time)	M.Sc
	Nuclear Physics (Full-Time)	M.Sc
	Physics (Full-Time)	M.Sc

	Radiation Biophysics (Full-Time)	M.Sc
	Applied Geophysics (Full-Time)	Ph.D
	Nuclear Physics (Full-Time)	Ph.D
	Physics (Full-Time)	Ph.D
	Radiation Biophysics (Full-Time)	Ph.D
Computer Science	Computer Science	B.Sc
	Computer Science (Part-Time)	PGD
	Computer Science (Full-Time)	M.Sc
	Computer Science (Full-Time)	Ph.D
Statistics	Statistics	B.Sc
	Statistics (Part-Time)	PGD
	Statistics (Full-Time)	M.Sc
	Statistics (Full-Time)	Ph.D
	Statistics (Part-Time)	Ph.D

Faculty of Social Science

Department	Programme	Award
Mass Communication	Mass Communication	B.Sc
	Mass Communication (Part-Time)	PGD
	Mass Communication (Full-time)	M.Sc
	Journalism (MIJ)	Master
	Strategic Communication (MISC)	Master
	Mass Communication	Ph.D
Political Science	International Studies	B.Sc
	Political Science	B.Sc
	Political Science	M.Phil
	International Relations	M.Phil
	International Relation (FT)	M.Sc
	Political Science (Full-time)	M.Sc
	Peace and Conflict Management (MPCM)	Master
	Intern. Affairs & Diplomacy (Part-time)	Master
	Peace and Conflict Management (PGDCM)	PGD
	Political Science (Full-time)	Ph.D
Sociology	Sociology	B.Sc
	Sociology (Full-time)	M.Sc
	Law enforcement Criminal	Master

	Justice(MLC) (Part-Time)	
	Sociology	Ph.D

Faculty of Veterinary Medicine

Department	Programme	Award
Veterinary Anatomy	Veterinary Anatomy (Full-Time)	M.Sc
	Veterinary Anatomy	Ph.D
Veterinary Medicine	DVM	DVM
	Aquatic Medicine	M.Sc
	Avian Medicine	M.Sc
	Food Animal Medicine	M.Sc
	Avian Medicine	Ph.D
	Equine Medicine	Ph.D
	Food Animal Medicine	Ph.D
Veterinary Parasitology and Entomology	Veterinary Entomology	M.Sc
	Veterinary Helminthology	M.Sc
	Veterinary Protozoology	M.Sc
	Veterinary Entomology	Ph.D
	Veterinary Helminthology	Ph.D
	Veterinary Protozoology	Ph.D
Veterinary Public Health and Preventive Medicine	Public Health (Full-Time)	M.Sc
	Vet. Public Health & Preventive Medicine	M.Sc
	Vet Public Health and Preventive Medicine(Full-Time)	Ph.D
Veterinary Pathology	Veterinary Pathology	M.Sc
	Veterinary Pathology	Ph.D
Veterinary Pharmacology and Toxicology	Veterinary Pharmacology(Full-Time)	M.Sc
	Veterinary Toxicology (Full-Time)	M.Sc
	Veterinary Pharmacology (Full-Time)	Ph.D
	Veterinary Pharmacology (Part-Time)	Ph.D
	Veterinary Toxicology	Ph.D
Veterinary Surgery and Radiology	Food Animals Surgery	M.Sc
	Equine Surgery	M.Sc
	Veterinary Soft Tissues Surgery	M.Sc

	Veterinary Orthopaedic Surgery	M.Sc
	Veterinary Diagnostic Imaging	M.Sc
	Veterinary Anaesthesiology	M.Sc
	Wild Surgery	M.Sc
	Veterinary Surgery	M.Phil
	Veterinary Surgery	Ph.D
	Food Animals Surgery	Ph.D
	Equine Surgery	Ph.D
	Veterinary Soft Tissues Surgery	Ph.D
	Veterinary Orthopaedic Surgery	Ph.D
	Veterinary Diagnostic Imaging	Ph.D
	Veterinary Anaesthesiology	Ph.D
	Wild Surgery	Ph.D
Theriogenology and Production	Theriogenology (Full-Time)	M.Sc
	Theriogenology (Full-Time)	Ph.D
Veterinary Microbiology	Veterinary Microbiology (Full-Time)	M.Sc
	Veterinary Microbiology (Full-Time)	Ph.D
	Veterinary Microbiology (Part-Time)	Ph.D
Veterinary Physiology	Veterinary Physiology (Full-Time)	M.Sc
	Veterinary Physiology (Full-Time)	M.Phil
	Veterinary Physiology (Full-Time)	Ph.D
	Veterinary Physiology (Part-Time)	Ph.D

Table. 2 Summary of Programmes by Faculty and Department

Faculty/Department	UG	PGD	Master	M.Phil	Ph.D	Total
Administration	2	3	5	3	2	15
Local Government and Development Studies	1	1	2	2	1	7
Public Administration	1	2	3	1	1	8
Agriculture	4	4	8	1	8	25
Agricultural Economics and Rural Sociology	1	1	2		2	6

Agronomy		1	1	1	1	4
Animal Science		1	1		1	3
Crop Protection			1		1	2
Plant Science		1	2		2	5
Soil Science			1		1	2
Allied Sciences	3		1	1	1	6
Medical Laboratory Sciences	1					1
Medical Radiography	1					1
Nursing Sciences	1		1	1	1	4
Arts	9	2	14	1	14	40
African Languages and Cultures	1	1	3		2	7
Arabic	1		2		2	5
Archeology	2		1		2	5
English	2		3		2	7
French	1		1		1	3
History	1		1		1	3
Philosophy			1	1	1	3
Theatre and Performing Arts	1	1	2		3	7

Basic Clinical Sciences			4		3	7
Chemical Pathology			1		1	2
Haematology and Blood Transfusion			2		1	3
Medical Microbiology						
Pathology			1		1	2
Basic Medical Sciences	2	1	3		2	8
Human Anatomy	1	1	1		1	4
Human Physiology	1		2		1	4
Medical Biochemistry						
Business School	6	5	10	2	6	29
Accounting	1	1	2	1	1	6
Banking and Finance	1	1	2		1	5
Business Management	1	1	3	1	1	7
Economics	1		1		1	3
Insurance and Actuarial Sciences	1	1	1		1	4
Marketing	1	1	1		1	4
Clinical Sciences	2		5		1	8
Anaesthesia						

Community Medicine						
Dental Surgery						
Medicine						
Obstetrics and Gynaecology						
Ophthalmology						
Paediatrics						
Psychiatry						
Radiology						
Surgery						
Trauma and Orthopaedic Surgery						
Education	19	2	32	2	19	74
Arts and Social Science Education	5		6		5	16
Educational Foundation and Curriculum		1	3		3	7
Educational Psychology and Counselling	2		3		2	7
Human Kinetics and Health Education	1		4		4	9
Library and Information Science	1	1	4	2	2	10
Science Education	7		6		1	14
Vocational and Technical Education	3		6		2	11

Engineering	13	10	26	3	19	71
Agricultural Engineering	1		2		1	4
Chemical Engineering	1	1	1		2	5
Civil Engineering	1		4		3	8
Communication Engineering	1	1	2		2	6
Computer Engineering	1	1	2		2	6
Electrical Engineering	1	1	2		2	6
Mechanical Engineering	3	2	5	3	2	15
Metallurgical and Material Engineering	1		1		1	3
Polymer and Textile Engineering	2	2	3		3	10
Water Resources and Environmental Engineering	1	2	4		1	8
Environmental Design	9	3	20		16	48
Architecture	1	1	4		2	8
Building	1	1	4		3	9
Fine Arts	1		4		4	9
Geomatics	2	1	1		1	5
Glass And Silicate Technology	1		1		1	3

Industrial Design	1		1		2	4
Quantity Surveying	1		2		2	5
Urban and Regional Planning	1		3		1	5
Law	2	4	5	4	4	19
Commercial Law		1	1	1	1	4
Islamic Law		1	1	1	1	4
Private Law		1	1	1	1	4
Public Law		1	1	1	1	4
Life Sciences	5	4	8		8	25
Biochemistry	1	2	3		2	8
Biology	1	1	2		2	6
Botany	1		1		1	3
Microbiology	1	1	1		2	5
Zoology	1		1		1	3
Pharmaceutical Sciences	1	2	6	1	6	16
Clinical Pharmacy			1		1	2
Pharmaceutical and Medicinal Chemistry			1		1	2
Pharmaceutics and Pharmaceutical			2		2	4

Microbiology						
Pharmacognosy and Drug Development		1	1		1	3
Pharmacology and Therapeutics		1	1	1	1	4
Physical Sciences	7	8	24	1	20	60
Chemistry	1	2	7		5	15
Computer Science	1	1	1		1	4
Geography & Environmental Management	1	3	9	1	5	19
Geology	1	1	1		2	5
Mathematics	1		1		1	3
Physics	1		4		4	9
Statistics	1	1	1		2	5
Social Science	4	2	9	2	3	20
Mass Communication	1	1	3		1	6
Political Science	2	1	4	2	1	10
Sociology	1		2		1	4
Veterinary Medicine	1		22	2	25	50
Theriogenology and Production			1		1	2
Veterinary Anatomy			1		1	2

Veterinary Medicine	1		3		3	7
Veterinary Microbiology			1		2	3
Veterinary Parasitology and Entomology			3		3	6
Veterinary Pathology			1		1	2
Veterinary Pharmacology and Toxicology			2		3	5
Veterinary Physiology			1	1	2	4
Veterinary Public Health and Preventive Medicine			2		1	3
Veterinary Surgery and Radiology			7	1	8	16
Grand Total	89	50	202	23	157	521

4.3 Undergraduate Admission Requirement

Admission into Ahmadu Bello University would be open to all, irrespective of race, belief or political leaning. Candidate seeking for admission must possess the necessary requirements as stated hereunder

i. 4, 5 and 6-Year Degree Programme:

Admission into the above degree programmes is done through the U.T.M.E. with a minimum of 5 credits from recognized examination bodies (SSCE, NECO, NABTEB, WAEC etc) at the senior school certificate (SSC) Level in relevant subjects which must include English Language and Mathematics.

ii. 3-Year Degree Programme:

Admission into the three – year degree programme is done through JAMB Direct Entry with pass in at least two relevant subjects from recognized examination bodies (IJMB, GCE, NCE or Diploma passed at credit Level), in addition to meeting the O'Level credit requirement.

iii. 2-Year Degree Programme:

Admission into the two – year degree programme is done through Special Admission for candidates who hold HND from recognized Institutions, in addition to meeting the O'Level credit requirements.

4.4 Graduation Requirement (UG)

A total of 120 - 180 credit units are required to graduate for those admitted into 100 Level or for the 4, 5 and 6-year programme and 90 - 160 credit units for those admitted into 200 Level or for the 3/4-year programme and 60 credit units for those admitted into 300 Level or for the 2-year programme. These credit units are made up of cognate, elective, project, SIWES and General Studies (GENS) courses.

4.5 Postgraduate Admission Requirement

An applicant for Postgraduate studies must have met the normal undergraduate requirements of at least five relevant O' Level credits or a combination of relevant O' Level credits and A 'Level qualifications (in a maximum of 2 sittings) such as IJMB, HND, HSC, NCE, etc. In all cases, these must include a credit in O' Level English Language and Mathematics (where required).

i. Postgraduate Diploma (PGD):

An applicant for the Postgraduate Diploma must be a holder of third class degree from Ahmadu Bello University or any other recognized University or H.N.D in the relevant areas, in addition to meeting the O' Level credit requirement.

ii. Master:

An applicant for the Master degree must be a holder of First or Second class degree from Ahmadu Bello University or any other recognized University in relevant areas. Note: A holder of HND (minimum of an Upper Credit) or equivalent is ordinarily not qualified for Master Admission except where he/she has acquired an additional qualification such as a PGD in the same or related field.

iii. Ph.D:

Ph.D applicants must hold a Master degree with a research thesis component (not project) from Ahmadu Bello University or any other recognized University in relevant areas.

Note:

- a. Candidates with a CGPA score of less than 3.5 are not eligible for Ph.D admission.
- b. Where a Ph.D applicant is judged to be deficient has a professional Master degree or Master without a Thesis component, he/she maybe considered for an M.Phil.
- c. Applicants who earn a minimum CGPA of a 3.5 at the end of the M.Phil. programme shall be upgraded to proceed with the relevant PhD study.
- d. Applicants for Ph.D programmes are expected to liaise with the relevant departments/programmes prior to selection of their proposed research areas to ascertain the department's capability to host their proposed study.
- e. Where a Master or Ph.D student is unable to complete his/her study within the stipulated time, such a student shall be awarded the relevant PGD or M.Phil. respectively (where applicable).

- f. Transcript: Candidates should request their former Universities or Institutions, to send their academic transcripts to the Secretary, School of Postgraduate Studies, ABU Zaria prior to confirmation of their admission by the Senate.

4.6 Graduation Requirement (PG)

Not all the Postgraduate programmes are offered as Part-Time and Full-Time. However, Postgraduate Diploma programme runs for 18 months and the total credit units required to graduate for PGD programmes are 18. A total of 36 credit units are required for master degree programme which runs for a minimum of 24 months. For Doctoral degree programme a total of 56 credit units are required to graduate while the programme runs for 36 months.

4.7 Programme Evaluation

A one credit unit of lecture is allocated one contact hour per week. All the courses shall be assessed continuously and at specific times as determined by the Departments.

Table. 3 Specific Faculty/Department Admission Requirements for Undergraduate Programmes

S/No	Faculty/Department	Requirement		UME Subjects
		Direct Entry Candidates	UME Candidates	
1	Administration			
	Local Government and Development Studies	1) Two A' Level / IJMB passes One of which must include Government or History. 2) A Merit Pass in ABU Diploma in Local Government or Public Administration.	Five O' Level Credits including English Language, Government or History, Economics and any other two subjects. At least a pass in Mathematics.	Use of English, Government/ History, Economics and any other subject.
	Public Administration	1) Two A' Level/IJMB passes one of which must include Government/History.	Five O' Level Credits including English Language, Government or History, Economics,	Use of English, Government/History, Economics and any other subject.

		2) A Merit Grade in ABU Diploma in Public Administration or Local Government.	Mathematics and any one Management or Social Science Subject.	
2	Agriculture	1) Two A' Level / IJMB Passes in Chemistry and Biology or Botany or Zoology.	Five O' Level Credits including English Language, Mathematics, Chemistry, Physics, Biology or Agricultural Science.	Use of English, Chemistry, Mathematics, Biology or Agricultural Science.
		2) HND in Agriculture or related field of study with a minimum of Credit pass.		
		3) OND in Agriculture or related field of study with a minimum of Upper Credit.		
3	Arts			
	English Language	Two A' Level passes including English at IJMB/ NCE, or a minimum of	Five O' Level Credits to include Literature-in-English , English	Use of English, one Arts subject and two other Arts or Social

		Merit in Diploma.	Language, and any other Arts or Social Science subjects	Science subjects.
		Candidates with Diploma must also possess pass in Literature-in-English.		
		General English/Use of English at NCE satisfies' O' Level English requirement.		
	English Literature	Two A' Level papers including English at IJMB/ NCE, or a minimum of Merit at Diploma.	Five O' Level Credits to include Literature in English and English Language,	Use of English, one Arts subject and two other Arts or Social Science subjects.
		Candidates with Diploma must also possess pass in Literature-in-English.		
		General English/Use of English at NCE satisfies' O' Level English requirement.		

	Theatre and Performing Arts Arts.	Two A' Level papers in English, Performing Arts, Journalism, Mass Communication, Creative Arts, Music and Dance, Literature in English, or any Nigerian Language at IJMB/ NCE, or a minimum of Merit at Diploma. Candidates with Diploma must also possess pass in Literature-in-English.	Five O' Level Credits to include Literature-in-English and English Language, and any other Arts or Social Science subjects.	Use of English, Literature in English and two other relevant subjects
		General English/Use of English at NCE satisfies' O' Level English requirement.		
	Archaeology	Two A' Level papers in Science/Arts/Social Science at IJMB/ NCE, or a minimum of Merit in Diploma from a recognized institution.	Five O' Level Credits which must include English Language ,and other Science/Arts/Social Science subjects.	Use of English, History or Government and two other subjects from Arts/Social Sciences OR any three Science

	Archaeology / History	<p>General English/Use of English at NCE satisfies' O' Level English requirement.</p> <p>Two A' Level papers in Science/Arts/Social Science at IJMB/NCE, or a minimum of Merit in Diploma from a recognized institution.</p> <p>General English/Use of English at NCE satisfies' O' Level English requirement.</p>		subjects.
	French	Two A' Level papers including French at IJMB/NCE, or a minimum of Merit at Diploma in French or with other Arts/Social science subjects.	Five O' Level Credits to include English Language and French plus any other Arts or Social Sciences subjects.	Use of English, French and any other two subjects from Arts or Social Sciences.

		General English/Use of English at NCE satisfies' O' Level English requirement.		
	History	Two A' Level papers including History at IJMB or NCE.	Five O' Level Credits to include English Language, History or Government	Use of English, History or Government and any other two Arts or Social Science subjects.
		General English/Use of English at NCE satisfies' O' Level English requirement.		
	Arabic	Two A' Level papers including Arabic at IJMB/ NCE, or a minimum of Merit at Diploma in Arabic or with other subjects.	Five relevant Credits including English and Arabic in SAISCE, SSCE, NABTEB, HIS, GCE O-Level ,TC II, (Merit) or equivalent obtained at not more than two sittings.	Use of English, Arabic and any other two Arts or Social Sciences subjects.
		General English/Use of English at NCE satisfies' O' Level English requirement.		

	Hausa	Two A' Level papers including Hausa at IJMB/ NCE, or a minimum of Merit at Diploma in Hausa or with other subjects.	Five O' Level Credit including English Language and Hausa and any other two Arts subjects.	Use of English, Hausa and any other two Arts/social science subjects.
		General English/Use of English at NCE satisfies' O' Level English requirement.		
4	Business School			
	Accounting	1. Two A' Level/IJMB Passes in Management/Social Science Subjects one of which must be Economics.	Five O' Level Credits including English Language, Economics Mathematics and any other two (2) relevant subjects.	Use of English, Economics, Mathematics and any Management or Social Science subject.
		2. A Credit/Merit Pass in ABU Diploma in Accounting, Banking, Islamic Banking or Insurance.		

	Business Administration	Two A' Level / IJMB passes in Management/Social Science Subjects one of which must be Economics.	Five O' Level Credits including English Language, Economics, Mathematics and any other two (2) Subjects.	Use of English, Economics, Mathematics and any Management or Social Science Subject.
		A Credit/Merit in ABU Diploma in Insurance, Management, Banking or Accounting		
	Insurance	Two A' Level / IJMB passes in Management/Social Science Subjects one of which must be Economics.	Five O' Level Credits including English Language, Economics, Mathematics and any other two (2) Subjects.	Use of English, Economics, mathematics and any Management or Social Science Subject.
		A credit/Merit in ABU Diploma in Insurance, Management, Banking or Accounting		

	Economics	Two A' Level /IJMB passes one of which must be Economics.	Five O' Level Credits including English Language, Mathematics and Economics plus any other two Arts or Social Science subjects.	Use of English, Economics, Mathematics and any other Arts or Social Science subject.
5 -8.	College of Medical Sciences			
	MBBS	A' Level/IJMB Passes in three subjects in Physics, Chemistry and Biology or Zoology.	Five O' Level Credits in English Language, Mathematics, Physics, Chemistry and Biology.	Use of English, Physics, Chemistry and biology
	Human Physiology	A' Level/IJMB Passes in three subjects in Physics, Chemistry and Biology or Zoology.	Five O' Level Credits in English Language, Mathematics, Physics, Chemistry and Biology.	Use of English, Physics, Chemistry and biology
	Human Anatomy	A' Level/IJMB Passes in three subjects in Physics, Chemistry and Biology or Zoology.	Five O' Level Credits in English Language, Mathematics, Physics, Chemistry and Biology.	Use of English, Physics ,Chemistry and biology

	Nursing Sciences	<p>1) A' Level/IJMB Passes in three subjects in Physics, Chemistry and Biology or Zoology.</p> <p>2) Registered Nurse (RN) certificate with at least 5 Credits in English Language, Mathematics, Biology, Physics and Chemistry.</p>	Five O' Level Credits in English Language, Mathematics, Physics, Chemistry and Biology.	Use of English, Physics, Chemistry and biology
	Medical Radiography	Candidates for direct entry must possess: IJMB or equivalent in Biology (or Zoology), Chemistry and Physics; or ND X-ray Technician plus five credits at O' Levels.	Candidates must possess the secondary school certificate Examination (SSCE); West African Examination Council (WAEC) / National Examination Council (NECO)/ National Business and Technical Examination Board (NABTEB) with minimum of 5 credits to include English Language, Biology, Chemistry, Mathematics and Physics in not more than two sittings. This is in addition to	Use of English, Physics ,Chemistry and biology

			obtaining the appropriate points in UTME or passing the one-year science Remedial program of the School of Basic and Remedial Studies, Ahmadu Bello University, Zaria (SBRS-ABU).	
	Dental Surgery	<p>1 Passed the three (3) subjects – Physics, Chemistry and Zoology or Biology at the advanced Level (A/L) of the General Certificate of Education or the Higher School Certificate (HSC) at not more than two (2) consecutive sittings, or holds approved equivalent qualification to pursue a five (5) year course.</p> <p>2. Satisfy any other requirements as may be prescribed from time to</p>	To be admitted to the B.D.S. Course, the candidate must satisfy the minimum entry requirements of the Ahmadu Bello University Zaria. In addition, candidate must have a Credit in English, Mathematics, Physics, Chemistry and Biology.	Use of English, Physics ,Chemistry and biology

		time by the Ahmadu Bello University.		
	Medical Laboratory Sciences	Candidates for direct entry must possess: IJMB or equivalent in Biology (or Zoology), Chemistry and Physics; or ND in Medical Laboratory science (MLT) and duly registered with the Medical Laboratory Science Council of Nigeria (MLSCN); or HND in Science Laboratory Technology (SLT) with Upper Credit and duly registered with Nigerian Institute of Science and Technology (NIST).	Candidates must possess the secondary school certificate Examination (SSCE); West African Examination Council (WAEC) / National Examination Council (NECO)/ National Business and Technical Examination Board (NABTEB) with minimum of 5 credits to include English Language, Biology, Chemistry, Mathematics and Physics in not more than two sittings. This is in addition to obtaining the appropriate points in UTME or passing the one-year science Remedial program of the School of Basic and Remedial Studies, Ahmadu Bello University, Zaria (SBRS-ABU).	Use of English, Physics ,Chemistry and biology

9	Education			
	Christian Religious Studies	1) NCE with a minimum of 'C' grade in Education and CRS	Five O' Level Credit which must include English Language and CRS.	Use of English, CRS and any other two arts or social science subjects.
		2) NCE with a minimum of 'D' grade in the second teaching subject.		
		3) ABU Diploma in CRS with a minimum of Merit pass		
	Islamic Religious Studies	1) NCE with a minimum of 'C' grade in Islamic Studies and Education	Five O' Level Credits which must include English Language and Islamic Studies.	Use of English, Islamic Studies and any other two arts or social science subjects.
		2) IJMB with a minimum of 'C' grade in Islamic Studies and 'D' grade in the other two subjects.		

		3) ABU Diploma in Islamic Studies with a minimum of Merit Pass.		
		4) ND in Islamic Studies from any recognised University with a minimum of Lower Credit.		
	Mathematics Education	1) NCE with a minimum of C' grade in Education and Mathematics	Five O' Level credits which must include English Language and Mathematics.	Use of English, Mathematics and any other 2 science subjects.
		2) IJMB with a minimum of D' grade in Mathematics and minimum of E' grade in the two other subjects.		
		3) ND with a minimum of Merit Pass		

		in Mathematics.		
		4) ABU Higher Diploma with a minimum of Merit Pass in Mathematics Education.		
	Chemistry Education	1) NCE with 'C' grade in Education and Chemistry.	Five O' Level Credits which must include English Language, Mathematics, Chemistry and Biology, plus Physics/Geography. TC II with Credit pass in Integrated Science, English Language and any other three subjects.	Use of English, Chemistry and any other 2 science subjects.
		2) IJMB or A' Level with a minimum of 'C' grade in Chemistry and a minimum of 'D' grade in one other Science subject from Biology, Physics, Geography.		
		3) ABU Diploma in Chemistry Education with Merit pass.		

	Geography Education	1) NCE with minimum of 'C' grade in Education and Geography	Five O' Level Credit in Geography, Mathematics, English Language and any other one from Chemistry, Physics or Biology. TC II Credit pass in Mathematics, Geography, English Language and any other three subjects.	Use of English, Geography and any other 2-science subjects.
		2) IJMB or A' Level passes with a minimum of 'C' grade in Geography and 'D' in one other Science subjects.		
		3) ABU Diploma in Geography Education with a minimum of Merit pass.		
	Biology Education	1) NCE with 'C' grade in Education and Biology.	Five O' Level Credit in Biology, Mathematics, English Language and	Use of English, Biology and any other 2 science subjects.

		2) IJMB or A' Level passes with 'C' grade in Biology and 'D' in one other Science subjects from Chemistry, Physics, Integrated Science or Geography.	Chemistry and any other from Physics or Geography. TC II Credit pass in English Language, Integrated Science and any other three subjects.	
		3) ABU Diploma in Biology Education with a minimum of Merit pass.		
	Integrated Science	1) NCE with 'C' grade in Education and Integrated Science.	Five O' Level Credits in English language, Mathematics, Physics Chemistry and Biology. TC II Credit pass in English Language, Mathematics, Integrated Science, and any other two subjects from the following: Chemistry,	Use of English, Biology, Physics and Chemistry.
		2) IJMB or A' Level pass with a minimum of 'C' grade (merit) in Physics and 'D' grade in any other Science subjects		

		3) ABU Diploma in Integrated Science or Physics Education with a minimum of Merit pass.	Biology, Geography.	
	human Kinetics and Health Education	1) NCE with 'C' grade in Education and Physics.	Five O' Level Credit in Physics, Mathematics, English Language and Chemistry and any other from Biology or Geography. TC II Credit pass in English Language, Integrated Science and any other three subjects.	Use of English, Physics and any other 2 science subjects.
		2) IJMB or A' Level passes with 'C' grade in Physics and 'D' in one other Science subjects from Chemistry, Biology, Integrated Science or Geography.		
		3) ABU Diploma in Physics Education with a minimum of Merit pass.		

Home Economics	1) ABU Diploma in Home Economics with a minimum of Upper Credit.	Five O' Level Credits including Mathematics/English Language/Home Economics, Biology, Geography, Physics/Chemistry.	Use of English, Home Economics/Food and Nutrition/Home Management/Textile and Clothing and any other 2 science subjects.
	2) NCE merit in Home Economics and Education.	Old Grade II Five Passes including Arithmetic/English/Domestic Science. New Grade II Teachers Certificate with Five Credits including English, Mathematics, Home Economics.	
	3) ABU Higher National Diploma with Lower Credit in Home Economics.	NB:Note one Home Economics subject is required i.e Foods and Nutrition or Home Management or Textile and Clothing.	

	Agricultural Education	NCE Agric Education (Double Major) with Merit Pass.	Five O' Level Credit including Chemistry and Biology or Agric Science, Integrated Science/General Science, Geography.	Use of English, Chemistry, Biology, Agric. Science or Physics.
	Business Education	1) NCE Minimum of Merit pass in Business Education 2) Two Credits at IJMB in either Economics, Business Management, Accounting etc. 3) ABU Diploma with Upper Credit in related discipline. Note: Except for NCE with minimum of Merit pass in Business Education, others are to be admitted into	Five O' Level Credits including English Language and any four from the following: Accounting Economics, Commerce, Business Methods, Shorthand and Typewriting with at least a Credit in Mathematics.	Use of English and Mathematics plus any two commercial subjects.

		100 Level,		
	Library and Information Science	1) A' Level / IJMB passes in at least two subjects. 2) ABU Diploma in Library & Information Science (with at least Merit Grade). 3) 3) NCE with minimum of Merit Grade in two subjects.	Five O' Level Credits including English Language & at least a pass in Mathematics. OR TC_II Certificate with Credit/Merit in at least five subjects including English Language and at least a pass in Mathematics.	Use of English and any other three subjects.
	Hausa Education	1) IJMB with a minimum of 'C' grade in Hausa and 'D' grade in the other two subjects. 2) ABU Diploma in Hausa with minimum of Merit pass.	Five O' Level Credits including English Language and Hausa.	Use of English, Hausa and any other 2 arts or social science subjects.

		3) NCE with minimum of "C" grade in Hausa Education.		
	Arabic Education	1) A' Level pass/IJMB in at least two subjects which must include Arabic. 2) ABU Diploma in Arabic and Islamic Studies with minimum of Merit pass. 3) NCE with minimum of "C" grade in Arabic Education. 4) Diploma in Arabic Education from any recognised University with minimum of Lower Credit	Five O' Level Credits including English Language and Arabic	Use of English, Arabic and any other 2 arts or social science subjects.

	Social Studies Education	1) IJMB with a minimum of 'C' in any two social science subjects and 'D' in anyone.	Five O' Level Credits including English Language and Social Science subjects.	Use of English and any 3 Arts or Social Science subjects.
		2) NCE with minimum of "C" grade in Social Studies and Education.		
	Human Kinetics and Health Education	1) NCE pass in two major subjects of any other combination with P.E. or H.E. or P.H.E.	Five O' Level Credits in English Language, Mathematics and any one Science subject from Biology and Chemistry.	Use of English, Biology, Physical Education/Health Education and any other 2 subjects.
		2) Two A' Level pass in science subjects; Chemistry Physics, Biology and Mathematics.		
		3) ABU Diploma with merit pass in P.H.E.		

	Guidance and Counselling	1) Merit pass in Higher / Ordinary Diploma in Guidance and Counselling from ABU.	Five O' Level Credit in Arts & Social Sciences including English Language with a credit in Mathematics.	Use of English and any 3 Arts, Social Science or Science subjects.
		2) NCE with Merit and above in Education and the Teaching Subjects.		
	Computer Science Education	1) Merit Pass in Higher Diploma and Diploma in Computer, Statistic or Mathematics Education.	Five O' Credits which must include Mathematics, English Language and any other three Science Subjects.	Use of English, Mathematics, and any two science subjects.
		2) NCE with Merit in Education and Computer Science.		

10	Engineering			
	Agricultural Engineering	1) Two A' Level / IJMB Pass in Mathematics, and Physics or Chemistry. 2) ND Upper Credit or Distinction in Agricultural Engineering from accredited institution. 3) HND Lower Credit in Agricultural Engineering from accredited institution.	Five O' Level Credits pass in English Language, Mathematics, Physics, Chemistry and any other Science subject.	Use of English, Mathematics, Physics and Chemistry.
	Chemical Engineering	1) Two A' Level /IJMB Pass in Mathematics, Chemistry or Physics. 2) ND Upper Credit in Chemical Engineering from accredited	Five O' Level Credit in English Language, Mathematics, Physics, Chemistry and any other Science subject.	Use of English, Mathematics, Physics and Chemistry.

		institution.		
		3) HND Lower Credit in Chemical Engineering from accredited institution.		
	Civil Engineering	1) Two A' Level/IJMB Passes which must include Mathematics Chemistry or Physics.	Five O' Level Credits in English Language, Mathematics, Physics, Chemistry and any other Science subject.	Use of English, Physics, Chemistry and Mathematics
		2) ND in Civil Eng. at Upper Credit from accredited institution		
		3) 3) HND in Civil Eng. with at least Lower Credit from accredited institution		

	Electrical Engineering	1) Two A Level/IJMB pass which must include Physics and Mathematics.	Five O' Level Credits in English, Mathematics, Physics, Chemistry and any other science subject.	Use of English, Mathematics, Physics and Chemistry
		2) ND or equivalent in Electrical Eng. or relevant field, with minimum of Upper Credit from accredited institution.		
		3) HND with at least Lower Credit in Electrical Engineering from accredited institution.		
	Computer Engineering	1) Two A Level/IJMB passes which must include Physics and Mathematics.	Five O' Level Credits in English, Mathematics, Physics, Chemistry and any other science subject.	Use of English, Mathematics, Physics and Chemistry

		2) ND or equivalent in Computer Engineering or relevant field, with minimum of Upper Credit from accredited institution.		
		3) HND with at least Lower Credit in Computer Engineering from accredited institution.		
	Communication Engineering	1) Two A Level/IJMB passes which must include Physics and Mathematics.	Five O' Level Credits in English, Mathematics, Physics, Chemistry and any other science subject.	Use of English, Mathematics, Physics and Chemistry
		2) ND or equivalent in Communication Engineering or relevant field, with minimum of Upper Credit from accredited institution.		

		3) HND with at least Lower Credit in Communication Engineering from accredited institution.		
	Mechanical Engineering	1) Two A' Level /IJMB Passes in Physics, Mathematics and Chemistry	Five O' Level Credits in English Language, Mathematics, Physics, Chemistry and any other Science subject.	Use of English, Mathematics, Physics and Chemistry
		2) ND in Mechanical Engineering with minimum of Upper Credit aggregate.		
		3) HND with at least Lower Credit in Mechanical Engineering from accredited institution.		

	Metallurgical Engineering	1) A' Level/ IJMB passes in Chemistry, Physics and Mathematics.	Five O' Level Credits in English Language, Mathematics, Physics, Chemistry and any other Science subject.	Use of English, Mathematics, Physics and Chemistry
	Water Resources and Environmental Engineering	1) GCE A' Level or IJMB passes in Mathematics, Chemistry and Physics.	Five O' Level Credits in English Language, Mathematics, Chemistry, Physics, and any other science subject.	Use of English, Mathematics, Chemistry and Physics.
		2) ND with Upper credit in Water Resources or Civil Engineering from accredited institution.		
		3) HND with at least Lower Credit Level in Water Resources or Civil Engineering from accredited institution.		

11	Environmental Design			
	Architecture	1) A' Level/ IJMB passes which must include Physics and Mathematics.	Five O' Level Credits including English Language, Physics and Mathematics, plus any two of, Geography, Fine Art, Technical Drawing, Wood/Metal Work.	Use of English, Physics and Mathematics plus Geography.
		2) HND in Architecture with Lower Credit an above from accredited institution.		
	Building	1) A' Level/ IJMB passes in Mathematics and Physics plus any one of Chemistry, Biology, Economics, Geography and Fine Art.	Five O' Level Credits in English Language, Mathematics and Physics plus any two of the following: Chemistry, Biology, Fine Art or Technical Drawing, Economics and Further Mathematics.	Use of English, Mathematics, Physics plus any one of the following subjects: Chemistry, Geography, Economics, Biology and Technical Drawing
		2) ND in Building with Upper Credit from accredited institution.		

		3) HND in Building with Upper Credit from accredited institution.		
	Fine Art	1) A' Level / IJMB passes in Fine Art and one other subject.	Five O' Level Credits two of which must include English Language and Fine Art.	Use of English, Fine Art and any two other subjects.
		2) NCE with at least Merit pass in Fine Art.		
		3) HND in Fine Art, Theatre Arts or related field at Lower Credit pass.		
	Geomatics	1) IJMB with minimum of 10 points in Mathematics, Physics, Chemistry, or Geography.	Five O' Level Credits in English Language, Mathematics, Physics, Chemistry or Geography and any other Science subject.	Use of English, Mathematics, Physics and Chemistry or Geography.

		<p>2) A' Level passes with minimum of C' in at least two subjects which must include Mathematics, Physics and Chemistry or Geography.</p>		
		<p>3) ND at Upper Credit or Distinction in Land Surveying /Geomatics, Geoinformatics, Civil Engineering, Physics/Mathematics, Building.</p>		
		<p>4) HND at Lower Credit in Land Surveying /Geomatics, Civil engineering.</p>		
	Quantity Surveying	<p>1) A' Level/ IJMB passes in Mathematics and Physics.</p>	<p>Five O' Level Credits in English Language, Mathematics, Physics plus any</p>	<p>Use of English , Mathematics, Physics and any of Chemistry,</p>

		2) ND at Upper Credit in Quantity Surveying or Engineering.	two of the following: Chemistry, Economics, Geography and Technical Drawing.	Economics, and Geography.
		3) HND at Lower Credit in Quantity Surveying from accredited institution.		
	Industrial Design B.A. Programme: (Ceramics, Graphics and Textiles).	1) Two A' Level/ IJMB passes in Fine Art and any other subject.	Five O' Level Credits which must include English Language, Fine Art and any 3 subjects.	Use of English, Fine Art and any two subjects.
		2) NCE pass at Merit Level which must include Fine Art or Technical Drawing.		
		3) ABU Diploma in Industrial Design at Merit Level.		

		<p>4) ND at Upper Credit Level in Industrial Design or Fine Art or in related fields from accredited institution.</p> <p>5) HND at Lower Credit Level in Industrial Design or Fine Art or in related fields from accredited institution.</p> <p>6) HND at Lower Credit in Textile, Clothing and Fashion.</p>		
	<p>Glass Technology <u>B.Sc. Programme:</u></p>	<p>1) A' Level / IJMB pass in Chemistry, Physics and Mathematics</p> <p>2) ABU, Diploma in Glass Technology pass at Merit level.</p>	<p>Five O' Level Credits in English Language, Chemistry, Physics, Mathematics and any other subject.</p>	<p>Use of English and Chemistry, Physics or Mathematics and any other subject.</p>

		3) ND in Glass Technology pass at Credit Level. from accredited institution		
		4) NCE in Chemistry, pass at Credit level.		
		5) HND in Science, Materials Science and Engineering, or in Chemical Engineering at Credit level from accredited institution.		
	Urban and Regional Planning	1) A' Level /IJMB pass in Geography and one of the following: Economics, Mathematics.	Five O' Level Credits in English Language, Mathematics and Geography and any other two from Economics, Technical	Use of English, Mathematics, Geography with any other subject.

		2) ND at Upper Credit Level in Urban and Regional Planning or related Environmental Sciences from accredited institution.	Drawing, Fine Art, Chemistry and Biology.	
		3) HND in URP or related Environmental Sciences at Upper Credit to 300 level.		
12	Law			
	Civil Law	1. Two A' Level/IJMB passes in English Literature and other two Arts or Social Science subjects.	Five O' Level Credits which must include English Language and Literature in English.	Use of English, Literature in English and any other two Arts or Social Science subjects.
		2. ABU Diploma in Law with at least MERIT Grade.		

	Islamic Law	<p>1. Two A' Level/IJMB passes in IRK/Arabic and any other two Arts or Social Science subjects.</p> <p>2. ABU Diploma in Shari'ah and Civil Law with at least Merit Grade.</p> <p>3. ABU Diploma in Civil Law with at least Merit Grade.</p>	Five O' Level Credits which must include English Language and Arabic Language/Islamic Studies.	Use of English, IRK/Arabic and any other two Arts or Social Science subjects.
13	Life Sciences			
	Biologiy	Two A' Level /IJMB passes which must include Biology or Botany or Zoology and Chemistry in addition to O/L requirements.	Five O' Level Credits in English Language, Mathematics, Physics, Chemistry and Biology.	Use of English, Biology, Chemistry, and Physics

	Biochemistry	Two A' Level /IJMB passes in Chemistry and Biology in addition to O/L requirements.	Five O' Level Credits in English Language, Mathematics, Physics, Chemistry and Biology.	Use of English, Physics, Chemistry and Biology.
	Botany	Two A' Level /IJMB passes which must include Biology or Botany or Zoology and Chemistry in addition to O/L requirements.	Five O' Level Credits in English Language, Mathematics, Physics, Chemistry and Biology.	Use of English, Biology, Chemistry, and Physics.
	Microbiology	Two A' Level /IJMB passes in Chemistry and Biology in addition to O/L requirements.	Five O' Level Credits in English Language, Mathematics, Physics, Chemistry and Biology	Use of English, Physics, Chemistry and Biology.
	Zoology	Two A' Level /IJMB passes which must include Biology or Botany or Zoology and Chemistry in addition to O/L requirements.	Five O' Level Credits in English Language, Mathematics, Physics, Chemistry and Biology.	Use of English, Biology, Chemistry, and Physics

14	Pharmaceutical Sciences	A' Level/IJMB passes in Biology, Chemistry, and Physics.	Five O' Level Credits in English Language, Mathematics, Physics, Chemistry and Biology.	Use of English, Physics, Chemistry and biology
15	Physical Sciences			
	Chemistry	Two A' Level /IJMB passes in Chemistry and Mathematics or Physics in addition to O/L requirements.	Five O' Level Credits in English Language, Mathematics, Physics, Chemistry and Biology.	Use of English, Chemistry, Physics and Biology/Mathematics
	Geography and Environmental Management	Two A' Level/IJMB passes which must include Geography and any other science subject (Biology, Chemistry, Physics, Mathematics, Agricultural Science and Economics) in addition to O/L requirements.	Five O' Level Credits in English Language, Mathematics, Geography, Biology and any other Science subject.	Use of English, Geography, Biology and any other science subject (Chemistry, Physics, Mathematics, Agricultural Science and Economics).

	Physics	1) Two A' Level /IJMB passes which must include Physics, and Mathematics.	Five O' Level Credits in English Language, Mathematics, Physics and two other science subjects.	Use of English, Physics, Mathematics and Chemistry or Biology
		2) NCE Physics/Mathematics in addition to O/L requirements.		
		3) Diploma in Physics with Upper Credit in addition to O/L requirements.		
	Polymer and Textile Science	Two A' Level /IJMB passes in Chemistry and Mathematics or Physics in addition to O/L requirements.	Five O' Level Credits in English Language, Chemistry, Mathematics, Physics and any other science subject (Biology or Geography).	Use of English, Mathematics, Chemistry and any other science subject

	Geology	Two A' Level/IJMB passes in Geology and any other science subject (Chemistry, Physics, Mathematics, Biology and Geography) in addition to O/L requirements.	Five O' Level Credits in English Language, Mathematics, Physics, Chemistry and Biology.	Use of English, Mathematics, Physics, Chemistry or Biology
	Mathematics	1) A' Level/IJMB passes in Mathematics and any two of Chemistry, Physics, Biology, Geography and Geology.	Five O' Level Credits in English Language, Mathematics and three other subjects two of which must be sciences (Chemistry, Physics, Biology, and Geography).	Use of English, Mathematics and any two of Chemistry, Physics, Biology and Geography.
		2) NCE Mathematics and any of Chemistry, Physics, Biology, Geography, Geology and Computer Science.		
	Computer Science	1) A' Level/IJMB passes in Mathematics and any two of Chemistry, Physics, Biology, Geography and Geology.	Five O' Level Credits in English Language, Mathematics, Physics and two other subjects which must be	Use of English, Mathematics, Physics and any other subject from (Chemistry, Physics, Biology and

		2) NCE Mathematics/Computer Science and any of Chemistry, Physics, Biology, Geography and Geology.	sciences(Chemistry , Biology, and Geography).	Geography).
		1) Diploma in Mathematics/Computer Science with Upper Credit in addition to O/L requirements.		
	Statistics	1) A' Level/IJMB passes in Mathematics and any two of Chemistry, Physics, Biology, Geography and Geology.	Five O' Level Credits in English Language, Mathematics and three other subjects two of which must be sciences (Chemistry ,Physics Biology, and Geography).	Use of English, Mathematics and any two of Chemistry, Physics, Biology and Geography.
		2) NCE Mathematics/ Statistics with any of Chemistry, Physics, Biology, Geography and Geology.		

		3) Diploma in Mathematics/Statistics with Lower Credit in addition to O/L requirements.		
16	Social Sciences			
	Political Science	Two A' Level /IJMB passes which must include Government or History.	Five O' Level Credits including English Language, Government or History, Economics and any other two subjects with at least a pass in Mathematics.	Use of English, Government/History ,Economics and any other subject
	International Studies	Two A' Level /IJMB passes which must include Government or History.	Five O' Level Credits including English Language, Government or History, Economics, and preferably French or Arabic with at least a pass in Mathematics.	Use of English, Government/History ,Economics and any other subject preferably French or Arabic

	Sociology	Two A' Level /IJMB which must include either Sociology or Government/History, and any other subject.	Five O' Level Credits in English Language, Government or History, Economics, Geography, CRK/IRK or any other subject with at least a pass in Mathematics.	Use of English, Government/History and two other subjects
	Mass Communication	1) Two A' Level /IJMB passes which must include Government or History, Economics or any Nigerian Language. 2) Diploma in Journalism/Mass Communication at Merit Level from a recognized university.	Five O' Level Credits in English Language, Economics/Commerce, Government/History, Geography, CRK/IRK and any Nigerian Language, with at least a pass in Mathematics.	Use of English and any other three subjects.
	Mass Communication (Television Design, NTA College Jos)	1) Two A' Level /IJMB passes which must include Government or History, Economics or any Nigerian Language.	Five O' Level Credits in English Language, Economics/Commerce, Government/History, Geography, CRK/IRK and any	Use of English and any other three subjects.

		2) ABU, UNIJOS, UNIMAID, Diploma in Journalism / Mass Communication with a minimum of Merit	Nigerian Language, with at least a pass in Mathematics.	
	Mass Communication (Television Production, NTA College Jos)	1) Two A' Level /IJMB passes which must include Government or History, Economics or any Nigerian Language.	Five O' Level Credits in English Language, Economics/Commerce, Government/History, Geography, CRK/IRK and any Nigerian Language, with at least a pass in Mathematics.	Use of English and any other three subjects.
		2) ABU, UNIJOS, UNIMAID, Diploma in Journalism / Mass Communication with a minimum of Merit		
	Mass Communication (Television Journalism, NTA College Jos)	1) Two A' Level /IJMB passes which must include Government or History, Economics or any Nigerian Language.	Five O' Level Credits in English Language, Economics/Commerce, Government/History, Geography, CRK/IRK and any	Use of English and any other three subjects.

		2) ABU, UNIJOS, UNIMAID, Diploma in Journalism / Mass Communication with a minimum of Merit	Nigerian Language, with at least a pass in Mathematics.	
17	Veterinary Medicine	1) Three A' Level /IJMB passes in Biology/Zoology, Chemistry, Physics or Mathematics.	Five O' Level Credits in English Language, Mathematics, Physics, Chemistry and Biology.	Use of English, Physics, Chemistry and Biology
		2) HND in Animal Health and Husbandry or Animal Production at Upper Credit from accredited institution.		

4.8 Course Credit System and Other Academic Regulations

a. Course Credit System

In the 2013/2014 Academic Session, the National Universities Commission (NUC) reviewed the Pass Mark in the Undergraduate Programmes from 40% to 45%, and abolished the Pass Degree. Points system of grading, as opposed to the Letter Grade system Courses weighted in Credit Units according to the contact hours required to teach the course, e.g.

1 Credit Unit = 15 Contact Hours

2 Credit Units = 15 x 2 or 30 Contact Hours

3 Credit Units = 15 x 3 or 45 Contact Hours

For non-taught courses such as Projects, SIWES, Field Trips and Teaching Practice, the credit units may be as high as **6**.

b. Course Code

Courses are identified by Course Code which thus enable courses to be grouped into the 1st and 2nd Semesters. It has two components: letter code (upper case), which is derived from Department or Faculty offering the course while digits code indicate 'Level' and 'semester', e.g. COSC 101, ACCT 202, BLDG 303. etc. The first digit signifies Level, whereas the third digit specify the semester. The arrangement is such that the last odd digit stands for 1st semester and the even for 2nd semester.

c. Classification of Courses:

i. Core Courses

Compulsory/mandatory courses for all students in the programme. It can come from within or outside the Department/Faculty and must be passed by every student before graduation. Failure of a core course in an examination constitutes

a 'carry over', i.e. such courses are carried over to the corresponding semester of the next session(s) until passed.

The number of core courses per semester is influenced by factors such as:

- Registration ceiling of 24 credit units per semester
- Credit units of the individual core courses allowed in the particular semester
- Credit units for the entire electives for the semester (usually about 15 - 20% of the maximum credit load for the semester)
- The more the credit units of the courses, the less the number that may be accommodated.

ii. Prerequisite

This refers to a course that must be taken and passed prior to taking another precise course at the next Level of similar semesters.

iii. Concurrent:

A course that student must take with another particular course during a semester.

iv. General Studies:

These are a cluster of obligatory courses to be taken by all the students registered in the university irrespective of their programmes.

v. Electives

Courses generally classified as 'optional' can come from within or outside the Department/Faculty and are never 'carried over' if failed. It can be further classified into:

❖ Restricted electives:

- Taken from within the Department/Faculty.

❖ Unrestricted electives:

- Taken from any Department/Faculty in the University.

❖ **Cognate electives:**

➤ Like core courses, cognate electives must be taken by all students in the programme. Unlike core courses, they are never carried over. A student records a 'pass' in a Semester Examination if he/she passes all core courses, even if an elective or electives are failed.

d. Duration of Academic Programmes

Academic programmes are expected to be completed within the normal duration (excluding periods of deferment).

Normal duration (Years)	Maximum Duration (Years)
4	$4 + 2 = 6$
5	$5 + 2\frac{1}{2} = 8$
6	$6 + 3 = 9$

e. Evaluation of Student Performance:

The purpose of evaluating student's performance is to determine what has been achieved, identify strengths and weaknesses and to fulfill one of the University's main functions apart from teaching. It involves a critical assessment in Laboratory/Workshop/Studio/Field trip/Clinical/Exhibition, paper and oral tests, assignment and examination through Continuous Assessment and final Examination which carry 40% and 60% respectively. The final marks obtained are converted into Letter and Grade Point as shown below:

Marks Range (%)	Letter Grade	Grade Point
70 – 100	A	5
60 – 69	B	4
50 – 59	C	3
45 – 49	D	2

f. Cumulative Grade Point Average (CGPA):

In order to determine the performance of a student over time, his/her Cumulative Grade Point Average (CGPA) is used.

The CGPA is obtained by multiplying the Grade Point given to each range of numerical marks by the course credit and the product is added up to give the total weighted grade point. This total is divided by the total number of course credits taken (passed or failed). The CGPA shall be calculated to two decimal places.

Below is the formula for calculating the CGPA:

$$\frac{\sum_{i=1}^n GP_i}{\sum_{i=1}^n U_i}$$

Where:

n is the total number of course taken (passed or failed)

GP_i is the grade point scored in course 'i'

U_i is the total number of course credits (passed or failed)

g Classification of Degree:

With the pass degrees abolished by the National Universities Commission (NUC) effective with candidates admitted in the 2013/2014 academic session, to determine the class of degree a student earned at the end of the degree programme his/her total CGPA is used as below:

CGPA	Class of Degree
4.50 – 5.00	First Class
3.50 – 3.49	Second Class Upper
2.40 – 3.49	Second Class Lower
1.50 – 2.39	Third Class

h. Probation:

A student is placed on probation if his/her CGPA falls below 1.50 (for Classified degree) or below 2.40 (for unclassified degree) for 2 consecutive semesters.

i. Withdrawal:

A student will be asked to withdraw if he/she fails to come out of probation after 2 consecutive semesters, i.e. the next two semesters. Withdrawal from a programme can also be on the basis of failure to register, without permission, for FOUR consecutive semesters having exhausted the maximum residency period for the particular programme, conviction on a criminal matter or serious examination malpractice.

j. Course Load;

i. Student:

Full – time students shall register for a minimum of 24 credit units and a maximum of 48 credit units during each academic session except students on Industrial Attachment/Field Work/Teaching Practice. Student can only register less than the minimum or more than the maximum if he/she obtains permission from the Faculty Board (Senate). Yet, spill-over students shall be allowed to register for only the remaining credit units required for graduation.

ii. Staff:

A full – Time staff shall normally carry a minimum of 8 credit unit in a semester.

4.9 Academic Schedules:

Ahmadu Bello University, like all other Nigerian Universities, runs a semester system; a session shall consist of two semesters. A semester will last for 18 weeks i.e.:

2 weeks of registration

14 weeks of lectures

2 weeks of examinations.

4.9.1 External Examiner:

External Examiners shall be used in the final year of the undergraduate programme in order to:

- ✓ Review learning outcomes and assessment techniques for courses and programmes.
- ✓ Ensure academic standards and the quality of teaching, learning and assessment.
- ✓ Confirm that standards are comparable to universities internationally.
- ✓ Audit student feedback process for courses and programmes and actions arising
- ✓ Ensure fairness, validity and rigour of assessment at the Department.
- ✓ Review, moderate and where appropriate adjust grading
- ✓ Audit grades, distributions and samples of graded assessments
- ✓ Participate in practical, clinical or oral assessments of major projects
- ✓ Provide feedback on strengths/weakness witnessed and recommendations for change.

4.9.2 Inter- University Students Transfer:

Students can transfer from another University to Ahmadu Bello University, provided they meet the receiving Faculty/Department's requirement in terms of qualification, grade and the minimum duration of stay to earn the University's degree.

CHAPTER FIVE

RESEARCH POLICY

5.1 Research hub

Research is a major policy thrust in Ahmadu Bello University, in view of its significant role in the advancement of knowledge and enhancement of the quality of teaching amongst academics. Thus, the University has an active and functional Board of Research with the sum of N84, 913,330:63 to fund various categories of research activities. These include individual, group and departmental research projects.

So far, some 40 academics Staff have benefited from this support across the complexes as follow:

S/No	Complex	No. of Beneficiaries
1.	Administration/Law	5
2.	Life sciences	17
3.	Humanities	6
4.	Physical sciences	12

The exercise is on going, with the hope that more staff will benefit from it. Results of these researches are expected to be formally presented to the University community in due course.

Besides, some Faculties and Departments are equally collaborating with various institutions/organizations to conduct research in some important areas of our life.

The University has also committed some reasonable amount from the MacArthur Foundation Grant to support research activities by the academics. Towards this end, a total of 128 staff have so far benefited from this support for training; out of which 35 awards were for Master and 93 for Ph.D under the Dissertation Completion Grant, while 37 awards were for the Post-Doctoral group. The Post

Doctoral awards were mainly in the areas of field research, book publication, conference attendance and residency overseas.

It is also worthy to mention that the University has been very active in the Federal Government-World Bank Step 'B' Research Projects. During the first phase of the exercise, the University presented 19 Project Proposals from which 4 were successfully approved and earmarked for funding. Ahmadu Bello University was actually in the lead with the highest number of approved projects for funding to the tune of \$950,000:00 i.e (N125, 352,000:00). The approved project proposals are in the following areas:

- 1 Foundation and nutritional evaluation of complementary foods from locally available foodstuffs in Northern Nigeria.
- 2 Development of DNA vaccines against typonosomiasis.
- 3 Diarrhoeal agents and nutritional status of children in North - Western Nigeria.
- 4 New learning pedagogies in engineering process Transport phenomena implemented while using hands - on Desktop units.

It is equally pertinent to state here that the University also submitted 5 proposals under the INNOVATORS OF TOMORROW AWARD of the Step 'B' Project. 2 proposals have been approved for funding to the tune of N53,024,800:00. The approved proposals are in two trenches as follows:

Proposal	Amount Released	Utilization	
		Ph.D	Master
First	N 4,000,000:00	1	1
Second	N49,000,000:00	45	10
Total	N53,024,800:00	46	11

CHAPTER SIX

ACADEMIC SUPPORT UNITS

6.0 INTRODUCTION

The University has various academic support units that assist the Faculties and Departments in various Academic activities. The following are various academic support units of the University.

6.1 BACKGROUND INFORMATION OF ABU SCHOOL OF BASIC AND REMEDIAL STUDIES FUNTUA

The Ahmadu Bello University, School of Basic and Remedial Studies, Funtua (ABU/SBRS) was established in 2002, under statute 20 of A.B.U. laws, to retrain students from the Northern States in the basic sciences using up-to-date teaching and laboratory facilities in order to create a pool of qualified students for admission into degree programmes in ABU in the first instance and other Universities in Nigeria and beyond. The establishment of the School was therefore motivated by the pressing need to address the decline in the number and quality of students from the Northern States who sit for Secondary School Certificate (SSCE) and JAMB/UME examinations and to halt high attrition rate from the sciences to the arts in the University itself. The SBRS was also created in response to the decision of the Federal Executive Council of 9th March, 2000 that Remedial Studies could be established in Tertiary institutions, especially in educationally less developed states in the federation. In its effort to secure the advancement and diffusion of knowledge in Nigeria and beyond, ABU collaborated with all the Governments of the Northern States to establish the School as a self-funding pre-degree training institution so that the following objectives can be achieved:

- i. Increase the number of qualified students in Basic and Applied Sciences

- from the North,
- ii. ensure that the students are well trained to meet the requirements of University education so that when eventually admitted into degree programmes they will not be withdrawn on grounds of poor academic performance, and
- iii. re-train students from its catchment areas of the North to become well-grounded for university education by providing enabling environment very conducive for learning.

Consequent upon the adoption of the SBRS by the all Northern Governors meeting, a **₦15m** contribution from each State was approved for the project and the realization of the noble idea was entrusted to the then Governor of Katsina State, late Alhaji Umaru Musa YarAdua. He not only accepted the trust but also executed it with the highest degree of dedication and enthusiasm. In order to accelerate the take-off of the School, the Katsina State Government graciously donated, rehabilitated and expanded facilities in its College of Administration, Funtua so that the SBRS is put on solid foundation. So far the Funtua community has been an excellent host and the location of the School in this historic town has isolated the students from tempting situations that can divert their attention from their intensive training.

Academic activities in the SBRS commenced in 2001/2002 session with 23 teaching staff, 5 non-teaching staff and about 1,000 students in the remedial programme. These pioneer students received one year intensive training, wrote their final examinations and their performance was highly inspiring as over 65% success was recorded. In the 2002/2003 session over 16,500 applications for admission were received out of which about 1,620 students were admitted. Unlike in the previous year, admission for the 2002/2003 session included students for the basic programme who wrote IJMB examinations.

Since then, the School continues to record increases in students' enrollment as well as high academic performance. It has over the years trained well over 12,000 students most of whom got admission into degree programmes in ABU and other Universities in Nigeria. Because of the quality of training imparted to the students, products of SBRS have been excelling with higher classes of degrees at graduation. They have also been excelling in other examinations such as IJMB, JAMB, Post UME, SSCE, NECO, etc.

6.1.1 STATUTES OF THE SCHOOL

S/N	Statutes
1	There shall be within the University a School of Basic and Remedial Studies (SBRS)
2	The functions of SBRS shall be to provide courses on basic and remedial studies in the Sciences and such other course as the Senate may designate from time to time and to prepare students for entry into the University.
3	Subject to the general control of the Council and the Senate, the Board shall prescribe from time to time the criteria and requirements for admission into the School
4	There shall be a Director for the School who shall be appointed by the Vice Chancellor and be responsible to Vice Chancellor
5	The Director shall be appointed for a term of two years and eligible for re-appointment for a final term of two years
6	The Vice Chancellor may, for good cause, remove the Director or Deputy Director from office before the expiration of his tenure
7	The School shall be funded from contributions by the contributing states. These contributing states are Adamawa, Bauchi, Benue, Borno, Gombe, Jigawa, Kaduna, Kano, Katsina, Kebbi, Kogi, Kwara, Nassarawa, Niger, Plateau, Sokoto, Taraba, Yobe, Zamfara and FCT.
8	The contributing states Governments shall assist in the formulation of policies for the School
9	Admissions and recruitments of the School shall reflect the composition of the contributing states
10	The revenue of the School shall consist of annual grants from Governments of the Northern States, allocation from Ahmadu Bello University, School fees, Payment for services rendered, donations and endowments
11	<p>There shall be a Board of Governors for the School, which shall consist of:</p> <p>The Deputy Vice Chancellor Academic or his nominee as Chairman, The Director and the Deputy Director of the School;</p> <p>The Director Academic Planning and Monitoring Three persons not below the rank of lecturer I from within the Academic staff of the School appointed by the Vice Chancellor One member representing the Council appointed by Council One member each representing Kaduna and Katsina</p>

	States appointed by the Governor of each State; and One member representing the Senate of the University
12	The Secretary of the School shall be the Secretary to the Board
13	The Registrar, Bursar and the Academic Secretary of the University shall be in attendance
14	The Vice Chancellor shall have the power to give directives of a general nature to the Director where it is required to maintain peace, discipline and good order in the School.
15	The Board shall meet quarterly or at the request of the Vice Chancellor or the Director
16	Members of the Board other than ex-officio members shall hold office for a term of two years and be eligible for re-appointment for a final term of two years
17	The quorum for a meeting of the Board of Governors of the School shall be the Chairman or his representative, the Director and four other members, one of whom shall be a representative of the State Governments
18	The Board may establish such committees as to assist it in the discharge of its mandates
19	An annual Report and Budget of the School shall be prepared by Director and presented to the Board for approval
20	There shall be a Professional and Academic Board for the School which shall consist of: <ul style="list-style-type: none"> i. the Director/Deputy Director as Chairman; ii. the Coordinators of Basic and Remedial Programmes; iii. the Heads of Units of the School; iv. heads of Departments whose subjects are offered as major course in the School; and v. two other persons to be appointed by the Senate
21	Procurement of goods and services within the School shall be strictly in accordance with the Public Procurement Act as amended

6.1.2 OBJECTIVES AND FUNCTIONS OF THE SCHOOL

- i. To arrest a situation whereby a large number of students from the North intending to study sciences and science-based courses were ill-prepared to study such courses, leading to their massive failure in Faculties/College of Engineering, College of

Medical Sciences, Pharmaceutical Sciences, Life Sciences and Physical Sciences. Some of these students either get withdrawn completely from the University or are forced to transfer to other less competitive courses. This creates a wide educational gap between the North and the South and its potential of hampering national development and overall cohesion. It is the objective of the School to address this situation.

- ii. To ensure that the students are well-trained to meet the requirements of University education so that when eventually admitted into degree programmes they will not be withdrawn on grounds of poor academic performance.
- iii. To train students from its catchment areas of the North to become well-grounded for university education,
- iv. To increase the number of qualified students in Basic and Applied Sciences from the North in ABU and other Universities,
- v. To remove the imbalance in the enrolment of science and arts-based courses in the University. In order to meet up the expected ratio of sixty to forty (60:40) for science and arts respectively, the School i.e. SBRS was established to cater for the sciences and science-based programmes,
- vi. To provide enabling environment for learning.

6.1.3 MISSION AND VISION OF THE SCHOOL

Mission

The mission of the ABU/SBRS is to serve as a model pre-degree training institution that is responsive to the needs and aspirations of its immediate community and Nigeria in general. This will be achieved by the provision of sound remedial and advanced Level education in basic sciences to students so as to bridge the widening educational gap between the North and the South and its potential of hampering national development and cohesion.

Vision

ABU/SBRS aspires to be an excellent 21st century nationally recognized pre-degree training centre by effectively re-training students in basic science courses

using highly resourceful personnel and state-of-the-art learning facilities in order to meet the needs and challenges of its catchment areas of Northern States and Nigeria at large. Additionally, ABU/SBRS will provide excellent values; and will develop a distinctive identity built on the strengths of its location and the good traditions of Ahmadu Bello University.

6.1.4. ADMINISTRATIVE STRUCTURE OF THE SCHOOL

i. The Board of Governors

The Board of Governors is the highest policy making body of the School.

The Board is set up in line with the provisions of the Statutes of the School. The powers and composition of the Board are also spelt out in the Statute.

ii. The Powers and Functions of the Board

The Board of Governors of the School of Basic and Remedial Studies shall have the following functions;

- (a) To constitute a Management Committee of the School chaired by the Director, and have the Deputy Director, Secretary to the School, Heads of Academic and Non Academic Units as members;
- (b) To appoint such Committees and delegate to them such powers as it thinks fit and such Committees may include persons who are not members of the Board;
- (c) To make rules of procedure for the Committees set under (b) above and recommend times and places of meeting;
- (d) To consider and approve regulations for the recruitment of staff for the School;
- (e) To seek, collect and expend revenue for the School;
- (f) To consider annual budgets and financial reports of expenditure.

ii. Membership and Mode of Appointment

There shall be a Governing Board to be known as the Board of Governors of the School of Basic and Remedial Studies, the composition of which shall be;

- (a) The Deputy Vice Chancellor (Academic) or his nominee as Chairman;
- (b) The Director and the Deputy Director of the School of Basic and Remedial Studies;
- (c) Three persons not below the rank of Lecturer I from within the Academic Staff of the School appointed by the Vice Chancellor;
- (d) One member representing the Council appointed by Council;
- (e) One member representing Katsina State Government appointed by the Governor of the State;
- (f) Three members appointed by the Northern Governors Forum;
- (g) One member representing the Senate of the University.

Note:

The Secretary of the School shall be the Secretary to the Board.

The Registrar and the Bursar of the University or their representatives shall be in attendance at all meetings of the Board but shall not vote.

The Academic Secretary of the University shall be in attendance at all meetings of the Board but shall not vote.

The School Finance Officer shall be in attendance at all meetings of the Board but shall not vote.

6.1.5 PRINCIPAL OFFICERS

The following are the principal officers of the School:

i. The Director

The Director is the academic and administrative head of the school. He is responsible to the Board of Governors on policy matters and to the Vice-Chancellor for the day-to-day administration of the school. All other officers of the administration are responsible to him.

The Director is appointed in line with the relevant provisions of the Statutes of the School.

ii. The Deputy Director

The Deputy Director serves as the adviser to the Director on Academic activities. He is responsible to the Director for the day-to-day administration of the school. He is appointed by the Vice Chancellor for a term of two years and eligible for re-appointment for a final term of two years. The entire academic Units are responsible to him.

iii. The Administrative Secretary

The Administrative Secretary serves as the adviser to the Director on administrative procedures. He coordinates and supervises the administrative activities in the School. He shall also serve as Secretary to the BOG. He is appointed by the Registrar and shall be responsible for the general administration of the School.

iv. The Finance Officer

The Finance Officer is the School Accountant as appointed in accordance with the provisions of the Statute. He shall be responsible for handling all activities relating to financial matters of the School, maintenance of financial records and advising the Director on financial matters of the School.

v. The Heads of Units

The Head of Academic Unit is a person appointed by the Director as designated Head of teaching, research, administration of academic programmes.

The minimum academic qualification for appointment as a Head of Academic Unit is a University bachelor degree with at least second class lower in relevant field and at least a minimum of 4 years experience as Senior Master I.

The candidate must demonstrate high aptitude for teaching, good leadership quality and evidence of professional and community services.

In addition, the candidate must be:-

- (i) of good character;
- (ii) a confirmed staff;
- (iii) able to render effective teaching;
- (iv) career oriented;
- (v) pragmatic and resourceful;
- (vi) responsible and initiative; and
- (vii) matured and highly discipline.

6.1.6. SCHOOL ADMINISTRATION

The School Secretary is the Secretary to the Board of Governors as well as other Committees so specified. He is also the Administrative Secretary of the School and is responsible to the Director in the management of Staff and Students and also in the day-to-day running of the School.

a. Administrative Staff

The Administrative Staff are answerable to the School Secretary for schedules directly handled by them in the respective Administrative Units of the School.

The following are the Administrative Staff of the School:

- i. The Administrative Secretary
- ii. The Assistant Administrative Secretary
- iii. Other Administrative, Executive and Clerical (Admin.) Staff.

b. Administrative Units

Administrative Staff are available in the following Administrative Units of the School:

- ✓ Secretary's Office
- ✓ Assistant Secretary's Office
- ✓ Students' Affairs Unit
- ✓ Academic Office
- ✓ Housing Unit

c. Duties and Responsibilities

All members of the Administrative Staff are responsible and answerable to the Director in the overall discharge of their duties and responsibilities.

Some of these duties and responsibilities are:

- a) **Staff:** Recruitment, Training, Promotion, Welfare, Housing and Discipline.
- b) **Students:** Record keeping, Welfare, Hostels, Discipline and other non-academic affairs of Students (such as Sports/recreation etc)
- c) **Academic:** Record Keeping and Examinations
- d) **Admissions:** Record Keeping, Registration and Graduation
- e) **Physical Development and Facilities:** Tenders and Contracts, Equipment, Vehicles, Buildings and other facilities.
- f) Ceremonies, Functions and Official Visitors.

6.1.7. THE SCHOOL COMMITTEES

- i. Statutory Committees
- ii. Finance and General Purpose Committee
- iii. Tenders Board
- iv. Appointment and Promotions Committee
- v. Staff Disciplinary Committee
- vi. Admissions Committee
- vii. Physical Planning and Plan Implementation Committee
- viii. Some Administrative Committees
- ix. Management Committee
- x. Academic Advisory Committee
- xi. Facilities and Services Committee
- xii. Students' Disciplinary and Examinations Malpractice Committee
- xiii. Library Committee
- xiv. Security Committee
- xv. Staff Housing Committee
- xvi. Health Committee
- xvii. Staff Training Committee
- xviii. Procurements Committee
- xix. Students Welfare Committee

xx. Other Committees

6.1.8. PROGRAMMES

i. BASIC (IJMB) PROGRAMME

Requirement for admission and Placement

Student applying for Basic programme should have five relevant credits in the following subjects: English, Biology, Chemistry, Physics, Geography and Mathematics, Further Mathematics. On the completion of BASIC (IJMB) programme in SBRS, a student can only be placed into a degree programme if such student has:

- a. Successfully obtained a minimum of **six (6)** points in the IJMB final Examinations.
- b. Purchased and correctly filled the Direct Entry DE) form.
- c. Chosen ABU as first choice.

B. Subject combinations

Table.1

GROUPS	REQUIRMENTS	SUBJECTS
BS1	English Language, Mathematics Biology, Chemistry & Physics	Biology, Chemistry & Physics
BS2	English Language, General Mathematics Chemistry, Physics & Biology	Chemistry, Mathematics & Physics
BS3	English Language, General Mathematics Biology, Chemistry & Physics OR	Biology, Chemistry & Mathematics

BS4	English Language, General Mathematics, Chemistry, Geography	Chemistry, Geography & Physics
BS5	English Language, General Mathematics Geography, Physics & Biology OR	Geography, Mathematics & Physics

ii. REMEDIAL PROGRAMME

Requirements for Admission and Placement

Student applying for remedial programme should have three relevant credits and two passes in the following subjects: Biology, Chemistry, Physics, Geography and Mathematics. **OR** four credits from the five subjects listed above. Successful SBRS students are placed into appropriate degree programmes provided he/she has

A minimum CGPA of 2.00 at the scale of 5 .00

- ✓ Registered for the current UTME and has chosen ABU as first choice
- ✓ Gotten the national cut-off point of the UTME and
- ✓ Acquired seventy five(75) percent attendance in lectures and practical sessions

It should be noted that, all Remedial students must remedy their Ordinary Level deficiencies before going into 100 Level of the university. They must get at least five credits in the following subjects: Biology, Chemistry, Physics, Geography, Mathematics and English Language.

A. Subject combinations

There are worked out subject combinations which comply with the entry requirements for various degree programmes. Each

combination consists of English, Mathematics and three other science subjects. The combinations are:-

- RS1: English, Mathematics, Biology, Chemistry and
- RS2: English, Mathematics, Biology, Chemistry and Physics;
- RS3: English, Mathematics, Biology, Physics and
- RS4: Geography; and English, Mathematics, Chemistry, Physics and Geography.

B. Degree Programmes Available For Remedial Science Students

Below is the list of degree programmes available for each Remedial science group.

Table. 2

S/N	COMBINATION	COURSES AVAILABLE
1.	RS1: English, Mathematics, Chemistry & Geography	(a) Science: B.Sc. in Biology, Mathematics, Computer Science, Statistics, Geography
		(b) Environmental Design: B.Sc. in Urban and Regional Planning
		(c) Education; B.Sc. Ed. in Biology, Geography, Mathematics B.Sc. Ed. In Agricultural Education, Human Kinetics and Health Education and Library and Information Science.

2.	RS2: English, Mathematics, Chemistry and Physics.	(a) Health Sciences: MBBS, B.Sc.in Nursing Science, Human Anatomy, Human Physiology
		(b) Pharmaceutical Sciences B. Pharm.
		(c) Veterinary Medicine DVM
		(d) Agriculture: B. Agric
		(e) Science: B.Sc.in Biology, Chemistry, Biochemistry, Textile Science and Technology, Geology, Microbiology, Mathematics, Statistics, Computer Science, Physics.
		(f) Environmental Design: B. Architecture, B.Sc. in Building, Industrial Design
		(g) Engineering: B. Eng in Agric.,Chemical, Civil, Electrical, Mechanical, Metallurgical, Water Resources & Environmental, Geometrics B.Sc. in Quantity Surveying

		<p>(h) Education:</p> <p>B.Sc. Ed in Biology, Mathematics, Chemistry, Physics.</p> <p>B.Ed in Agricultural Education, Integrated Science, Human Kinetics and Health Education, Library and Information Science.</p>
3.	RS3: English, Mathematics Geography and Physics.	<p>(a) Science:</p> <p>B. Sc. In Geography, Physics, Mathematics, Statistics, Computer Science.</p> <p>(b) Environmental:</p> <p>B. Architecture, B. Sc. In Urban and Regional Planning.</p> <p>(c) Education:</p> <p>B.Sc. Ed. In Mathematics, Geography,.</p> <p>B.Ed in Human Kinetics and Health Education, Library and Information Science.</p>
4.	RS4: English, Mathematics, Chemistry, Geography &Physics.	<p>(a) Engineering:</p> <p>B. Eng. in Agric, Chemical, Civil, Electrical, Mechanical, Metallurgical, Water Resources and Environmental, Geometrics.</p> <p>B.Sc. In Quantity Surveying</p>

		(b) Environmental Design B. Architecture, B. Sc. in Building, Urban and Regional Planning, Industrial Design.
		(c) Science: B. Sc. In Geography, Physics, Chemistry, Textiles Science and Technology, Geology, Mathematics, Statistics, Computer Science.
		(d) Education: B. Sc. Ed. In Geography, Mathematics, Physics. B. Ed in Library and Information Science.

Table. 3 ENROLMENT INTO IJMB PROGRAMME

S/NO	STATE	2008/2009	2009/2010	2010/2011	2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	TOTAL
1	Adamawa	3	8	2	0	7	18	20	11	9	8	86
2	Bauchi	2	5	2	2	3	29	9	8	8	7	75
3	Benue	11	10	1	8	6	4	9	9	7	6	71
4	Borno	1	4	1	8	8	14	11	8	7	7	69
5	FCT	2	0	0	2	3	4	2	3	2	2	20
6	Gombe	1	6	2	2	3	6	14	12	6	6	57
7	Jigawa	3	5	1	2	7	12	15	14	7	7	73
8	Kaduna	22	44	14	19	38	41	56	37	34	31	336
9	Kano	3	18	11	4	28	47	42	43	25	24	245
10	Katsina	14	21	20	4	23	37	48	32	25	23	247
11	Kebbi	1	0	0	0	8	10	10	2	4	4	39
12	Kogi	23	19	6	11	18	32	28	25	20	18	200

13	Kwara	22	21	6	7	8	15	7	13	12	10	121
14	Nassarawa	8	2	3	3	3	19	26	14	10	9	97
15	Niger	9	5	5	4	23	30	34	20	16	15	162
16	Plateau	1	1	1	0	2	6	5	3	2	2	24
17	Sokoto	2	1	0	0	1	7	0	1	2	1	15
18	Taraba	4	4	1	3	7	10	6	14	6	6	61
19	Yobe	1	2	1	2	5	17	12	4	6	5	55
20	Zamfara	4	2	1	0	3	8	6	5	4	3	36
21	Others	0	0	1	0	1	4	0	5	1	1	14
	TOTAL	137	178	79	81	205	370	360	283	212	196	2101

Table 4 PROJECTION ANALYSIS OF STUDENTS ENROLMENT

ACADEMIC YEAR	REMEDIAL ENROLMENT	IJMB ENROLMENT	TOTAL ENROLMENT
2002/2003	1144	-	1144
2003/2004	1592	-	1592
2004/2005	1830	-	1830
2005/2006	2153	-	2153
2006/2007	1812	-	1812
2007/2008	1504	-	1504
2008/2009	2133	137	2270
2009/2010	2057	178	2235
2010/2011	2145	79	2224
2011/2012	2514	81	2595
2012/2013	1871	205	2076
2013/2014	1892	370	2262
2014/2015	1693	360	2053
2015/2016	1391	283	1674
2016/2017	1838	212	2050
2017/2018	1887	238	2126
Total	29,456	2,143	31,599

Table 5 PROJECTION ANALYSIS OF STUDENTS PERFORMANCE

SESSION	SUCCESSFUL	% SUCCESSFUL	FAILED	% FAILED
2002/2003	661	66%	343	34%
2003/2004	1288	70%	544	30%
2004/2005	1188	69%	544	30%
2005/2006	1343	62%	828	38%
2006/2007	1361	72%	522	28%
2007/2008	1344	72%	525	28%
2008/2009	1374	64.40%	759	35.60%
2009/2010	1497	72.90%	556	27.10%
2010/2011	1222	57%	921	43%
2011/2012	1397	55.60%	1117	44.40%
2012/2013	1114	59.30%	766	40.70%
2013/2014	1203	63.80%	684	36.20%
2014/2015	1246	73.60%	447	26.40%
2015/2016	859	61.80%	532	38.30%
2016/2017	1221	65.30%	649	34.70%
2017/2018	1261	65.27%	671	34.73%

6.2 DEMONSTRATION SECONDARY SCHOOL (DSS)

6.2.1 HISTORICAL BACKGROUND OF DSS

Demonstration Secondary School, Ahmadu Bello University, Zaria is a co-educational Institution with no boarding facilities. It is located in the Main Campus of the University, behind Amina Hall (Female Hostel). It is situated in-between the Main and the North Gates, facing directly the first and Union Bank along Zaria Sokoto highway, an entrance to the school from the Main Gate leads through Amina Hall while an entrance through the North Gate leads through Samaru Public Library (by the gate) via Suleiman Hall. The present site of the school, initially designated as a temporary site, has gradually become its permanent site in view of the harsh economic situations in the country since the inception of the school

As noted in the 10th anniversary Magazine of the school (1992), in 1969, the first indigenous Vice Chancellor of Ahmadu Bello University, Zaria, Professor Ishaya Audu, conceived the idea of a secondary school for the University. He then set up a Committee under the Chairmanship of Professor Admau Baikie to conduct feasibility study on the establishment of the school. The school existed in its incubation stage until 1980 when Professor Ango Abdullahi set up a Steering Committee under the Chairmanship of Professor Jonathan O. Ndagi to work towards translating this dream into reality. The Committee's untiring efforts culminated into the birth of the school. On April 28, 1982, the school commenced its official function when it opened its doors to the intake of 85 students with Mr. Paul Turton (a Briton) as the first principal and five (5) academic staff. Three (3 non-academic staff – a driver, a typist and a messenger were also appointed at the commencement of the school.

OBJECTIVES.

The objectives for establishing the school as entrenched in Article 2a, b. c and d of the regulations governing the management of the school include the following:

1. To provide opportunity for B.Ed, B.A (Ed), Bsc (Ed), PEDE and N.C.E. Students to carry out their teaching practice programmes which is

part of the requirements for the completion of their courses and also an experimental school for research in Education in this University.

2. To establish a model secondary school and provide post primary secondary education for staff children especially those who find it difficult to secure admission into the State's school.
3. To admit non-ABU staff children in accordance with policy decision of the School Authority.

6.2.3 STUDENTS DEVELOPMENT

The importance of students in this school cannot be over emphasized, for without them the school does not exist. Thus, it becomes imperative that a priority consideration be given to the policies on students development.

From its inception, the admissions policy of the school has been that of admitting students through common Entrance conducted by the school. At the publication of entrance results based on the cut-off points, successful candidates are invited for interview after which admissions are done based on merit in the first list. At the expiration of the date of acceptance of admission offers, vacant positions are filled with supplementary lists. This policy has been maintained to date, in line with this policy, with an initial intake of 85 students in April 1982, the students' enrolment now stands at about 2,000 with an annual turnover of about 250 students to the admission market into tertiary institutions in Nigeria.

From 1982, the trend in student's development has been an astronomical growth. Thus, without any gain saying, goes with greater responsibilities and challenges both for management and staff. This also means increasing rate of indiscipline amongst students.

The first intake of students in the school who passed out in 1986 underwent the five-year programme of Ordinary Level School Certificate Examination (GCE) conducted then by the West African Examination Council (WAEC) while the subsequent ones to date follow the 6-3-3-4 system of education in consonance with the National Policy on Education. To date, the school has turned out thirty (30) sets of students totaling on the average 12,000 students.

6.2.4 STAFF DEVELOPMENT

6.2.4.1 STAFF MOBILITY

The vertical mobility of staff depends primarily on promotion which may be based on the criteria of merit or seniority. The use of merit and seniority is because they can be more objectively assessed. Promotion of staff in Demonstration Secondary School is based on merit and seniority.

6.2.4.2 STAFF STRENGTH

From an aggregate academic staff of six (6) only at the inception of the school in 1982, the figure rose to the peak of 134 in 2002, a total of 167 staff in 2018 made up of ABU Tenure, DSS Tenure and Part-Time.

Also, non-teaching staff strength increased appreciably from 5 to 17 in 1989 representing an increase of 200% over the period under review and reaching a peak of 38 in year 2002. Now the strength in 2018 is 105 made up of ABU Tenure, DSS Tenure staff and casual staff.

6.2.4.3 STAFF RECRUITMENT

The School administration in conjunction with the School Management Board has the responsibility to select and recruit the right caliber of staff into the school. The administration takes the following steps

6.2.4.4 JOB ANALYSIS

This involves the formulation of recruitment policy and the determination of number and types of manpower required i.e. the school administration determines before hand the type of personnel required for each position. This reveals from the beginning the quality of personnel required Determining the quality of personnel before the commencement of recruitment is know as job analysis. To establish these personnel qualities entails the determination of the job responsibilities (Job description), and the specification of the qualifications necessary to fill the job is described as job specification.

RECRUITMENT AND SELECTION

After quality and the number of personnel require for each position in the school, the next step is to recruit and select the personnel RECRUITMENT is the process of searching for prospective employees and stimulating them to apply for jobs in the school, SELECTION the other named implies choosing the best from the applicants. In selecting the best, the following process is involved:

- i. Advertising the posts
- ii. Receiving application
- iii. Short-listing candidates for interview
- iv. Interview (Oral/Written)
- v. Background investigations through references
- vi. Final selection

Each of these steps represents a decision making point. The applicants who do not meet the selection criteria at the end of each step are "Weeded" out.

PLACEMENT AND ORIENTATION

Final selection in made, and the applicant employed, she/he is introduced to the job, his fellow employees and his job environment. This is known as INDUCTION. At this stage, the employee is integrated into the rules and regulations of the school as well as the University system.

Table 1: Organogram of DSS

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graph TD
    VC[VICE CHANCELLOR] --> SMB[SCHOOL MANAGEMENT BOARD]
    SMB --> PRINCIPAL[PRINCIPAL]
    PRINCIPAL --> VP_K[VICE PRINCIPAL KONGO]
    PRINCIPAL --> VP_A[VICE PRINCIPAL ADMIN]
    PRINCIPAL --> VP_ACD[VICE PRINCIPAL ACD]
    PRINCIPAL --> LIB[LIBRARIAN]
    PRINCIPAL --> AS[ADMIN SECRETARY]
    PRINCIPAL --> ACC[ACCOUNTANT]
    PRINCIPAL --> AUD[AUDITOR]
    PRINCIPAL --> STORE[STORE OFFICER]
    PRINCIPAL --> LAB[LABORATORY TECH. OFFICER]
    PRINCIPAL --> OTHERS[OTHERS]

    VP_K --> SNR_T_K1[SNR TUTOR ADM S.S.S]
    VP_K --> SNR_T_K2[SNR TUTOR ACDM S.S.S]
    VP_K --> SNR_T_K3[SNR TUTOR ADM J.S.S]
    VP_K --> SNR_T_K4[SNR TUTOR ACDM J.S.S]
    VP_K --> YGT_K[YEAR GROUP TUTORS]
    VP_K --> ASHD[ASST. HEADS OF DEPT]
    VP_K --> HTS[HEADS OF SECTIONS]
    VP_K --> FT_K[FORM TUTORS]
    VP_K --> CP_K[CLASS PREFECTS]
    VP_K --> STSD_K[SENIOR TUTOR SPECIAL DUTIES]
    VP_K --> DS[DEUTY SUPERVISOR]
    VP_K --> GM[GAME MASTER]
    VP_K --> GC[GUIDANCE COUNSELLOR]
    VP_K --> HBG[HEAD BOY/HEAD GIRL]
    VP_K --> SP[SCHOOL PREFECTS]

    VP_A --> SNR_T_A1[SNR TUTOR ADM S.S.S]
    VP_A --> SNR_T_A2[SNR TUTOR ACDM S.S.S]
    VP_A --> SNR_T_A3[SNR TUTOR ADM J.S.S]
    VP_A --> SNR_T_A4[SNR TUTOR ACDM J.S.S]
    VP_A --> YGT_A[YEAR GROUP TUTORS]
    VP_A --> FT_A[FORM TUTORS]
    VP_A --> CP_A[CLASS PREFECTS]
    VP_A --> CM[COMPOUND MASTER]
    VP_A --> HM[HEALTH MASTER]
    VP_A --> HBG
    VP_A --> SP

    VP_ACD --> SNR_T_ACD1[SNR TUTOR ACDM S.S.S]
    VP_ACD --> SNR_T_ACD2[SNR TUTOR ACDM J.S.S]
    VP_ACD --> HD[HEADS OF DEPT.]
    VP_ACD --> HS[HEADS OF SECTION]
    VP_ACD --> ST[SUBJECT TEACHERS]
    VP_ACD --> STSD_ACD[SENIOR TUTOR SPECIAL DUTIES]
    VP_ACD --> DS_ACD[DEUTY SUPERVISOR]
    VP_ACD --> HBG
    VP_ACD --> SP

    LIB --> LO[LIBRARY OFFICER]
    LO --> ALO[ASST. LIBRARY OFFICER]
    ALO --> LA[LIBRARY ATTENDANT]
    LA --> SS[SCHOOL SERGENT]
    SS --> ASSS[ASST. SCHOOL SERGENT]

    AS --> CCO[CHIEF CLER. OFFICER]
    CCO --> CO[COMPUTER OPERATORS]
    CO --> OA[OFFICE ASSISTANCE]
    OA --> CLEANERS[CLEANERS]
    AS --> EXO[EXAMINATION OFFICER]
    EXO --> AEO[ASSISTANT EXAM. OFFICER]

    ACC --> CCO_ACT[CHIEF CLER OFFICER ACT.]
    CCO_ACT --> ACCO[ASST. CHIEF CLER OFFICER ACT]
    ACCO --> OTHERS

    STORE --> ASO[ASST. STORE OFFICER]

    LAB --> ALTO[ASST. LAB TECH. OFFICER]
    ALTO --> LABATT[LAB ATTENDANCE]

    STUDENTS[STUDENTS]
  
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6.3 ABU STAFF SCHOOL (ABUSS)

6.3.1. INTRODUCTION/HISTORICAL BACKGROUND:

The Ahmadu Bello University Staff School was established in 1954 and celebrated her Golden Jubilee Anniversary in the year 2008. Ahmadu Bello University (Transitional Provision) Act, CAP14, Law of the Federation of Nigeria 1975 and 1990 Section 5 (e) affirmed the establishment of A.B.U. Staff School. By the year 1988 the school has grown to the extent that two Annex Schools were created in Kongo Campus and in Area BZ of the Main Campus.

The death of Mrs. A.A. Baba in 1988 the second indigenous Headmistress was a setback on the School. She took over from Mrs. M.J. Jarma in 1976. However, Late Mrs. V. Apeji managed the School in acting capacity, until the appointment of Hajia A. E. Jatto in 1989 as Headmistress.

Head Master/Headmistresses of the School from 1958 to 2014:

1958 – 1960	=	Mrs. E. Knox
1960 – 1963	=	Mrs. M. Paul
1963 – 1966	=	Mrs. H. Michie
1967 – 1969	=	Mr. Rex Oran
1969 – 1976	=	Mrs. M.J. Jarma
1976 – 1988	=	Mrs. A.A. Baba
1989 – 2007	=	Hajia A.E. Jatto
2007 – 2015	=	Alh. M.G. Alfa
2015 to date	=	Mal. Muhammed Sani Mahmud

6.3.2. Vision:

“To train children in order to develop their physical and intellectual ability and inculcate in them the acceptable moral values that will lead them to acquire skills and be useful citizens of our great nation and world community”.

6.3.3. Mission:

- ✓ To provide primary education for the children of staff of the University;

- ✓ To train children to be able to fit into secondary school education with minimum difficulty after their primary school;
- ✓ To inculcate in the pupils good healthy habits that will lead them to become good and useful citizens when they grow up;
- ✓ To provide a curriculum suitable to the international nature of the school so that any child leaving the school to any other school in any part of the world where English is used as a medium of instruction will fit in with minimum difficulty;
- ✓ To serve as a research and consultancy centre for students and staff of the University on the changes or new trends in development in childhood education.

6.3.4. Pupils Enrolment:

Despite the expansion and extension of facilities to cater for staff children based at Main Campus, Kongo and Agricultural Complex of the University viz DAC, NAERLS, IAR, NAPRI etc the task and challenges of meeting the demand has increasingly proved to be gigantic one.

6.3.5. Staff Development:

Within this period there has been great improvement in staff development. The school is no longer having Grade II Teachers. The minimum qualification presently is Nigeria Certificate in Education (NCE). Most of the staff are first degree holders obtained through Long Vacation Training (LVT) organized by this University. Apart from the sandwich training, the school in conjunction with the University Authority has been organizing both external and internal workshops to improve the academic development of the staff. Some of our staff attended professional workshops organized by National Organisations.

6.3.6. Infrastructural Development and Amenities:

From 1988 to date the University has been putting more effort in providing infrastructure and amenities to the school. To this end, the office of the Headmaster and the classrooms at the junior sections of the school have been renovated. In addition the fencing of the Main Campus

School has reached a conclusive stage. The general repairs of classrooms in BZ Annex were done in 2007. Additional classroom blocks have been built at Kongo Campus, after moving the school from the old site (which is turned to social centre) to the permanent site. The construction of School Library in the Main Campus has been completed and furnished. Provision of desks and chairs in the classrooms in the three Schools cuts-across all the classes. This is done through the provision of furniture maintenance levy paid by the new intakes.

To keep pace with global ICT needs, the school is now connected to Internet. The University has allocated 30 Desktop Computers with relevant accessories to the school. A classroom has been furnished with desks and chairs through the donation made by Dr. Jibril Odogba, an alumnus based in the USA. The school computer laboratory was commissioned by the former Vice Chancellor Prof. Abdullahi Mustapha in July 2011. To this end, six computer teachers have been employed. Plan is underway to commission computer rooms at the Kongo and BZ Annexes respectively. The School is the first to obtain Promethean Interactive Whiteboard with the support of the University in this community. Teaching of Computer has commenced in all the three branches of the school.

6.3.7. Challenges:

The school is working hard to meet up with the requirement of International Standard in terms of modern infrastructure and learning equipment. Some of the problems facing the School can be itemized as follows:

- ✓ Greater participation of all Stakeholders in assisting the schools physical/capital projects;
- ✓ Standard library and Computer Laboratories at Annex schools, Kongo and Area BZ (plan is almost completed to accomplish this soon);
- ✓ Fencing of Main Campus and BZ Annex;
- ✓ Renovation of Classrooms in the Juniou section at the Main Campus, BZ and Kongo annex;
- ✓ Obtaining school Buses for extra-curricular activities. Though PTA has taken a positive step towards that;
- ✓ Rehabilitation of Sports fields at Main Campus and BZ Annex;

- ✓ Building of Assembly Hall at the Main campus;

6.3.8 Awards and Achievements:

The products of our School are found all over the globe. There is hardly any academic Department or Faculty in this University where one cannot find a product of this School. If this is the case within our immediate environment, you would agree with me that the School has reached all the nooks and corners of our country directly or indirectly. It is important to know that quite sometimes now over the years, the School has been performing excellently well. The maiden issue of the School Magazine 'whisper' was produced in 1991 while the second Edition followed in 2008. The School took a lead in Zaria in maintaining a School band which performed wonderfully well during the last NUGA Games at Ahmadu Bello University in 2001; the band is sometimes used for the whole Schools in Zaria during the Children's Day Celebrations. In addition the School won a trophy in 2000 in Cultural Activities organized by Space 2000 donated by Kaduna State Governor's wife. The School won trophies in football competition, in Mathematics and Fine Art Competition organized by Federal Ministry of Education Several times. During the Golden Jubilee Celebration by the University Staff School featured prominently in the callisthenic display.

- ✓ Initiated the Formation of Alumni Association;
- ✓ Partnership with International Schools, e.g. Godwin School London;
- ✓ Serving almost all academic departments for undergraduate/postgraduate research;
- ✓ 3 year ICT Development plan Connectivity to Internet and E-Library;
- ✓ Hosted Federal University Staff School Association of Nigeria (FUSSAN) Annual Workshop in 2008;
- ✓ Restoring the rights of graduates from the school as members of congregation;
- ✓ Workshop for teachers to enhance their performance;
- ✓ Celebration of the Golden Jubilee Anniversary;
- ✓ Annual Inter-House Sports Competition, and Concert Presentation;
- ✓ Introduction of new academic subjects e.g. French, Creative Arts and Computer Studies;

- ✓ Educational visits in collaboration with child project as Non governmental Organization;
- ✓ Winners of the Arts Competition organized by Environmental Design Student Association in 2004;
- ✓ Complete adoption of the new-curriculum based on the Federal Government's policy on Universal Basic Education;
- ✓ Assistance to other schools, e.g. BUK Staff School, ATBU Staff School, Bauchi Staff School, University of Nigeria Nsuka Staff School, FUT Staff School Minna, etc.
- ✓ Revival of PTA and remarkable intervention of PTA in addressing the needs of the school – Sinking of borehole, rehabilitations work etc.
- ✓ Award of excellence in recognition of the contributions of prominent personalities to the school e.g. Former Headteachers by the University during the University's Golden Jubilee Anniversary;
- ✓ Completion of library building in Main Campus;
- ✓ Construction of a block of storey building at BZ Annex Classroom accommodation.
- ✓ Securing approval for new career structure for teachers which place the Head teacher on contiss 14, graduate terminal grade contiss 13 etc.
- ✓ Installation of computers in the computer rooms at BZ and Kongo Annex
- ✓ Approval of Post graduate studies of qualified teachers by the management.
- ✓ Participation of pupils in national competitions organized by different bodies such as MAN, ZEDA, TIS, etc.

The School is committed to be equal to the task despite the glaring shortcoming and apparent declining falling standard of education in the country. All we need is the support, cooperation and sacrifice by stakeholders. Gone is the day when the Government is left to shoulder the responsibility of education of our children. We are proud to see that Staff School is the best among the equals.

CHAPTER SEVEN

SERVICE UNITS OF THE UNIVERSITY

7.0. INTRODUCTION

Ahmadu Bello University, Zaria has various Units that render variety of services, some not only to the members of the University Community, but for the entire municipal. These Service Units are described in this Chapter.

7.1 AHMADU BELLO UNIVERSITY PRESS LIMITED, ZARIA RC 23447

7.1.1 Historical Background

Ahmadu Bello University Press Limited was established in 1973 and incorporated as Limited Liability Company on 30th January, 1978 with the mandate of promoting academic excellence through scholarly publishing (publishing and printing books and other related materials especially for the tertiary institutions). The Company holds 50,000,000.00 issued and fully paid ordinary share capital of ₦1.00 each.

Ahmadu Bello University Press Limited is one of the Companies established and solely owned by the Ahmadu Bello University to diversify its sources of revenue. It is an independent, fully commercialized venture with its own Management and Board of Directors.

The Company is situated at Ahmed Talib Building, Ring Road, by ICOSA Ramat Hall, Ahmadu Bello University, Main Campus, P.M.B 1094, Samaru, Zaria, Kaduna state.

Contacts:

Telephone Numbers: 08034524194, 08035971815.

E-mail: abupresslimited2005@yahoo.co.uk,

Website: www.abupress.org.

7.1.2 Our services

Ahmadu Bello University Press Limited offers a range of services as follows:

- i. Publishing
- ii. Commercial Printing
- iii. Binding of Books, Journals, Newspapers, Periodicals etc
- iv. Sales of Books, Journals and periodicals
- v. Training on Graphics, Lithography, Printing, Binding and Editorials
- vi. Consultancy Services in Printing and Publishing

7.1.3 Organizational Structure and Staff Strength

The Board of Directors is the highest decision-making organ in the organization. The Managing Director is the Chief Executive Officer responsible to the Board of Directors'. The company has staff strength of 86, with four Departments namely:

1. Department of Editorial and Publications, headed by the Assistant General Manager (Editorial & Publications).
2. Department of Marketing and Products Development, headed by the Assistant General Manager (Marketing & Products Development).
3. Department of Production, headed by the Assistant General Manager (Production).
4. Department of Finance and Administration, headed by the Assistant General Manager (Finance & Administration).

All the heads of department are directly responsible to the Managing Director. Each department, for ease of Administration has been divided into sections, which are headed by head of sections/ Supervisor, who are in turn also directly responsible to their heads of department. The sectional heads co-ordinate and supervise all the administrative and production activities in their respective sections.

7.1.4 Board of Directors

The Board composition comprised Vice-Chancellor or his representative, 2 Governing Council representatives, Registrar, Bursar, University Librarian, 2 Congregation representatives and the Managing Director/CEO as members.

7.1.5 Achievements

The Company over the years recorded significant improvement in its operations, performance and profitability. It recorded a turnover of ₦204m in 2014 and ₦201m in 2015 and Profitability position of ₦29.3m 2014 and ₦33.8m in 2015.

7.1.6 Prospects

The Company maintained the confidence of its customers, executes and delivers job orders on schedule. It has installed several machinery/equipment from its cumulative retained earnings.

The Company enjoys patronage from international NGOs such as Ford Foundation Intervention Programme on Resuscitating Scholarly Publishing in Nigerian Universities. The programme affords the Company opportunity on staff training (local and overseas), some intervention funds for new publications and re-print of selected back-list among others.

The Company is shortlisted for participation in TETFUND intervention on Book Development Project (Tertiary) expected to commence soon.

7.1.7 Challenges

The Company's main challenge is inadequate capital to acquire and install the most needed modern Machinery/Equipment to enhance its capacity and quality of production that will enable it compete favourably and the need to mobilize support from ABU Stakeholders for patronage of its various service to sustain growth and profitability.

7.1.8 Roll-call of Chairmen, Board of Directors

✓ Prof. Adamu Nayaya Muh'd	1987-1991
✓ Prof. Daniel Saror	1991-1993
✓ Maj. Gen. Mamman D. Kontagora (Rtd)	1994-1996
✓ Prof. Abdullahi Mustapha (DVC, Admin)	1996-2002
✓ Prof. Abdullahi Mahadi	2002-2004
✓ Prof. Yakubu A. Nasidi (DVC, Admin)	2004-2008
✓ Prof. Idris Isa Funtua (DVC, Admin)	2008-2012
✓ Prof. Ibrahim Na'iya Sada (DVC, Admin)	2012-2017
✓ Prof. Kabir Bala (DVC, Admin)	2017-Date

7.1.9 Roll-call of Managing Directors/CEO

✓ Malam Inuwa Dikko	1983-1984
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- ✓ Prof. Abdulrahman Ghaji 1984-July,1993
- ✓ Chief Shu'aibu A. Afegbua July, 1993 – February, 2001
- ✓ Sa'idu Hassan Adamu Feb., 2001 – August, 2004
- ✓ Alh. Abdullahi Hassan K/Sauri September, 2004 – April 2014
- ✓ Alh. Kassim Yusha'u Shika April, 2014 - June, 2016.
- ✓ Ahmad Ibrahim Ja'e July, 2016 - Date

7.1.10 Company's Machinery

Available company's machinery/equipment are spread over the four Sections of the Production department as follows:-

a. Pre- Press Section: This section consists of two units as discuss below:

- Computer Unit: This unit carries out all Typesetting, Formatting, Cover design and Color separation. The Unit has State-of-the art Computers equipped with latest soft wares, Scanners, 5100 & 5000 series LaserJet, 1100 lesser jet, and A3 size LaserJet Colored Printers and color separation Machine, etc.
- Lithography Unit: This unit carries out stripping, filming, plating etc. The Machinery in this Unit include: Image letter(CTF)_1no. Computer to Plate (CTP), Dupliphot Plate Maker (3nos.), Plate Processor machine (it washes plate mechanically), Camera (1), Print down Frame (2nos.), Light Table (3nos.) etc.

b. Printing Section: The Machinery in the Printing Section includes:-

- Speed Master, Perfecto, 2-color heavy duty off-set printing machine with maximum speed of 22,000 sheets per hour (it can print two colors simultaneously and print both front and back (perfecting) on maximum A1 (24/2" x 36") paper size.
- Sord-Z Two-color heavy duty printing machine with maximum speed of 12,000 sheets per hour (it can print two color instantaneously) on maximum paper size A1 (24/2" x 36");
- Kord 64 Machine (3nos.) can print at a maximum speed of 6,000 sheets per hour with accurate registration gauge, maximum paper A2 size.
- M.O.VP-S 4-color heavy duty off-set Printing Machine can print at a maximum speed of 8,000 sheets per hour with accurate registration gauge, maximum paper A2 size. It is good for process color printing.
- Heideiberg Platen Letter Press Machine: it is very fast, for numbering, with capacity of 5,000 sheets per hour, also does perforating, scoring etc.

- Gestetner 201 printing machine: this machine prints a maximum speed of 4,500 sheets per hour with accurate registration gauge, maximum paper size full scape. It is good for both single and multiple colored printing.
- Polar 82 Guillotine Machine: this cutting machine makes it easy to trimmed and parcel the printed job.
- GTO Printing Machine: This machine is very fast, for numbering with capacity of 5,000 sheets per hour, it also does perforating, scoring e.t.c
- Digital Imaging Machine(DI):

c. Print- Finishing Section: Machinery in this section includes: Wohlenberg 115 Guillotine (Cutting) Machine; Folding Machine(2nos.); Sewing Machine, Stitching Machine (2nos.), 1no. Automatic s-head stitcher; Gluing Machine, Numbering machine (6nos.); Electrified Perforating machine, Nipping Press machine, A1 size Laminating and Rimming machines.

d. Bindery section: This section carries out re-binding of books, Journals, Newspapers, Theses and Magazines. The Machine in the section includes: Polar 92 Guillotine (Cutting) Machine, Gluing Machine, Spiral Binding Machine, Blocking Machine (4nos.), Nipping Press machine, Electrified Driller, Punching Machine, 2nos. Modern- type Blocking Machine, 2nos. Auto-minal (Perfect Binder) Binding Machine, Baby pony Binding Machine, etc.

e. Power Supply

Three standby Generators have been installed in order to supplement the adverse effects of public power outages. Production is therefore, not adversely affected by the erratic power supply from PHCN. The Generating Plant are: Renault 47 KVA, Perkins FG Wilson 200KVA and Honda 3.5 KVA power generating plants.

f. Assets of the Press

i. Building

The Company's Building Complex consists of a big warehouse where finished goods are kept before delivery. There are also three stores where raw materials, textbooks, and machines parts are kept separately. The printing room is another spacious building. Adjacent to this building is the Bindery section and Text books Stores.

At the front is the Administration Building, which houses the offices of the Managing Director; Computer section; Board Room; Editorial/Publications; Finance and Administration; Marketing/Product

Development Departments; Internal Audit; Reception and Security Office.

ii. Vehicle:

The Company has four functional vehicles:-

- a. Toyota Corola, Saloon 2012 Model = 1
- b. Golf Sharon Station wagon = 1
- c. Golf-3 station wagon Car = 2

iii. Investment

The Company hold Shares in the Ahmadu Bello University Microfinance Bank (Nig.) Limited, Samaru, Zaria.

g. Technical Support

The Company has cultivated good relationship with several other printing and publishing houses within Zaria, Kaduna, Kano, Lagos and Abuja. This makes it easier for the company to handle any volume of work awarded to it and also accomplish the task within the agreed time scheduled. In addition, the Company regularly engaged the services of consultants and other professionals whenever their services are deemed to be critical to the success of any job order at hand.

h. Raw Materials

Ahmadu Bello University Press Limited has over the years, established very good business relationships with many dependable importers, manufacturers' representatives and Suppliers of production materials, machines spare- parts and consumables at Lagos, Ibadan, Kaduna, Kano and Zaria.

i. Bankers

The Company has Banking relationship with the following Banks:

i. First Bank of Nigeria Plc.

2, Sokoto Road,
P.M.B. 2, Samaru, Zaria.
Tel: 069-554884

ii. United Bank for Africa Plc,

F11, Kaduna Road, Zaria.
Tel. 069-333351-4, 333354

iii. A.B.U. Microfinance Bank (Nig.) Limited,

At the Main Gate, ABU, Samaru, Zaria

iv. Stanbic IBTC Bank Plc.

F10, Kaduna Road, Zaria

j. Insurers

The Company has Insurance relationship with the following accredited Insurance Companies:

- ✓ **NICON Insurance Corporation,**
Park Road, Zaria
- ✓ **Capital Express Assurance Plc,**
Kaduna
- ✓ **Linkage Assurance Plc,**
Plot 4, Block B, Constitution Road, Kaduna.

k. Auditors

The Company's External Auditors are:

KARIMS & ASSOCIATES.

(Certified National Accountants & Tax Consultant),

10, Old Jos Road, Opposite Kongo Campus,
Gyallesu, Zaria

C Registration and Business Relationship with Government and Private Organizations

Ahmadu Bello University Press Limited has registered and engaged in several business relationships with the following Governmental and Non-governmental Organizations among others:-

- ✓ Ahmadu Bello University, Zaria
- ✓ Ahmadu Bello University Teaching Hospitals
- ✓ National Commission for Nomadic Education, Kaduna
- ✓ Nigerian College of Aviation Technology, Zaria
- ✓ Northern Nigeria Publishing Company, Zaria
- ✓ Arewa House, Kaduna
- ✓ Petroleum Trust Fund, Abuja
- ✓ Federal Inland Revenue Service, Wuse Zone 5, Abuja
- ✓ Independent National Electoral Commission, Abuja
- ✓ University of Abuja, Abuja

- ✓ Bureau for Public Enterprises, Abuja
- ✓ Northern Nigeria Law Report Committee c/o FCT High Court, Abuja
- ✓ National Programme on Immunization, Abuja
- ✓ National Judicial Institute, Abuja
- ✓ Kaduna State University, Kaduna
- ✓ Umaru Musa Yaradua University, Katsina
- ✓ Kano University of Science and Technology, Wudil, Kano State
- ✓ Federal Medical Centre, Birnin Kudu, Jigawa State
- ✓ Adamawa Emirate Council, Yola
- ✓ Sokoto State Board of Internal Revenue
- ✓ 20.Sule Lamido University, Kafin Hausa, Jigawa State
- ✓ 21.Bauchi State University,Gadua
- ✓ Nuhu Bamalli Polytechnic, Zaria
- ✓ Office of the Accountant General of the Federation, Federal Ministry of Finance, Abuja.
- ✓ Office of the Accountant General of the Federation, Ministry of Finance, Kaduna State.
- ✓ Industrial Training Fund

7.2 AHMADU BELLO UNIVERSITY LIBRARY COMPLEX

7.2.1 Brief History

Ahmadu Bello University is blessed with a network of libraries, all of which are referred to the University Library Complex with Kashim Ibrahim Library as the main Library. The present main library was formally opened in December, 1974 by late Sir Alhaji Kashim Ibrahim after whom it was named. Collectively, the libraries are to support the current and anticipated teaching, learning, and research and community service activities of the University through provision of all relevant information resources, facilities, services and personnel. Among the goals of the Ahmadu Bello University Library Complex are:

- i. To select, acquire and maintain library resources in all formats for supporting teaching, learning, research and community service of the University,
- ii. To participate in resource sharing programmes at Local, State, National and International levels.
- iii. To facilitate access to information resources not available in A.B.U. libraries.

The University Library Complex is made up of the main library – Kashim Ibrahim Library, nine satellite library and faculty/departmental libraries. The main library has nine divisions ranging from Resource Development Division, Resource Processing Division, Serial Management Division to Reference and Information Services Division, Information and Communication Technology Division and Netlibrary.

The Nine University Library Complex satellite libraries are as follows:

- i. President Kennedy Library
- ii. Centre for Islamic Legal Studies Library
- iii. Law Library
- iv. Medical Library
- v. Lee T. Railsback Library (Vet. Med, Library)
- vi. Division of Agricultural Colleges Library
- vii. Institute for Agricultural Research Library
- viii. National Agric. Extension Research Liaison Services Library
- ix. Arewa House Historical Research Library

In addition to these the University Library Complex also oversees all the Faculty and Department libraries in the University, totaling three faculties and about seventy four departmental libraries.

7.2.2 Operations

a. Opening Hours

Monday – Friday	8.00am – 11.00pm
Saturday – Sunday	8.00am – 9.00pm

b. Semesters Break

Monday – Friday	8.00am – 6.00pm
Public Holidays	Closed

c. Registration of Users

The Library has a client base of about 36,000, however only registered customers are eligible to borrow books. The period and maximum number of books each category of customers can borrow are as follows:-

i. Undergraduate (UG)	=	7 books for two weeks
ii. Postgraduate (PG)	=	10 books for two weeks
iii. Senior Staff (S/S)	=	15 books for four weeks
iv. Junior Staff (J/S)	=	3 books for two weeks
v. Honorary/Alumni	=	Can use the library for reference purpose only.

7.2.3 Library and Information Resources

The library acquires various numbers of books and journal titles. The numbers are mostly shared between the main library, satellite, faculty and departmental libraries. However, the main library has the following library and information resources

i. Books and other Print Information Resources	=	499,702
ii. Non- Print Information Resources	=	10, 985 volume
iii. Newspaper/Magazine	=	12,493 bound volume
iv. E- Resources	=	various Offline & Online

7.2.4 Library Application Software (LAS)

VTLS Software is the type of Library Application Software that Kashim Ibrahim Library is using for library automation. Using the VTLS about 162,822 bibliographic records from Kashim Ibrahim Library had been converted into the VTLS database; 204,724 item records were bar coded while 2,848 patron records were entered in the Authority File Records, bringing the number of such records to 3,866. The Library VTLS is supported by 5 OPAC Thin Client terminals.

7.2.5 Library and Information Services

-The Library offered the following services:

- i. -Customer Support Services.
- ii. -Reference Services.
- iii. -Library Orientation for New Students.
- iv. -Current Awareness Services (CAS).
- v. -Selective Dissemination of Information (SDI).
- vi. -Photocopy Services.
- vii. -Referral Services.
- viii. -Indexing & Abstracting Service.

E-Library Services

- -Guiding Staff/Students on the Use of e-Library.
- -Photocopying, Printing and Scanning services.
- -Current Awareness Services (CAS).
- Selective Dissemination of Information (SDI).
- -Provision of Database of Books and Journals in Various Disciplines - through the e-Library website at www.abu.edu.ng/library, etc.
- Provision of social media services on face book, twitter, YouTube etc.

7.2.6 The Strength of the Library

- i. The Library Complex is supported by
- ii. Large volume of printed, Audio-Visual and electronic information resources
- iii. E- Libraries with many computer workstations and other ICTs facilities, such as digital scanners, printers, digital projectors, LCD Televisions, etc.

- iv. Institutional Digital Repository (IDR) with more than 5,986 copies of full text Theses and Dissertations scanned and converted to PDF. About 3,332 items have been uploaded onto the library Dspace server.
- v. CD-Rom search Unit that provides access to about 16 off-line and on-line databases
- vi. The Library acquires and also serves as depository to official publications of national and international organizations, organs of government, associations and organizations, etc in form of monographs, pamphlets, magazines, journals, newsletters,
- vii. The Library also keeps rare collections and publications/resources issued on Africa and about Africans, with or without African publishing imprint such as trade publications, scholarly books, popularly called Africana collections
- viii. The Library, as a new innovation, also established Study Space Services called Learning Common.

7.3 Ahmadu Bello University Consultancy Services (ABUCONS)

7.3.1 HISTORY

ABUCONS (Nig) Ltd is a Consultancy firm established in 1984 to officially coordinate consultancy activities in Ahmadu Bello University, Zaria. It was incorporated into a limited liability company in 1987 with registration number RC94643.

7.3.2 GOVERNANCE STRUCTURE

The structure of ABUCONS is such that there is a Board of Directors with a Chairman to govern the firm. The day-to-day running of the company is headed by the Managing Director, and two other Directors (Administration and Finance). These are supported by other staff.

ABUCONS resource persons are members of their respective professional bodies and learned societies including the Nigerian Institute of Architects (NIA), Council for the Regulation of Engineering in Nigeria (COREN), The Nigerian Society of Engineers (NSE), Town Planners Registration Council of Nigeria (TOPREC), etc. All the staff are Proficient in the use of English Language, which is the official language of communication Nigeria.

7.3.3 Personnel Size and Quality

ABUCONS draw its professional staff from the entire Academic Departments of Ahmadu Bello University. The departments are in seventeen faculties, many Institutes/specialized Centers, extension services units, colleges of Agriculture and a School of postgraduate studies. The expertise of the staff covers a wide array of disciplines including Water, Civil Electrical, Mechanical, Environmental, Agricultural and Metallurgical Engineering, the Basic Sciences, Health Sciences, Agriculture, Pharmaceutical Sciences, the Humanities, the Social Sciences, Law, Education, Environmental Design, Public and Business Administration and Accounting. Staff in any of these disciplines can easily be drawn upon to execute any project within a given time.

7.3.4 Mandate

ABUCONS offers services to the government and its agencies, non-governmental organizations and individuals. The consultants are qualified, experienced and skilled intellectuals that can meet the requirements of an ever changing and dynamic world of research, management and development.

ABUCONS Consultants are mainly indigenous, on-shore and are well-positioned to better appreciate and understand local problems against the background of Nigeria's cultures, customs and traditions which play important roles in project sustainability. Nonetheless, ABUCONS has established links with other professional service providers nationally and internationally on the execution of some specialized projects and training for governments, organizations and individuals.

ABUCONS has access to modern, sophisticated and specialized equipment and facilities to carry out field and laboratory investigations and tests, data analyses and interpretations.

ABUCONS conduct researches/investigations in the areas of Geochemical, Geological and Geophysical, data analyses and interpretations; and effective conduct of workshops and training.

7.3.5 Areas of Practice

As stated above, ABUCONS has access to professional services provided by more than ninety academic Departments. Broadly speaking, ABUCONS has expertise in the fields of:

- (A) Engineering and Environment, including Water Resources and Environmental Engineering.
- (B) Basic Sciences including Chemistry, Physics, Biology, Geology and Geography.
- (C) College of Medical Sciences, Veterinary Medicine, and Pharmaceutical Science including Community Health.
- (D) Public and Business Administration, Accounting and Local Government.
- (E) Agriculture and Agricultural Engineering.
- (F) The Social Science including Communication Skills, Economics, Political Science and Sociology.
- (G) Environmental design, Architecture, Building, Urban and Regional Planning.
- (H) Law and Legal Services, Civil and Islamic Law.
- (I) Education including Planning and Administration, Vocational Technology, Library Science, Human Kinetics and Health Education.
- (J) Arts: History, Theater Arts, Languages and Archaeology.

7.3.6 Facilities

ABUCONS is housed at the second floor of the A.B.U Microfinance bank building Ltd near the Main Gate of the University Main Campus, and maintains a direct contact with departments and their human and material resources.

7.3.7 Partnerships

ABUCONS has established links with other professional service providers both at home and abroad in the execution of a variety of projects. For instance, ABUCONS (Nig) Ltd. Has a working relationship with ACHIRA CHEMIST, a major drug supply company in Nigeria and Pharmadrug, a drug manufacturing company in Germany for the execution of drug supply programmes. ABUCONS is currently discussing with international experts from England for a partnership project on monitoring and evaluation as well as training.

7.3.8.1 ABU Bookshop Limited

a. Historical background

The Ahmadu Bello University Bookshop Ltd,, was incorporated on the 9th day of December, 1966. It is currently under the supervision of ABUCONS and Ahmadu Bello University remain its sole shareholder.

The Business of the bookshop is that of Booksellers, Publishers and stationers. The operational philosophy has been and still remains quality and efficient service delivery as opposed to the sole pursuit of profit.

b. Mode of Operation

The Bookshop buys and sells books, stationeries and other materials for all Levels of education, as well as, the general public. It serves as agents for the sale of books and journals (local/foreign). The Bookshop accepts goods on sale or return (S/R) basis, but at a discount, especially, where it cannot pay on firm order basis.

c. Branches

The bookshop carries out its mandate through three designated centres namely: Main shop, located at ABU Main campus, Samaru, Kongo branch located at Kongo campus, and Kano branch, located at Federal College of Education, Kano respectively.

E-mail abubookshopltd@yahoo.com

7.4 EQUIPMENT MAINTENANCE DEVELOPMENT CENTRE, (EMDC) ABU, ZARIA

7.4.1 Preamble

The Equipment Maintenance Development Centre (EMDC), Ahmadu Bello University, Zaria established in 1990 by the National Universities Commission, has in the last two years, after re-evaluating its mandates, decided to extend its focus towards equipment development in addition to its traditional role as a centre for equipment repairs and maintenance, and manpower training.

7.4.2 Equipment Maintenance and Repairs

In this year (2015-2016), a total of thirty one (31) types of research equipment were either repaired or serviced by the Centre ranging from balances, centrifuges, microscopes to spectrophotometers and stabilizers. Breakdown of equipment repaired and the beneficiary departments/units is presented below:

7.4.3 ACTIVITIES OF EMDC IN 2016

Table. 1

S/NO	FACULTY/CENTRE/DEPARTMENT	EQUIPMENT	WORK DONE
1.	Building Department Ahmadu Bello University, Zaria	Stye2000 Compression Testing Machine	New machine Installation and Training the Staff for 3days
2.	Building Department Ahmadu Bello University, Zaria	ADR 3000 Digital Compression Testing Machine (ELE)	Reprogramming of the Machine routing Procedure and Hydraulic oil Replacement
3.	Building Department Ahmadu Bello University, Zaria	Mini Flexural and Transverse Testing Machine (ELE)	General Service
4.	Building Department Ahmadu Bello University, Zaria	Sieve Shaker Mechanical (ELE)	General Services and New Flexible Cable, 13 amp Plug

5.	Building Department Ahmadu Bello University, Zaria	500GRMS Table Top Scale (AVENY)	General Service
6.	Building Department Ahmadu Bello University, Zaria	VEBE Test Machine	General Service and Recalibration
7.	Building Department Ahmadu Bello University, Zaria	Gallempamp OVEN	Replacement the Thermostat and Plug13amp
8.	Building Department Ahmadu Bello University, Zaria	OVEN	Replacement of Thermostat & 13amp Plug General Service
9.	NAPRI SHIKA Ahmadu Bello University, Zaria	Water Birth	Replacement from Analog to digital Display and Replacement a New Thermostat, Flexible cable and 13 amp Plug
10.	Faculty of Arts Ahmadu Bello University, Zaria	2 Number of Printer	No Spare part
11.	Geology Ahmadu Bello University, Zaria	34Numbers of Microscopes	27 General Service Replace of Bulbs and Objective lens,13amp Plug Flexible cable.7 Numbers no Spare Part
12.	Office of the Registrar Sent Ahmadu Bello University, Zaria	2Number of Stabilizers	Replacements of Relays and General Service
13.	NAPRI CLSU SHIKA Ahmadu Bello University, Zaria	AUTOMATED NITROGEN DISTILLATION APPARATUS	1. The Machine is not properly Installed for good 3 Years ago.
14.	Geology Department Ahmadu Bello University, Zaria	Three numbers of Research Microscopes, One Students Microscope	General Service and Replacements Bulbs

15.	Textile Department Ahmadu Bello University, Zaria	Two Number of HYDROLIC HOT PRESSING MACHINE	
16.	Faculty of Vet Medicine Dept of Parasitology and Entomology, Ahmadu Bello University, Zaria	Table Eppendorf Centrifuge	Carbon brush General service
17.	Faculty of Vet Medicine Dept of Parasitology and Entomology, Ahmadu Bello University, Zaria	1 Low Speed Bench Top Centrifuge Model TDZ4A 3. MicroHaematocrit Centrifuge Model No 891481	1. Micro Switch Problem 2. New Transform 3 General Services .
18	Agric/IAR		
	Soil Science	AAS	Non atomization, non gas
19	Engineering A.B.U. Zaria	AAS	Non gas flow Nebulizer problem
20	Pharmacy	PH meter	General Service
21	Chemistry	Table Centrifuge	Installation
22	Multi User A.B.U Zaria	GCM-MS FTR, ICPS, AAS, GC/MS & N2 generator	Installation
23	ABUHS	No spare part	-
24	NAPRI	No spare part	-
25	Human Anatomy	Hot plate Gallenkemp	General service
26	Pharm Chemistry A.B.U Zaria	Balance Deaver APX 200	No spare part
27	Microbiology A.B.U. Zaria	ECLZA	No spare part
28	A.B.U FM	System(computer)	Formatting
29	Chemistry A.B.U Zaria	25 numbers of mettler Balance	16 numbers, 9 were repaired while 6 number there was no spare part
30	Pathology Laboratory A.B.U.TH	Top loading Balance	Recalibration
31	Civil Engineering A.B.U. Zaria	DI AVL Gauge	Calibration

7.4.4 Training Workshops

A total of 63 students drawn from school of Biomedical Engineering Technology (SBET) of the Ahmadu Bello University Teaching Hospital Shika were trained on chemical instrument maintenance during the year under review.

7.4.5 Equipment Development

Equipment development which became a new focus of the Centre in 2009 was intensively pursued. As a result, improvement was made on the previously developed **Poultry Incubator**. In addition the under-listed types of equipment were developed and test run.

- A 3.5KVA Inverter-Charger
- A digital Hot plate
- A digital Magnetic Stirrer
- Hand held Metal Detector
- A micro centrifuge
- An ambient Incubator
- An Electrophoresis Tank with power system

7.4.6 Equipment Installation

The Centre was actively involved in the successful installation of several teaching and research equipment procured by the University during the year. These are:

- i. Rotary Tab letting Machine (Manesty) at the Department of Pharmaceutics and Pharmaceutical Microbiology
- ii. Atomic Absorption Spectrophotometer
- iii. Amino Acid Analyser
- iv. Fourier Transform Infra Red Spectrophotometer (FTIR)
- v. Elemental Analyzer (CHN-O)
- vi. Differential Scanning Calorimeter

Items ii - vi were installed at the Multi-user Science Laboratory of the University.

7.5 A.B.U. MICROFINANCE BANK (NIG) LTD

7.5.1 The Services of A.B.U. Microfinance Bank (Nig) Ltd

The Bank was established in December, 1992 and commenced business as a Community Bank in July, 1993. However, pursuant to the banking reforms in 2005 by the Central Bank of Nigeria (CBN), it was converted to Microfinance Bank in March 2007. This was achieved after meeting all the CBN requirements.

The Bank is mainly owned by the Ahmadu Bello University and some of its Units with about 72% Shareholding. The remaining 28% is being held by private Investors within and outside the University.

7.5.2 Vision

The Vision of the Bank is "To be the Bank that uplifts the living standard of traders, peasants and itinerant workers".

7.5.3 Mission Statement

The mission statement of the bank is "Creating awareness for savings, granting of easy and affordable facilities, in partnership and trust through gingering the Community to develop a mind of poverty resistance, economic will for self reliance, sustenance and development".

A.B.U. Microfinance Bank (Nig) Ltd was established as a business concern with its main branch and Head Office located by the Main Gate in the Main Campus. The second branch of the Bank was opened on 3rd June 2010 and located along Murray Road in Kongo Campus. This is to ensure that the Bank explores to the fullest the potentials and opportunities that abound in meeting the financial and banking needs of the University Community and its immediate environment.

7.5.4 Products and Services

The Bank products and services are numerous, unique and designed to meet the needs of individuals and entrepreneurs alike. They cut across financial advisory services, micro-savings, micro-loans, SMEs and many others.

In banking, the fundamental goal is customers's satisfaction with the products and services being offered. This is being achieved by A.B.U. Microfinance Bank Nig. Ltd. through the numerous products/services such as:

- i. Current Account
- ii. Savings Account
- iii. Contract Financing for A.B.U. Contractors
- iv. Overdraft against Salaries
- v. Structured Loans and Advances
- vi. Tenured Deposit with attractive interest rates
- vii. Collection of Students Registration Fees through either Payeazy or Remita Platforms.

7.5.5 e-Products

The growth and development of e-products is now worldwide and A.B.U. Microfinance Bank (Nig) Ltd is not left behind. For long we have been into e-transfers where customers of the Bank can transfer to an account in any Bank. Similarly, a customer with nuban number can access funds from any Bank to hit his/her account with ABUMFB directly.

customers of the Bank are now enjoying the ATM services, so as to be able to access their funds and other banking services everywhere they go.

The Bank is presently preparing to go into signing "memorandum of understanding" with the Nigerian Interbank Settlement System (NIBSS). This is towards perfection of internet banking in which customer may be able to do his/her transaction even mobile. The Bank is online/real time.

The Bank is in working relationship with the National Agricultural Extension and Research Liaison Services (NAERLS) of the University. Under this arrangement, the Bank accepts various Farmer Groups for Agric Financing. Farmer Groups are usually screened by the NAERLS before approaching the bank. They contribute 50% of their financial requirement while the Bank advances 50% as Agric Loan.

7.5.6 Staffing/Staff Development

The staff strength of the Bank is presently 37 including the Auxiliary Staff. All are given opportunities to develop themselves through training and re-training with some undertaking part time Post-Graduate programmes. Among the staff, especially the Management Staff, there are some with about 20 years banking experience.

7.5.7 Achievements/Challenges

One of the most important achievements of the Bank was graduation from a Unit Microfinance Bank to a State Microfinance Bank. By implication, the Bank can now open branch in any part of Kaduna State. It is worth mentioning that the Central Bank of Nigeria (CBN) has given the Bank a special approval to open a Cash Centre inside the School of Basic and Remedial Studies of the University in Funtua. This upgrade means that the Bank has grown its shareholders' funds to N455,061,000 and paid up capital of N110,000,000 as at the close of business on 31/12/2015.

Another great achievement recorded by the Bank was the construction of Office Complex consisting of a two-storey building and Office building in Main Campus Samaru and Kongo respectively. Presently, ABUCONS, which is a sister company, occupies the second floor of the building in Samaru.

Usually, achievements are not met without one or two challenges and the Bank will not relent in its efforts to mitigate those challenges as they come.

7.5.8 Conclusion

In conclusion, we hereby use this medium to invite all potential Customers (individuals and Corporate alike) within and outside the University to come to the bank with their various banking needs. We assure of ultimate satisfaction.

7.6 UNIVERSITY HEALTH SERVICES (UHS)

7.6.1 INTRODUCTION

The University Health Services in this part of the world is to meet the health and medical needs of the students and their caretakers i.e. the staff of the University and their dependants. It, therefore, helps in formulation and implementation of health policies of the University, for the provision and promotion of a high standard of healthcare and the encouragement of both students and staff to have positive health attitudes through effective health counselling and education. The Health Services ensures the existence and maintenance of a healthy social environment and a hygienic physical environment, stress free and conducive to learning. It serves the entire University community and extends its services to the neighboring communities. We are responsible for both preventive and curative medical care of the entire university community. We aim towards a positive state of health.

Our University Health Services medical arm offers both routine medical care and consultantancy services.

The following curative Health Services are currently provided to a population in excess of over 100,000 with about 52,000 students and over 11,000 staff population. 300-400 new patients (all clinics combined) are seen daily with 60 – 70% students. We expect to see more than this when services improve. These activities are listed below:

- i. General out-patient services.
- ii. 24 hours in-patient services seven days a week
- iii. Accidents and Emergency services
- iv. Surgery
- v. Ambulance and referral services
- vi. Medical checkup and certification
- vii. Emergency Psychiatric Stabilization Care.
- viii. Ante-natal and Child Welfare Nutrition Services
- ix. Family planning Services
- x. Mental Health Services
- xi. Eye clinic

- xii. Dental Care and Dental Surgery
- xiii. Counseling and Health Education
- xiv. HIV and STI services
- xv. Tuberculosis clinic
- xvi. Laboratory Services
- xvii. Policy and Administrative Functions ETC.

Note that:

The coverage of services goes beyond staff and students due to lack of standard public hospital in Samaru, and the issue of extended family as it affects the University staff and RTA.

The Health Services is also responsible for public health services including the routine supervision of acceptable standard of hygiene in hostels, kitchens, houses and residential areas, disposal of waste and garbage, prevention and control of vectors/parasites and related diseases.

7.6.2 UHS VISION STATEMENT

To make our Services be at high standard where not only students and staff but the Chancellor, Pro-Chancellor, Vice-Chancellor, Registrar and other senior officers would like to go personally and happily for their health needs as it is cost effective and easily accessible to the entire University.

And also to achieve and maintain a high standard of environmental sanitation that should be made exemplary to our future leaders trained in Ahmadu Bello University which will help them in promoting similar standards elsewhere, even in the villages and towns where they will later work.

7.6.3 LEVEL OF PERFORMANCE IN THE LABORATORY

The UHS has effective Laboratory facilities for the conduct of thorough investigations on patients. The laboratory works are arranged according to the nature of investigation that is to be carried out as follows:

- a. HAEMATOLOGY: Include bleeding, film making, staining of films, MPS, MF, WBC, PCV and differential count.
- b. IMMUNOLOGY: Widal test, blood group, PT, VDRL, Hepatitis, HIV Screening.
- c. PARASITOLOGY: Urine microscopy and analysis, stool microscopy, occult blood test.
- d. MICROBIOLOGY; Culture and sensitivity on specimen like urine, HVS, Sputum, pus, Ear Scrab.



7.7 CENTRE FOR BIOTECHNOLOGY RESEARCH & TRAINING

7.7.1 HISTORICAL BACKGROUND

The Centre for Biotechnology Research and Training, Ahmadu Bello University, is located at the Main Campus of the University at Samaru, Zaria.

It started as the Biotechnology Research Project of Ahmadu Bello University, Zaria which was initiated when a letter was sent to the Sole Administrator, Major General Mamman Kontagora (Rtd) on 9th March, 1997 on the need for Biotechnology Laboratory at Ahmadu Bello University. The letter was signed by Jacob Kwaga on behalf of S. Ibrahim, U.S Abdullahi and David Ogwu. The proposal was approved in principle by the Sole Administrator on 11th March, 1997.

Effectively, Professor J. K. P. Kwaga was appointed Coordinator of the Project in 1999. The Project's secretariat (office) then began temporarily in Department of Veterinary Public Health & Preventive Medicine, on 17th October, 2000 with Mr.

S. K. Yashim as Secretary to the Coordinator. The project office finally moved to its present permanent site in February, 2004.

Professor A. J. Nok took over as Coordinator in February 2002, when Prof. Kwaga was appointed Deputy Vice Chancellor, Adamawa State University. Prof. Nok worked hard and successfully completed the Biotechnology Research Project, which was commissioned by the Central Bank of Nigeria (CBN) Governor, Chief (Dr) Joseph O. Sanusi (*COM*) on the 10th May, 2004 and the project was renamed "***CENTRE FOR BIOTECHNOLOGY RESEARCH AND TRAINING (CBRT)***". The CBN Governor was so impressed with the efforts of Prof. Nok and the research facilities in place that he donated additional N10 million to the Centre after the initial donation of N25,000,000. After four (4) months of commissioning, Prof. A. A Ahmad took over from Prof. Nok as Coordinator in August, 2004, followed by Dr. S. Ibrahim in August, 2005. Professor A. J. Nok became the Director of the Centre from 2007 to 2012. Professor Junaid Kabir was Director from 2013 to January 2017. Professor H. M. Inuwa is now the Director of the Centre.

7.7.2 CBRT'S MISSION/OBJECTIVES

The Centre was established with the following objectives:

- Management of CBRT to actualize mission of the Centre as highlighted below:
- Provide training facilities in molecular biology techniques to postgraduates and post-doctoral Level students.
- Conduct basic and applied research in the areas of Medical, Agricultural, Pharmaceutical, Veterinary and other life sciences.
- Provide molecular diagnostic facilities for Ahmadu Bello University Teaching Hospitals, Veterinary Teaching Hospitals, and other referrals.

- Provide full complement of equipment and facilities for teaching and research in the areas of recombinant DNA technology, Cell and Tissue Culture and Immunology.
- Enhance overall research capacity development and state of the art laboratory in molecular techniques for University and regional manpower development.

The Centre has highly trained scientists who have had training in the United Kingdom, Germany, Japan, United States of America, France, Canada, India, etc.

The Centre has five laboratories with state of the art facilities. Also, it has a conference room, and library with internet facility installed.

7.7.3 COLLABORATION/MoU

The Centre for Biotechnology Research and Training, Ahmadu Bello University houses the Regional Head Office of the North West Zone of the National Biotechnology Development Agency (NABDA) Abuja. The office is the Headquarters of all the Biotechnology Centres of NABDA within the North-West Zone. The University has a Memorandum of Understanding (MoU) with NABDA, from which, in the past, the centre received subvention. Presently NABDA has stationed some of its staff in the North-West Office of the Centre.

Apart from NABDA, the Centre also houses the Africa Centre of Excellence for Neglected Tropical Diseases and Forensic Biotechnology.

As earlier indicated, the Centre at the initial stage enjoyed financial support from the Central Bank of Nigeria. It was also supported by Carnegie Corporation of New York.

Undergraduate students of some institutions of higher learning visit the Centre to use its facilities from time to time.

The Centre actively seeks for collaborations with agencies and institutions within and outside the country which have direct or indirect involvement in biotechnology activities.

7.7.4 STAFF DEVELOPMENT

The Centre has highly trained Scientists who, as already indicated, have had training in the United Kingdom, Germany, Japan, United States of America, France, etc. Virtually all the Technologists in the Centre are now undertaking M.Sc. & Ph.D Programmes.

Apart from training of its staff, the Centre also trains staff of departments of the University and other institutions. It conducts Basic Recombinant DNA Technology Training from time to time. It has in recent times conducted training for staff not only in DNA but also in aspects of PCR, Protein Protocol, ELISA and Electrophoresis. So far, it has trained over 167 scientists from various institutions.

7.7.5 STAFFING

The Centre is headed by a Director, who is appointed by the Vice-Chancellor. It has an Administrative Secretary, Technologists, an Accountant, a Librarian, secretarial and other categories of staff.

7.7.6 EQUIPMENT

At the moment the Centre has some of the state of the art equipment which include PCR machines, Min-Blotter, Gel-Electrophoresis machines, DB-Spectrophotometer, Gel-documentation unit, Elisa Machine, DNA sequences [manual], etc.

Some of the current needs of the Centre include:-

Protein N-terminal sequencer HPLC, GC-MS ABS-Prism DNA sequences etc.

7.8 PHYSICAL PLANNING AND MUNICIPAL SERVICES (PPMS)

7.8.1 Brief History

The PPMS Department was established in 1962 to provide in-house engineering and technical services to the university. It was responsible for the physical Planning, development, acquisition and management of infrastructural facilities of the university. The infrastructural facilities include; academic buildings, staff housing, student hostels, electricity, water, transport and telecommunication services. Emphasis was placed on rehabilitation and maintenance of physical assets. However, in the 1970s, the National Universities Commission [NUC] directed the creation of a separate Department of Physical Planning and Development for the implementation of the Master plan of the University. The two were later merged into one department. The Estate Department has undergone series of re-organizations since 1987. In that year, its structure was altered and was administered by a Committee. Due to the re-structuring Process, the operations of the Department were conducted through a Task Force system.

7.9 DIRECTORATE OF ACADEMIC PLANNING & MONITORING

The Academic Planning Unit was established in 1988 to meet the requirements of the National Universities Commission (NUC) with the view to discharge the following responsibilities:

- i. To serve as a liaison unit with NUC in planning related matters, budgetary allocations, provisions, and analysis.
- ii. Collation, collection, analysis and application of statistical data from within and outside the University in formulation of University plans and policies;
- iii. Preparation of budgetary documents for the yearly budget hearing at NUC Abuja;
- iv. Sending applications and documents to NUC for approval to run programmes and accreditation of the programmes.
- v. etc

The Unit is in constant contact with the PPMS Unit in order to meet University current and academic programmes needs. Also, the Unit is in frequent contact with the Bursary Department on Budget development and estimates. Frequent contacts are also maintained with the Library, ICICT and EMDC. The Unit is headed by a Director.

7.10 STUDENTS AFFAIRS DIVISION

This is one of most important organs of the University administration. It was previously a Unit in the Office of the Vice-Chancellor. However, due to the Increasing complexity in students' discipline, control and management, it was upgraded to a Division headed by a Dean and two Deputy Deans – one each for the two Campuses of the University. The objective of creating the Division is to facilitate effective co-ordination of students welfare and discipline in the University.

7.10.1 Welfare of Students

Management of Students' Hall of Residence: The University has several blocks of hostels on both campuses for both male and female students. These halls of residence are supervised by Hall Administrators. The Administrators co-ordinate the rooms and bed spaces and the regular maintenance of these halls. Residence accommodations are made in accordance with the laid down guideline, fees are charged per bed space and a fixed amount is also charged as Hotel Maintenance fee. However, these fees are subject to review by the relevant University authorities. **Hall accommodation is not a right but a privilege.** The University cannot provide resident accommodation for all its teaming student population.

Residents are also bound by certain rules and regulations. Alcohols narcotics, toxic chemicals and weapons are prohibited in these hostels.

7.10.2 Provision of Recreations

A variety of recreational and sporting facilities are provided by the University. e.g. the tennis courts, football pitch, basketball courts etc. There is also a standard athletic tract and a fantastic indoor sports complex with various

sporting facilities. The University's sporting facilities have enjoyed wide patronage from private organizations in the State and outside it.

7.10.3 Students' Discipline

Students are a special kind of human beings. Their background, orientation and behavioural conduct sometimes conflict with the acceptable norms and values of the society and, in particular, the university's cherished ideals. To ensure understanding and respect for one another in the conduct of their activities, the Students Affairs Division has outlined the necessary requirements for good conduct of students. Students' personal and interpersonal problems are adequately taken care of by the Students Affairs Division. The Students Affairs Division, in collaboration with other relevant bodies in the University, also ensures that students' conducts are in conformity with the laid down regulations of the University. The University is credited as the most peaceful campus in the country. The conducive atmosphere for learning created, ensures discipline and peaceful co-existence among the diverse students drawn from across the country and beyond and of different cultural backgrounds. The Student Affairs Division is determined to, at all times, sustain this condition.

7.10.4 Career Guidance

This Section gives Career Guidance to individual students of Ahmadu Bello University. It also liaises, with both Federal and States Ministries of Education on the provision of scholarship and Bursars. The Unit also assist students to in processing arranging for interviews. Matters pertaining to assisting students to secure jobs, and processing of N.Y.S.C postings for final year students are, in addition, handled by the Section.

7.10.5 Co-ordination of Student Activities

The Student Affairs Division co-ordinates and regulates all student organizations and activities on the campuses. The Students' Union, the umbrella organization of the students in the University is supervised by the Student Affairs Division. The Students' Union is the most vibrant organization in the University. It conducts its activities in an open democratic manner. It relates with other organs

of the University on student matters. Besides, the Students' Union, students are allowed to organize and form clubs, associations and societies in accordance with the provisions of the University laws. The associations are also allowed to publish

magazines and journals. However, obnoxious publications are prohibited by the authorities. All publications are monitored by the Student Affairs Division.

7.11 SECURITY DIVISION

7.11.1 Introduction

Ahmadu Bello University, (ABU) Zaria, provides a life-time opportunity for the educational, moral and psychological development of its students. This is because in addition to its attractive and quality academic programmes, vibrant social, spiritual and recreational activities, the University is large in size; its structures, procedures and mode of operation are complex while its staff and students composition is diverse.

7.11.2 Vision

Our vision is to consistently, through aggressive patrols, meticulous supervision and application of physical security measures, provide a safe and secure environment conducive for learning and research in A.B.U. Campuses now and in future.

7.11.3 Mission

Our mission is to provide a safe and secure environment for students, staff and campus visitors. In line with the Division's mission, we shall continue to pursue this mission through a community friendly approach, aggressive patrol, monitoring of our critical infrastructure and crime prevention and awareness programmes. We also collaborate with external security agencies and various community organizations in fulfilling our mission as may be directed by the Chief Security Officer (CSO).

7.11.4 OBJECTIVES

Our objectives are:

- a. To ensure the safety and security of A.B.U. community and her immediate environment.
- b. To address A.B.U. Security needs.
- c. Prevention of potentially violent situations through good intelligence.
- d. Address and coordinate safety and security strategies with other security agencies in Zaria.
- e. To be a model and trainer to other Universities' security out fits.

Given its two Campuses located in the sprawling suburbs of Samaru and Gyallesu, Institutes and Centres up to Kabba in Kogi State and, the fact that about 60% of the institutions students and staff and their families live on Campus, the University is a municipal entity; it is a complex society in its own right. This is why order, safety and mutual respect are paramount to its stability, productivity and smooth operation. Security is thus an important component of University life as well as a pillar to the attainment of its teaching, research and community service functions.

From a strategic security point, staff and students on the Campuses of ABU should be able to pursue their mission of training, knowledge-acquisition and character-building in a serene (calm and peaceful), homely and secured environment without fear, harassment and other security concerns. In this regard, the Security Division strives to ensure the safety and security of all students, employees and visitors. Hence the operations unit, being the operational hub of the Division is saddled with this responsibility.

In general, the Campuses of Ahmadu Bello University are very safe. As human environments, however, they are not immune from occasional, day-to-day problems and crimes. Thus stealing, assault, criminal trespass, criminal breach of trust etc. occur from time to time. But the occurrence of such serious crimes as murder, armed robbery, rape and organized crimes are very rare. However, it is

still necessary to take adequate precautions against them for now and in future.

7.11.5 The A.B.U. Security Core Values:

The core values of the A.B.U. Security are: **Knowledge, Integrity, Professionalism** and **Excellence** (KIPE).

a. Knowledge: Good intelligence, judgment and common sense form the fundamental basis for all decisions pertaining our commitment in providing a safe and secure environment for students, staff and campus visitors. Our philosophy is, therefore, **action through knowledge.**

b. Integrity: The A.B.U. Security shall perform its duties within the ambit of the law and in accordance with professional code of ethics. It shall thus strive to deliver quality services through friendly, fair and firm approach.

c. Professionalism: The mission of the A.B.U. Security is to provide a safe and secure environment for students, staff and campus visitors. In addition to our role in keeping the campus community safe, the A.B.U. Security Officers are trained to assist in various services including but not limited to security escorts to campus employees and visitors, responding to fire outbreak, security and emergency alarms and taking report on any incident that occurs on campus property.

d. Excellence: To use the best global practice in security management to achieve our primary goal which is to **protect life**

and property.

7.11.6 Services of the Security Division

The University Security Services falls within the Office of the Vice-Chancellor. It is located beside ABUCONS building. The Division has its Headquarters at Main Campus and there are units in all the institutes.

The Security Division of A.B.U. renders but is not limited to the following services: -

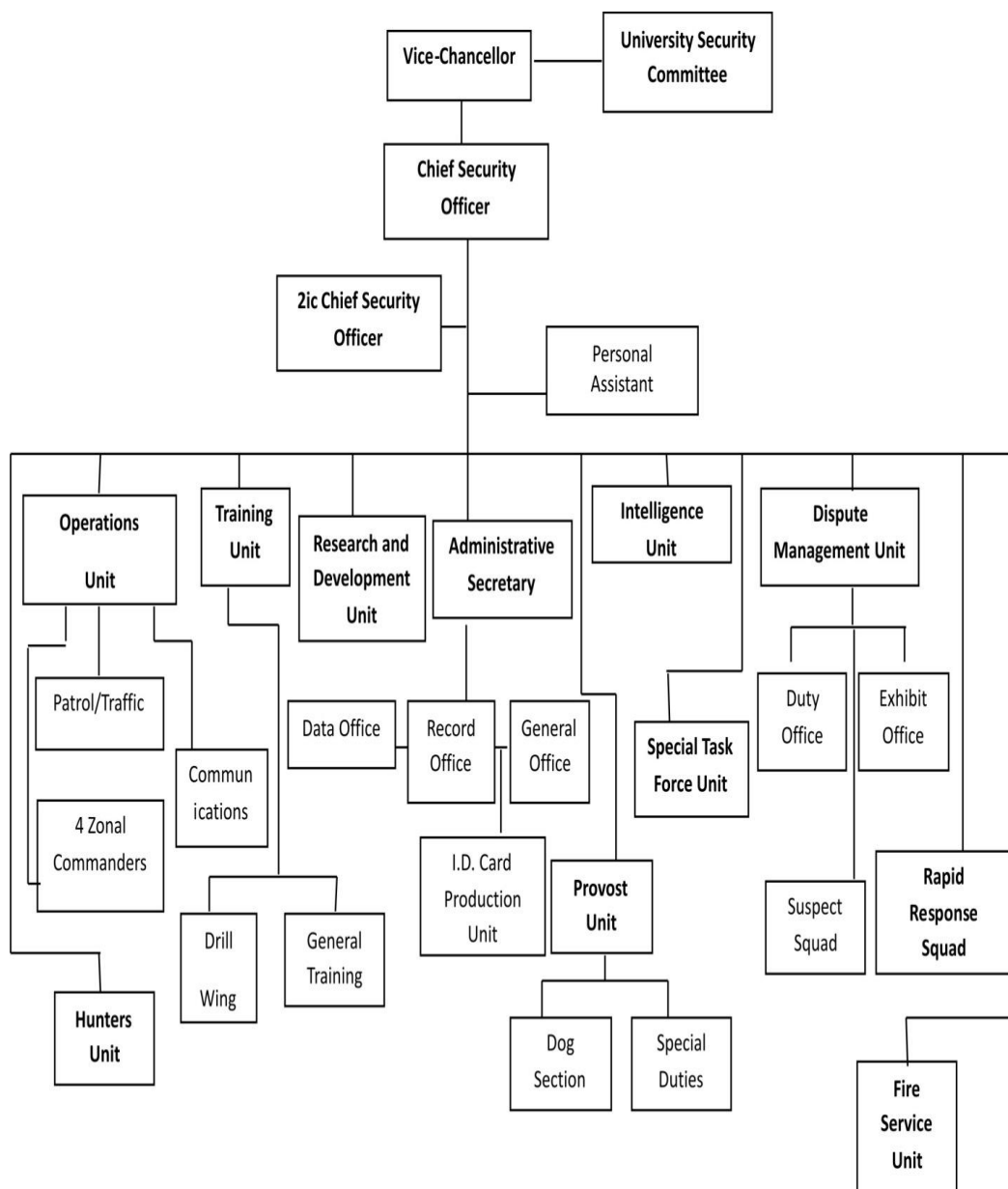
- i. Issuance of I.D. card to all members of the university community. The importance of I.D. card to staff can never be over-emphasized.
- ii. Enforcement of rules and regulations made by university.
- iii. Security unit deals with complains from both staff and students of the university. The Division intervenes in disputes arising between parties concerned within the university community only. We also investigate complains of criminal cases.
- iv. Taking lawful and temporary custody of private property and release same when desired by the owners. Seize stolen items or ones suspected to be stolen and restore the rightful owners on proper identification.
- v. Fighting fire and its spread within the campus and staff quarters.
- vi. Prevention of crime and apprehension of offenders.
- vii. Covering of management, staff and students' activities such as convocation, matriculation, meetings and approved social gathering.
- viii. Provision of cars' stickers to both staff and students for easy identification.
- ix. Prevention of accidents within the university campuses through well organized traffic control.
- x. To prevent and detect all forms of damage and waste within the university.
- xi. We control senate and departmental keys.
- xii. We guide genuine visitors who may find it difficult to locate staff houses within the university quarters.

- xiii. Protection and traffic control of designated parking spaces.
- xiv. We control stray animals and prevent grazing within the university premises and quarters.
- xv. We prevent hawkers and beggars from having access to offices and quarters.
- xvi. In conjunction with the University Health Services, we monitor and ensure that the food sold within A.B.U. is prepared in a hygienic manner to avoid a situation where staff and students may eat poisonous food.
- xvii. Maintenance of law and order as well as the sustenance of peaceful atmosphere that is conducive for the pursuit of academic activities and staff productivity.
- xviii. Protection of lives and property and ensure that crime rate is brought to a manageable proportion.
- xix. We gather intelligence reports on criminal activities and carry out investigation.
- xx. Effective patrol of the campus to prevent and detect crimes.
- xxi. We provide Security Band for approved events and ceremonies within the university campuses.
- xxii. We provide security tips to staff and students especially during crises situations.
- xxiii. We arrange for escort duties for both students and staff when the need arises.

It is important to note that the services of the Security Division are provided on a 24-hour basis. Therefore, all information, complaints and other security related problems should be promptly reported to the Security Sub-Unit offices or the Security Headquarters.

Table 1 Organogram of the Security Division

ORGANOGRAM



7.12.0 DIRECTORATE OF UNIVERSITY ADVANCEMENT (DUA)

7.12.1 BRIEF HISTORY OF DUA

The Directorate of University Advancement started as the Planning and Resource Mobilization Unit (PRMU) alias Development office in line with the proposal submitted to the Carnegie Corporation New York in 2002 for a takeoff fund. Additional funding support was also sought from MacArthur Foundation, Chicago, USA for strengthening the office. The approval of these grants culminated in the review and restructuring of the office under the auspice of Council for Advancement and Support for Education (CASE), New York, thereby harmonizing the then two independent units (i.e. Alumni Office and Development Office) into the present day Directorate.

7.12.2 Mission, Philosophy, Objectives and Strategies

a. VISION

The Directorate of University Advancement (DUA) shall be a foremost fundraising organ in order to enhance the funding base and performance of Ahmadu Bello University, to access cutting edge technology and research so as to deliver services to its stakeholder groups (students, staff, host community, Nigeria and the world at large).

b. Mission

The mission of the Directorate of University Advancement is 'to facilitate the sustainable attainment of the primary goals of teaching, research and community service through building greater relationships with alumni and friends of Ahmadu Bello University, and establishing mutually beneficial relationships with donors and partner organizations'.

d. Objectives

- i. To build an integrated alumni, development and communications function that will advance the university's goals
- ii. To develop comprehensive alumni database, establish and cement relationship with alumni, others stakeholders and friends of the University.

- iii. To source support and partnership for the development priorities of the university.
- iv. To establish and manage fund raising apparatus of the University.

7.12.3 VALUES/CORE PRINCIPLES

At Ahmadu Bello University, philanthropy is a practice of giving and sharing that is integral to the maintenance and enhancement of the quality of education both today and for the future. To ensure that Ahmadu Bello University, as a medium through which donors and philanthropists merit the respect, trust and confidentiality of the University's alumni and friends, we declare that all donors and prospects have the following rights:

a. Transparency and Accountability:

- i. To be fully informed, upon request, of Ahmadu Bello University's Vision and Mission, and the way in which the gift collected will be utilized as a central part of fulfilling both the Vision and Mission as well as meeting the mutually agreed objectives for which the funds were given.
- ii. To be assured that their donations and all forms of charitable gifts are used effectively for the purpose as specified by the donor, or where such purposes are no longer practicable or appropriate, that the University promises to use the gift in a manner consonant with the intention of the donor and the spirit in which the gift was given.
- iii. To be provided with prompt, truthful and forthright answers about any aspect of their gift.

b. Consultation

- i. To be fully advised upon request, of the membership of the various boards and committees which govern Ahmadu Bello University and to exercise prudent judgment in its stewardship responsibilities.
- ii. To be provided with, upon request, a copy of Ahmadu Bello University's most recent annual report, financial statement and investment policies as approved by the Governing Board.
- iii. To be informed whether those seeking donations are volunteers or employees of the Ahmadu Bello University.

c. Stewardship

- i. To be given appropriate acknowledgement and recognition for their generosity.
- ii. To expect that all information about their donation or intended donation be handled with professionalism, respect and confidentiality and in a manner equal to and ideally, above that required by the law.

d. Respect

- i. To expect that their requests for anonymity is strictly observed.
- ii. To have the opportunity to request that their names be removed from mailing lists that the University may intend to share.

7.12.4 Mode of operations

- Mandate of the unit

7.12.5 The Role of DUA

Conscious of the drastic cut in government funding of Higher Education in Nigeria, Ahmadu Bello University faces the reality that in order to continue to be viable it needs to raise funds. Even if grants or tuition fees finance a certain percentage of its programmes, eventually these funding sources may change or dry-up altogether. To fulfill the mission of the University, it has embarked on building an integrated advancement programme.

Each unit of the Directorate of University Advancement has a specific role to play:

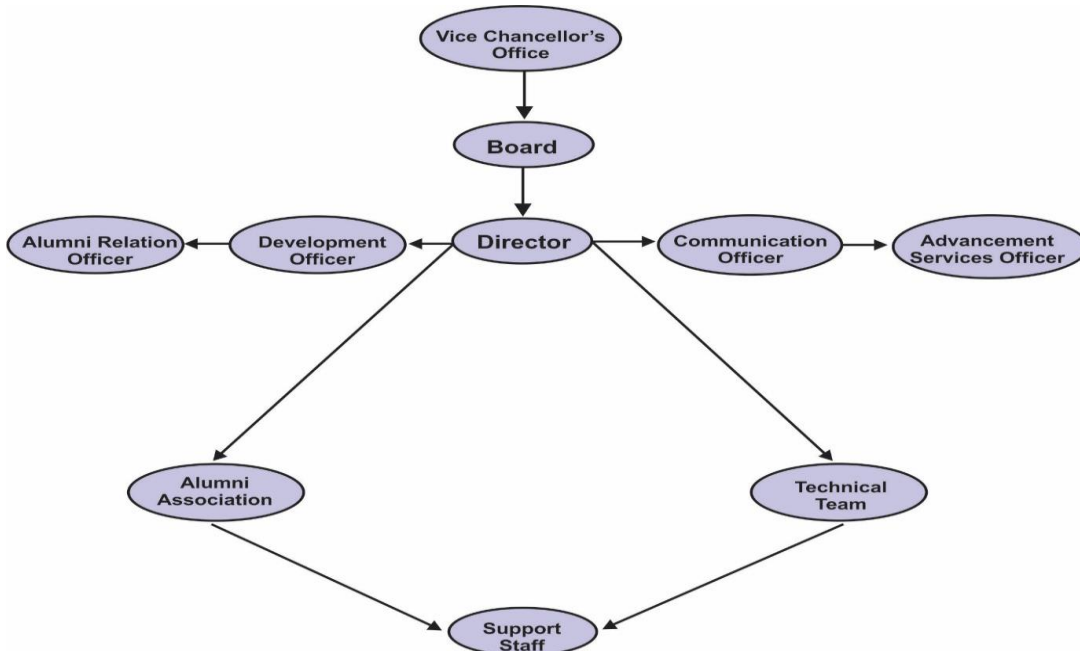
- i. Alumni Relations: to build meaningful relationships with key stakeholders
- ii. Communications: to communicate the university's successes and aspirations to both the internal and external stakeholders
- iii. Development: to take the established relationships with stakeholders and seek their financial and non-financial support
- iv. Advancement Services: to provide behind the scene support for all areas including database management, potential donor research and financial recording and stewardship of gift.

a. GOALS

- i. Promote an understanding of the role and activities of the University Advancement in the University system.
- ii. Cultivate relationships with net worth alumni and friends of Ahmadu Bello University.
- iii. Strengthen the communication apparatus of the Directorate.
- iv. Enlarge Directorate database to support DUA's activities
- v. Strengthen activities of Alumni Association by liaising with branches
- vi. Develop capacity of staff of the Directorate for optimum performance
- vii. To coordinate the fundraising structure in the University (Streamline funding activities for the benefit of the University
- viii. To promote the culture of giving among alumni and staff of Ahmadu Bello University.
- ix. To collaborate with national and international corporate bodies.
- x. To develop a strong stewardship tradition among the University Management.

Table 1: Organogram of DUA

ORGANOGRAM OF THE DIRECTORATE OF UNIVERSITY ADVANCEMENT



SITUATION ANALYSIS

SWOC Analysis

i. Strengths (Internal)

Institutional Memory – The Directorate is the result of a merger between Development and Alumni Offices. It therefore began its operations with some knowledge of University issues to take forward.

Conducive working environment.

Well-furnished staff offices with ICT capabilities.

The Directorate has secured funding for its activities from the University Administration.

Existence in a first generation University with tested traditions

A large percentage of staff are Alumni and offer potential for the University's development.

A large population of students who would become future alumni.

Robust ICT infrastructure

Good Source of IGR

Dedicated pool of staff

Robust Alumni database

The Directorate is semi-autonomous

The Directorate has web presence

ii. Weaknesses

Low awareness of the presence and duties of the Directorate by majority of the members of the University community.

Inadequate staffing.

Unstable industrial climate due to strikes.

Poor power supply.

Lack of vehicles for mobility.

Inadequate training of staff.

Uncoordinated fundraising and resource mobilization within the University.

Lack of synergy between the Directorate and other units of the University.

Lack of database for Alumni in diaspora.

Inappropriate composition of the governing board.

Weak linkage with alumni.

Lack of synergy among staff.

Worry over autonomy by staff of DUA.

iii. Opportunities (External)

Well-placed Alumni in Government and business positions

Directorate known and highly respected by International agencies.

A strong National Alumni Association with which it collaborates.

International linkages and collaborations with the University.

Existence of Directorates of Advancement in other universities to collaborate with.

Large number of alumni in the diaspora.

Promising potential for donations from the private sector, philanthropists and international organizations.

iv. Challenges/Threats

Poor tradition of charity/philanthropic giving by well-endowed Nigerians.

Uncoordinated fund-raising activities within the University.

Proliferation of universities within the catchment area.

Prevailing insecurity in the nation.

Declining economic fortunes of Nigerians.

Inadequate subvention from the Government.

Conflict of loyalty to Alma Maters.

Increasing lack of sympathy from the Nigerian public toward the university system.

7.12.6 NEEDS OF THE DUA

Increase visibility of the Directorate.

Synergy of operation between the DUA and other units of the university.

Coordinated fundraising structure in the University.

Increase in the funding base for the university.

Capacity building of the Directorate staff.

Establishment of linkages unit in the Directorate.

Vehicles to ease movement.

Development of database of alumni in the diaspora.

Acquisition/development of professional fundraising software.

Additional staff across units.

Strengthening of Alumni branches.

Increasing communication with alumni.

Reviving of Faculty Advancement Officers.

7.12.7 THE CHALLENGES:

Dwindling government funds & support.

Growth & expansion of the University brought about by population increase & demand pressure.

Depreciation of infrastructures caused by wear & tear, inadequacies, obsolesces, etc.

Unsustainable revenue generating capacity of the University occasioned by poor & unstable economic condition, such as low per capita income, inflation, volatile foreign exchange, and occasional industrial action by Staff & Student.

Relevance to the 21st century challenges and the emerging fiercely competitive higher education market place.

These challenges clearly convinced the University's Management of the urgent need to established a Planning and Resource Mobilization Unit (alias Development Office) in line with happenings across the Globe, under the tutelage of the Vice Chancellor to "create capacity of expanding the resource base of the University by building requisite skills for identifying and accessing strategic resources geared to promote the development in the University". Thus, developments at National and Global Levels pose new challenges, which necessitate the University to seek support from Donor-Investors across the Globe. Thus, to fulfill the mission of the University, it has embarked on building an integrated advancement programme.

7.13 INSTITUTE OF COMPUTING & INFORMATION AND COMMUNICATION TECHNOLOGY (ICICT)

Introduction

This report is a brief on the Institute to the Academic Brief, as requested.

Brief on ICICT

Towards achieving its vision of providing cost-effective, efficient and world-class Information Technology services, the University Management proposed the merger of the former ICT Directorate and the Iya Abubakar Computer Center into a single entity called the Institute of Computing & Information

and Communication Technology (ICICT). ICICT's creation was approved by the University Governing Council at its 150th meeting of June 25, 2013.

The ICICT is mandated to

- i. Develop ICT and information security policy for the University.
- ii. Develop an expansive computing infrastructure that supports ICT services needs of the University
- iii. Develop ICT technical support for high quality teaching, learning, research & administrative activities
- iv. Develop adequate and competent manpower required to provide quality support services
- v. Identify, develop and maintain software applications for efficient and effective execution of operational processes of the University
- vi. Coordinate acquisition, installation, maintenance and decommissioning of computing facilities in the University
- vii. Establish and maintain rich Web resources that ensure easy and wide access to the University
- viii. Establish linkages, partnerships and collaborations with IT organizations and industry
- ix. Conduct applied research & promote commercialization of research results
- x. Assist in the teaching functions of the University
- xi. Provide training in ICT proficiency, professional certification and other relevant courses at various Levels
- xii. Improve the University's IGR through ICT

The Institute runs long-term and short-term courses as follows.

Long-term courses (Two Year Duration)

- a. Diploma in Computer Science
- b. Diploma in Computer Engineering

Short-term courses (Three Weeks to Three Months)

- a. CCP (Certificate in Computer Packages)
- b. SPSS (Data Analysis in Statistical Packages)

- c. AUTOCAD
- d. Hardware Maintenance
- e. WEBSDAD (Web Site Design and Development)
- f. 3D Modeling
- g. CISCO Networking Academy Courses

In addition to the day-to-day maintenance and support of the campus network infrastructure, hardware maintenance, portals usage and usage of other software applications, the Institute has recorded the following achievements during the 2014/2015 session:

- i. Training in ICT Proficiency.
- ii. Conducted a series of digital competency workshops for staff of Registry, Bursary and other departments. There were also workshops for lecturers on MOODLE, for examination officers on ExamsLOGIC and for Deans and HoDs on the use of University staff portal.
- iii. Assistance with teaching.
- iv. Twelve staff of the ICICT are dedicated fully to the teaching of COSC101, a basic Digital Competency course for 100 Level students. The course is offered during both first and second semesters of every session.
- v. Web site development and maintenance.
- vi. Assigned Web Master to all faculties and some Institutes and Centers to facilitate creation of rich Web resources for all Units of the University. Planning to launch a series of Staff Web Presence Training (SWEPT) programmes to empower staff develop their personal web sites in a straight forward do-it-yourself manner.
- vii. Laboratory development.
- viii. Renovated and expanded the capacity of the existing lab for CISCO Networking Academy, using ICICT's share of its IGR. This will enhance revenue generation from the CISCO Networking Academy programmes.
- ix. Computer-Based Test and Examination Service.
- x. Conducted of CBT assessments for various courses from different departments totaling over twenty nine thousand students. Monetized using JAMB's rate of ₦600 per candidate, this amounts to over ₦17m.
- xi. CBT Entrance Exam for SBRS, Funtua.

- xii. Conducted 2015/2016 pre-entry screening test for about 3,300 applicants to SBRS Funtua. Monetized using JAMB's rate of ₦600 per candidate, this amounts to about ₦2m.
- xiii. On-going project.
- xiv. Sourced a 250-seater CBT Center for the university. Construction has reached linter-Level as at January 2016.
- xv. Internally-Generated Revenue
- xvi. Provided two centers for conduct of JAMB's UTME CBT Examinations 2015 which took place between April 10-14. We generated about ten million naira (₦10,000,000) for the University from this.
- xvii. Conducted a pre-employment CBT Aptitude Test for the Nigeria Immigration Service from April 20-24, 2015. We generated about five million naira (₦5,000,000) for the University.
- xviii. Generated about twenty seven million naira (₦27,000,000) in IGR from our Diploma programmes for the 2014/2015 session.
- xix. Software development consultancy for the National Water Resources Institute (NWRI), Kaduna and Kaduna State University. These projects total about thirteen million naira (₦13m).
- xx. Conducted 2015/2016 Post-UTME screening test for the University, exclusively using our staff and resources, realizing over sixty million naira (₦60m) for the University.
- xxi. Conducted training workshops for staff of Federal Polytechnic, Mubi, on Oct. 9-23, 2015, realizing three million three hundred and twelve thousand naira for the University.
- xxii. Generated about ten million naira (₦10m) in 2015 from the short courses we ran in the Institute.

7.14 DISTANCE LEARNING CENTRE

7.14.1 INTRODUCTION

The need to commence Distance Learning in ABU has been a product of internal demands initiated by the School of Postgraduate Studies as well external agitations by some alumni as exemplified at the 50th anniversary by Mallam Adamu Fika in his lead paper to mark ABU's golden jubilee where he said *"ABU should consider developing an effective Distance Learning System that deploys modern communication facilities and online tutorial to impact functional*

knowledge to the millions who may not be able to enroll on its regular campus-based programmes”.

Annually, an average of 13,000 applicants apply for various postgraduate programmes in the Ahmadu Bello University, although about 70% of these are often qualified, less than 5, 000 are usually admitted due to the limitation of on-campus facilities. The situation is even worse with the undergraduate programmes where about 30,000 applicants to Ahmadu Bello University usually score the minimum JAMB requirement of 180 points. However, only less than 10,000 of these can be admitted due to the same reason. It is thus obvious that ABU has not been able to satisfy the demands for those interested in obtaining its degrees.

It has also been noted that Nigeria has been credited to be among the countries with the highest number of students studying abroad with about 71,000 studying in Ghana alone and paying not less than 155 billion Naira as tuition annually. ABU should take advantage of this opportunity to increase its relevance as well as revenue base. In an on campus model “there are obviously limits to how many additional students can be admitted without negatively impacting on quality. The Europe Africa Quality Connect Evaluation Report concluded that ABU has obviously curtailed its capacity to generate any additional income by means of enrolling additional students. The need to explore other options of delivery and student enrollment is thus obvious.

The Distance Learning Centre (DLC), ABU was thus designed to be creative and bring on board exceptional services that would enhance its efficiency and the image of the University in general.

Mission

The mission of the Distance Learning Centre is to ensure qualitative, accessible and timely delivery of approved academic programmes to its students without distinction based on geographic location, race, sex, religion or other affiliations.

Philosophy

To radically proffer an alternative but robust delivery model for Ahmadu Bello University degrees and other qualifications in line with Universal ODL best practices (access, flexibility and lifelong learning).

Objectives

The principal objective of the Ahmadu Bello University in establishing a Distance Learning Centre is to put in place an administrative structure responsible for the coordination and delivery of its proposed Distance Learning programmes at both the undergraduate and postgraduate Levels. DLC is a primary requirement of the National Universities Commission (NUC) for commencement of Distance Learning by any institution.

Strategies

Pioneering Role

The ABU DLC has pioneered e-Learning in the Ahmadu Bello University. It has of recent been saddled with the responsibility of hosting and coordinating the ABU e-Learning Project.

Diversity of Staff and Students

Staff are drawn from all six geopolitical zones of the country. Our students are currently distributed thus:

South West = 580 students

South South & South East = 62

North Central = 385

North East = 46

North West = 42

Total = 1,115

Dynamic Leadership

The day to day administration of the Centre is undertaken by the Management which comprises of the Director assisted by three Deputy Directors, a Secretary, Unit, programme and Section Heads.

Size and Physical Facilities/Environment

The Distance Learning Centre of the Ahmadu Bello University is currently located in the Ahmadu Comassie Building (formerly ABU Bookshop) on the Main Campus.

Utility Services:

The DLC location shall be well equipped and furnished with all amenities like pipe borne water, regular power and back-up power sources.

Logistics and Facilities:

The DLC comprise of:

- i. Offices for the Director, Deputy Directors, Secretary, Secretariat and Departmental Heads, Information, advice and counselling officers, Sectional Heads, staff etc.
- ii. An 50 seater capacity e-library
- iii. 500 capacity CBT Centre.
- iv. A video conferencing facility.
- v. A resource centre in each geo-political zone.
- vi. Vehicular/Logistic support (Course Material delivery)
- vii. Warehousing facilities for electronic and hard copies of Course Materials.

Liberal Learning Environment

DLC students being distance learners are virtual. The need to develop elaborate on campus learning environment does not exist. Extensive support to facilitate online delivery however exists.

Government Ownership and Funding

ABU DLC being a part of the Ahmadu Bello University is owned by the government of the Federal Republic of Nigeria. Unlike other public Universities or Units of the University, however, it is autonomous and self-funding. The unit is thus responsible for generating resources to maintain itself, expand and cater for staff emoluments.

Internal Revenue Base

Only the Master in Business Administration (MBA) is currently deployed by the DLC. Its revenue base is thus very limited. It is however projected that if the NUC approves the four Undergraduate programmes currently before it for consideration, the revenue base of the Centre shall improve significantly.

External Aids

The Centre currently does not benefit from any external aid. Several proposals have however been made for grants to assist the Centre develop its permanent site.

Community Oriented Services

The management of DLC has been involved in several education advocacy programmes which include education open days in Ibadan, Port Harcourt, Kano, Abuja and Kaduna. Several radio programmes towards this advocacy

Functional/Specialized Library Services

The DLC has a specialised library due to the nature of its students which comprises of:

- i. Book Unit
- ii. Offline e-Resource Unit
- iii. Online Library Unit

Staff Involvement

Staff are involved in the management of the DLC by their participation in meetings and indeed their headship of various units of the Centre. Some of these meetings are:

- i. DLC Principal Officers Meeting (as necessary)
- ii. DLC Management Meeting (monthly)
- iii. DLC General Staff Meeting (quarterly)

Staff Development

Academic Staff

Academic staff in the Centre are expected to participating in:

- i. Pursuance of postgraduate trainings at Master and Doctoral Levels.
- ii. Undertaking Certificate or Diplomas in Distance Learning/Education
- iii. Attendance at conferences and workshops
- iv. Short time in-house and external trainings on courseware development and deployment.

ACADEMIC PATTERN

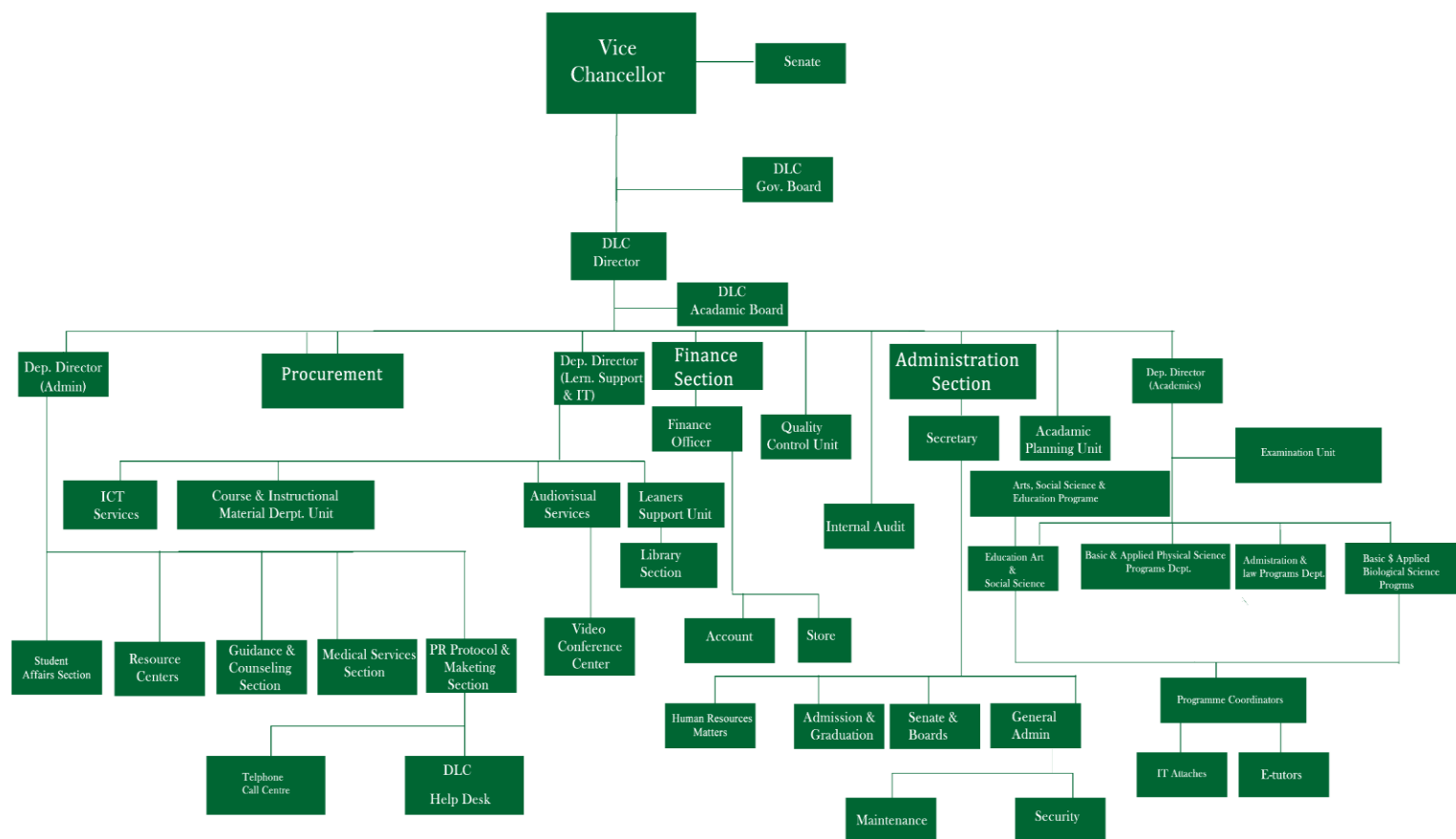
Undergraduate Programmes

Proposal for 4 undergraduate programmes is currently with the National Universities Commission (NUC) awaiting their approval.

These programmes are:

- i. BSc Business Administration
- ii. BSc Public Administration
- iii. BSc Economics
- iv. Bachelor of Nursing Science (BNSc)
- v. Master in Business Administration (MBA)

ORGANIZATIONAL STRUCTURE OF A.B.U. DLC



Course Content

Curriculum and course content similar to on-regular content and curriculum.

Admission Requirement

Admission requirements for all programmes is as applicable to the corresponding on-regular programme.

Duration

In line with the spirit of distance learning, there is flexibility in the duration of study viz.:

- i. Standard duration is as for the corresponding on-regular programme (24 & 36 months for the Regular and Special versions).
- ii. Students are allowed to study for twice the on-campus duration.
- iii. Students intending to 'fast track' their studies can register all 3 semesters per session and graduate within a shorter time (min. 18 months)

RESEARCH POLICY**Research Funding Potential**

Researches in DLC are currently limited to postgraduate researches by staff which are self-funded. It is however envisaged that a Research funding structure shall be put in place to support researches in distance education and e-learning.

SUPPORT UNIT**Concrete Laboratory**

Not applicable as DLC has not yet commenced delivery of Science-based programmes.

Workshop

Not applicable as DLC has not yet commenced delivery of Science-based programmes

Computer Laboratories

A Computer Based Test facility with 500 systems has been developed in the Distance Learning Centre. In addition to these, a Video conferencing facility is also available.

SERVICE UNIT

The various service/support units in the Centre are:

- i. Central Administration
- ii. Finance Unit
- iii. Audit Unit
- iv. Procurement Unit
- v. Medical Services
- vi. Information and Protocol Unit
- vii. Maintenance Unit
- viii. Guidance and Counselling Unit

PATTERN OF GROWTH

The DLC has been allocated 3 hectares of land for its permanent site in the ABU Phase II layout. A plan for the proposed permanent site has been approved and is awaiting funding.

PHASE 1:

1. Trial of 5 Diploma Programmes (28 students):
2. MBA Deployment (1125 students)

PHASE II (2017/18)

1. BSc. Business Administration
2. BSc. Public administration

- 3. BSc. Economics
- 4. Bachelor of Nursing Sciences (BNSc)

PHASE III

- 1. BSc. Political Science
- 2. BSc International Studies
- 3. MIAD
- 4. PGDE
- 5. MPH
- 6. PGD Public Procurement
- 7. PGD Management
- 8. PGD Sensitive Conflict Communication

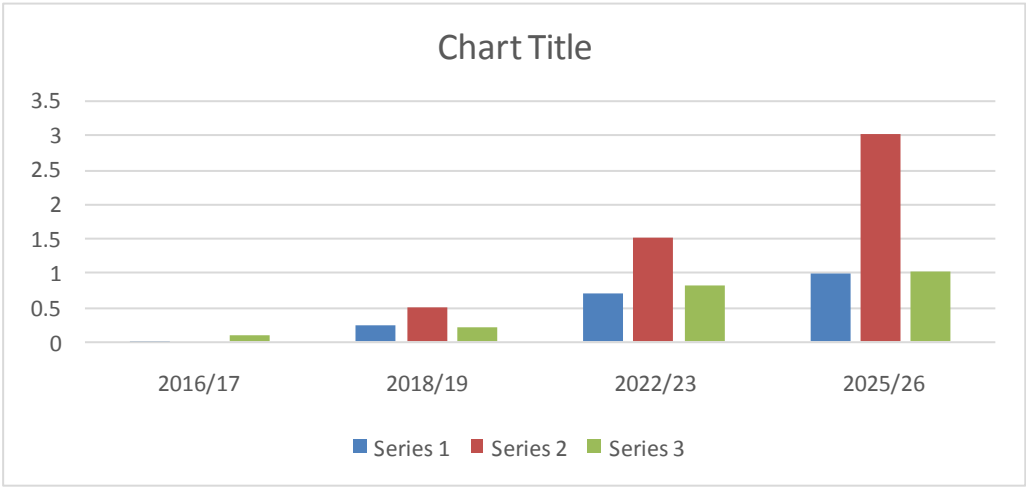


Fig. Projected Student Population (X 10⁵) for 10years

-  **Certificate**
-  **Undergraduates**
-  **Postgraduates**

TABLE 2**UNDERGRADUATE STUDENTS' ENROLMENT PROJECTIONS**

Faculty/Department	Year	Level					Total
		100	200	300	400	500	
Distance Learning Centre	2017/18	10,000					10,000
	To 2020	30,000	18,000	8,000			56,000

TABLE 4**POSTGRADUATE STUDENTS' ENROLMENT PROJECTIONS**

Faculty/Department	Year	POSTGRADUATE DIPLOMA	MASTER	PHD	Total
Distance Learning Centre	2016/17	Nil	1126	Nil	1126
	2020	20,000	12,000	Nil	32,000

TABLE 8**ACADEMIC STAFF PROJECTIONS**

Faculty/Department	Year	Professor Reader &	Senior Lecturer	Lecturer 1 & Below	Total
Distance Learning Centre	2016/17	5	3	15	23
	2020	10	12	35	57

TABLE 8:**NON-ACADEMIC STAFF PROJECTIONS**

Faculty/Department	Year	Snr. Tech. Staff 06-15	Jnr. Tech Staff 01-05	Snr. Admin 06-15	Jnr Admin 10-05	Total
Distance Learning Centre	2016/17	2	3	12	9	26
	2020	5	10	23	13	49

COST ESTIMATE

Department Finance: Recurrent Income and Expenditure

	ACADEMIC YEAR			
	2016/17	2017/18	2018/19	2019/20
University's Budgetary Allocation	Nil			
Consultancy	2,800,000	10,000,000	15,000,000	20,000,000
Voluntary Public Support	Nil	10,000,000	10,000,000	10,000,000
Conference Contribution	Nil	Nil	Nil	Nil
Tuition fees	65,000,000	250,000,000	350,000,000	500,000,000
Others (Miscellaneous services)	Nil	2,000,000	2,000,000	2,000,000
Total	67,800,000	272,000,000	377,000,000	532,000,000

CHAPTER EIGHT

GROWTH PATTERN

8.1. INTRODUCTION

This chapter presents the academic growth pattern for all the academic programmes in all the Faculties and also presents the projection of growth for undergraduate and postgraduate students, academic and non-academic staff employment, and other student/staff ratio projections between 2013 to 2018.

Fig 8.1 Total Undergraduate Enrolment 2013 - 2018

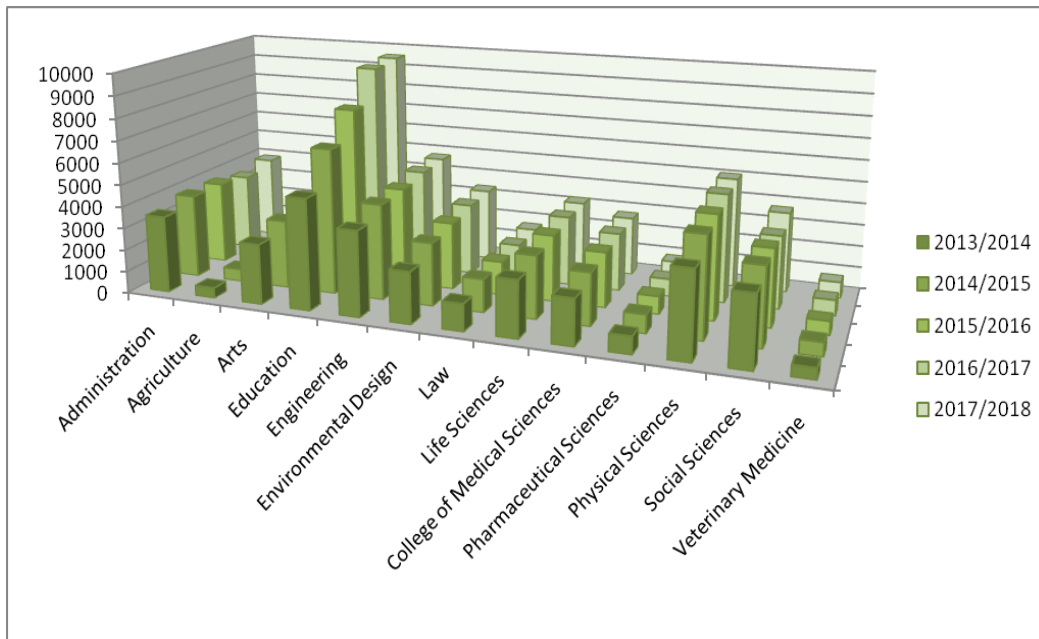


Table. 8.1 Total Undergraduate Enrolment 2013 - 2018

Faculty/College	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Administration	3499	3830	3801	3553	3871
Agriculture	469	567	621	809	877
Arts	2742	3118	3600	3676	3654
Education	5045	6644	7930	9427	9562
Engineering	3879	4362	4438	4659	4735
Environmental Design	2344	2870	3084	3279	3344
Law	1236	1514	1539	1602	1663
Life Sciences	2559	2851	3024	3182	3204
College of Medical Sciences	2075	2387	2520	2656	2710
Pharmaceutical Sciences	788	846	820	804	835
Physical Sciences	3882	4552	4720	4950	5026
Social Sciences	3178	3526	3505	3326	3684
Veterinary Medicine	501	621	637	723	731
Grand Total	32197	37688	40239	42646	43896

Fig. 8.2 Total Postgraduate Enrolment 2013 - 2018

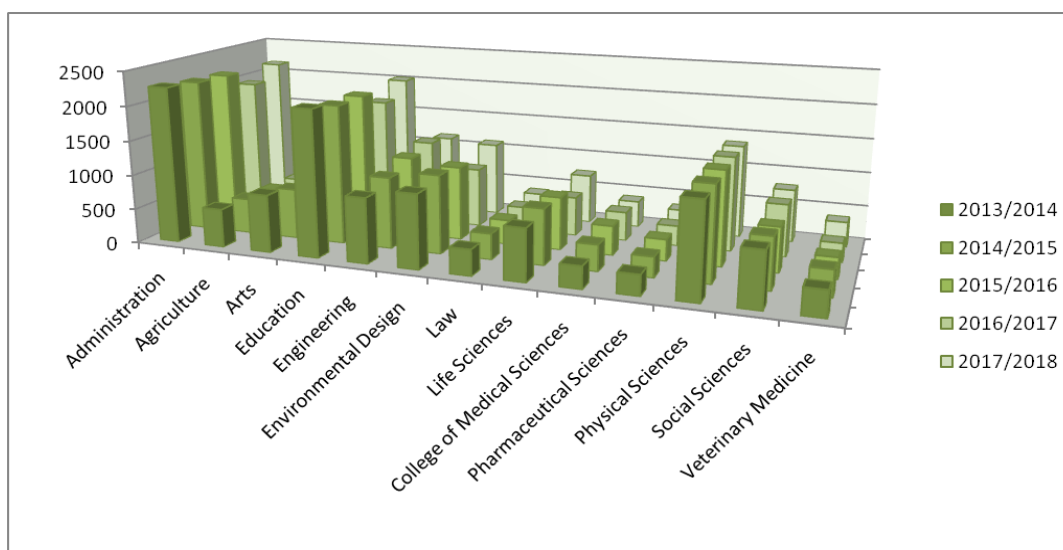
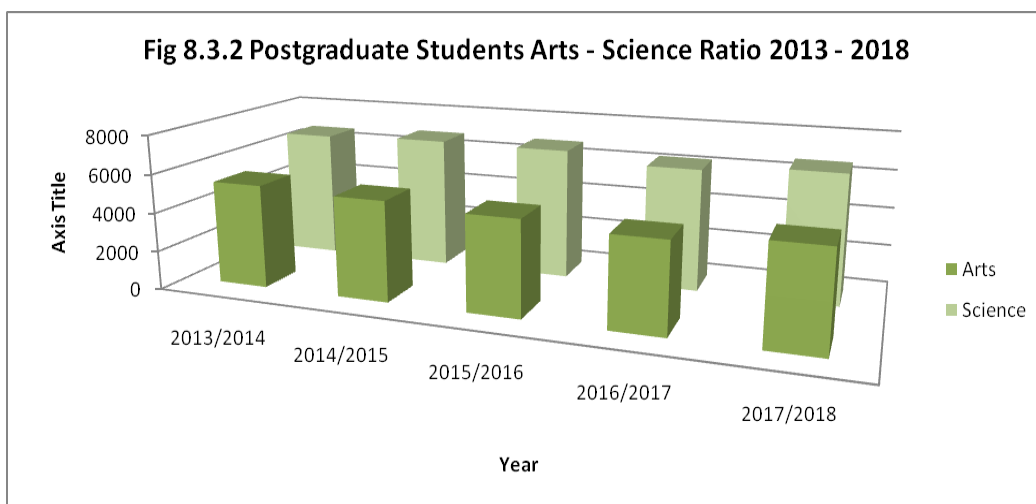
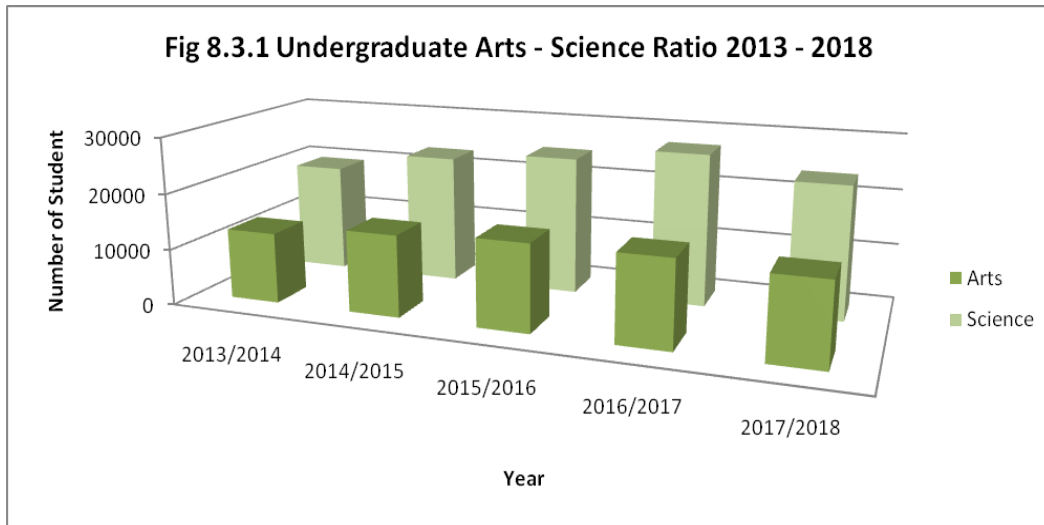


Table 8.2 Total Postgraduate Enrolment 2013 - 2018

Faculty	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018
Administration	2264	2217	2202	1946	2157
Agriculture	557	511	468	453	517
Arts	835	729	596	587	737
Education	2110	2019	2024	1795	2017
Engineering	941	1038	1151	1223	1138
Environmental Design	1068	1140	1075	868	1088
Law	377	375	357	349	365
Life Sciences	750	808	769	572	725
College of Medical Sciences	320	381	427	421	387
Pharmaceutical Sciences	295	297	312	293	319
Physical Sciences	1351	1358	1362	1369	1360
Social Sciences	788	740	649	756	773
Veterinary Medicine	370	384	309	280	366
Grand Total	12026	11997	11701	10912	11949

8.2. Art - Science Ratio



8.3 Student Full Time Equivalent (FTE)

FTE which is a measurement unit use to compute the overall annual instructional output of a department as itemised in appendices one and two , certain features such as the Benchmarks and Minimum Academic Standard documents by the National Universities Commission in which courses and programmes are enshrined in has been taken into consideration. These comprise Core, General

Studies and others that may be laid down by the departments where the students expect to graduate.

8.4 Staff Student Ratio

Staff-Student Ratio: The determination of the number of academic staff required for an academic programme is contingent on the approved staff-student ratio by the National Universities Commission for each discipline. The approved Staff-Student ratio is as shown below:

- | | | |
|------|---|------|
| i. | Administration, Arts, Education, Law and Social Sciences | 1:30 |
| ii. | Life and Physical sciences | 1:20 |
| iii. | Agriculture, Engineering, Environmental Design
and Pharmaceutical Sciences | 1:15 |
| iv. | Medical Sciences and Veterinary Medicine | 1:10 |

8.5 Staff – Mix

Staff – Mix by Rank Academic staff in the Universities are broadly classified into three categories; Professorial (Professor/Reader) Senior Lectureship and Lecturers Grade I and below. The Professorial cadre should constitute a maximum of 20 percent of the staff strength while the remaining two should constitute 35 and 45 percent respectively.

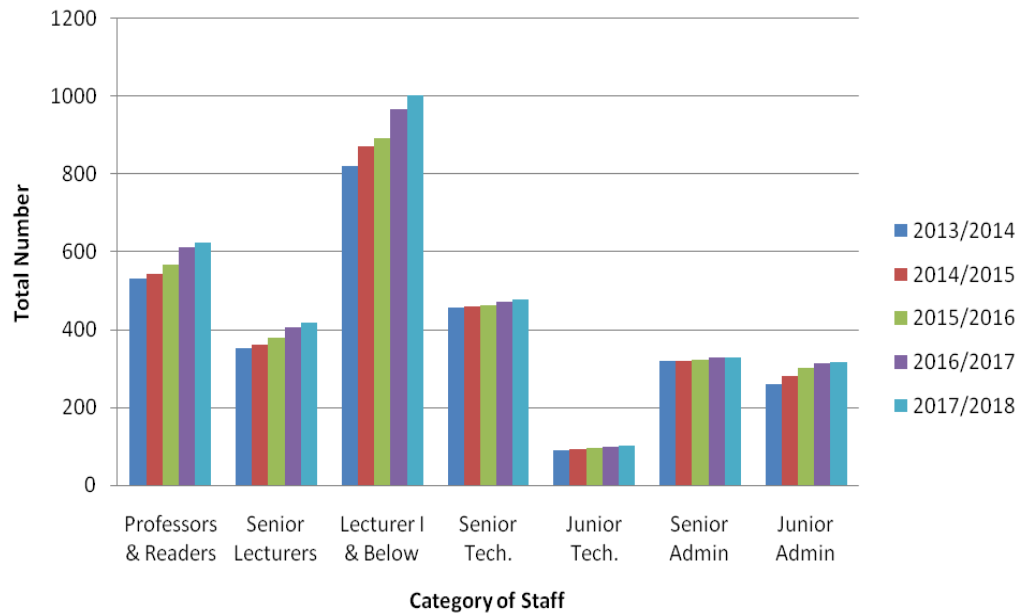
Table:8.5.1 Summary of the University Academic Staff Numbers by Mix in Teaching Departments

Year	Professors & Readers	Senior Lecturers	Lec 1 & Below
2013	530	353	821
2014	543	362	872
2015	566	378	892
2016	611	407	968
2017	625	417	1004

Table8.5.2 Summary of the University Students/Staff Projections in Teaching Departments

Year	Students		Academic Staff	Snr Tech. Staff	Jnr Tech. Staff	Snr Admin Staff	Jnr Admin Staff
	HC	FTE					
2013/2014	38538	39856	1704	457	90	319	259
2014/2015	41100	42596	1777	460	94	320	280
2015/2016	44076	45668	1836	463	96	323	302
2016/2017	47141	49305	1986	473	99	328	313
2017/2018	49511	53594	2046	478	101	328	315

Table 8.5.3 Summary of Staff Projections by Category in Teaching Departments 2013 - 2018



CHAPTER NINE

COST ESTIMATES

9.0 Preamble

In this chapter we provided the cost estimates for running all Undergraduate and Postgraduate programmes in Ahmadu Bello University, as well as the expected income for the first seventeen years. These estimates are divided into two categories; recurrent cost and capital cost. The recurrent cost is made up of expenditure on personnel emoluments and goods and services, while the capital expenditure is made up of expenditure in physical facilities and teaching and research equipment.

9.1 Sources of Income

The University would have the following as its sources of funds.

9.2 Allocations from the Federal Government

The major financier of the University remains the Federal Government of Nigeria. It is estimated that the Government would make available a sum of N14billion in the next 2 years, and this figure will hopefully continue to increase annually, and it is expected to reach about N18billion by the seventeenth year. In addition, the University plans to generate from internal sources N3Billion, which is expected to continue to increase until it reaches N 5Billion in the seventeenth year.

9.3 External Grants

It is expected that by the 17th year Ahmadu Bello University will sustain the currents and seek to establish new foreign linkages. Furthermore, external sources of funds would be vigorously pursued through the Alumni Association, as well as local and international donors. The revenue expected from these external sources is expected to be \$1million in the first two years, rising to \$5million by the 17th year.

9.4 Investment Income

The University is expected in the long term to invest in some commercial ventures the through University Foundation. The types of these commercial ventures include printing press, guest houses, bookshop,

university farms and investments, etc. In addition, the University may buy shares in reputable banks and other private ventures. This is expected to yield an average sum of N2million per annum.

9.5 Rent of University Property

This is another source of income to the University, and it would include rent of University conference halls, convocation ground, land, and markets revenue collection, etc.

9.6 Consultancy Services

In order to generate additional money for the University, ABUCONS (Nig) Ltd, the Consultancy Service Unit, will be restructured and reorganized for maximum efficiency and returns. Consultancy jobs will be pursued vigorously from both the public and the private sectors. Income from this source is expected to rise from N11 million in 2016 to N20 million by the seventeenth year.

9.7 Gifts and Donations

The University intends to make all necessary efforts to seek for donations and endowments from individuals, donor agencies and private organizations.

9.8 Fees from Students

The age long policy of Ahmadu Bello University is to charge moderate and generally affordable fees to all its students. However, the amount to be charged will depend on the type and nature of the programme as well as the nationality of the student. The estimated schedule of fees to be charged for a full-time undergraduate student per session is as follows:

<u>FEE</u>	<u>AMOUNT (N)</u>
Acceptance	52,365,000.00
Orientation/Student Information Handbook	10,473,000.00
Bed Space	81,809,830.00
Hostel Maintenance	

Registration	63,165,500.00
Examination	72,402,000.00
Caution Deposit	10,473,000.00
Medical	72,402,000.00
Library	34,327,900.00
I.D. Card	15,709,500.00
Sports	36,201,000.00
Laboratory	
Certificate Verification	
ICT fees	108,603,000.00
Matriculation	
TOTAL	557,931,730.00

NOTE: The above components of School fees is the actual fees generated for 2015/2016 session (Undergraduate only).

The undergraduate students are expected to reduce by 5% while the postgraduate students are expected to rise by an average of 5% annually.

All students are expected to pay the same amount of fees, except the fees which vary for new and returning students – which are applicable accordingly.

9.9 Capital Expenditure

A new University certainly requires adequate capital fund for speeding development of physical facilities. Thus, a sum of N1.5 billion shall be made available to the University as capital funds in the first year. The capital projects will be allocated 60% of the total funds, while 40% would be used for the purchase of teaching and research equipment. This is in accordance with the NUC approved funding parameters.

9.10 Recurrent Expenditure

This is the estimate of personnel costs for academic staff by ranks as well as the personnel costs for non-academic staff by categories as presented in appendix four.

CHAPTER TEN

UNIVERSITY'S PERFORMANCE AUDIT

10 Preamble

This chapter presents the mechanisms and indices to be used by the University for self-evaluation in order to ascertain the Level at which the stated goals and objectives are being achieved over the developmental period of the University. The performance audit, therefore, becomes an essential instrument that helps to evaluate the outcomes of this institution and its activities. The audit identifies such areas that may require changes, modifications or enhancement in the course of implementing the goals of the University. The audit also serves as criteria for future resource allocation as well as provides a valid and reliable feedback to the Visitor of the University and other stakeholders on the status of performance of the University. More importantly, the performance audit provides an excellent opportunity to demonstrate accountability and efficient financial and manpower management in various sectors of the University.

10.1 Performance Indicators

The University intends to conform fully with the requirements laid down by the National Universities Commission for the realization of high academic standards. In this regard, therefore, considerable attention will be given to key areas of university functions.

These include:

- (a) Academic Programmes Issues;
- (b) Managerial Issues;
- (c) Financial Management Issues;
- (d) Material Acquisition and Management; and
- (e) Physical and Infrastructural Issues.

These performance indices shall therefore be evaluated annually in order to keep track of the developmental process of the University, keeping in mind the possibility of modification, adjustments and changes as may be revealed by the audit exercise.

10.2 Academic Programme Issues

The establishment of new Faculties, Departments and programmes will be in line with the stated parameters of the National Universities Commission guidelines. Such Faculties, Departments and programmes shall therefore be expected to be approved by the NUC. The wisdom behind this compliance is to ensure that all programmes of the University meet the benchmark minimum requirement of manpower and material resources to guarantee quality education in the university. The University will ensure constant evaluation of both programmes and human resources and strive to attain good leadership of the University. Similarly, the University will seek to ensure compliance with the targeted growth rate and the National Policy on Science – ratio and the preliminary science studies programme. Thus, the following performance indicators are to be employed.

Indicator	Target: Science - ratio
(i) Percentage Admitted Through JAMB	80% : 20% JAMB to Remedial candidates.
(ii) Percentage Qualified For Admission	100% based on NUC guidelines on admission requirements, passing preliminary program of studies and meeting appropriate NUC admission requirements.
(iii) Growth Rate of Student Population	5% decrease in Undergraduate and 5% increase in

		Postgraduate per sessions.
(iv)	Science/ Ratio	60: 40 based on the National Policy on Education in force at the time.
(v)	Staff/Student Ratio	As Provided in The NUC Guidelines for each degree program in the university.
(vi)	Postgraduate Admission	30:70 Undergraduate to Postgraduate intake to be increasing by 5% in favour of Postgraduate.
(vii)	Proportion of NUC Accredited programmes	100% from the NUC except the preliminary studies programmes that will be internally organized.
(viii)	Allocation to Library	10% of Recurrent Grant as stipulated in the NUC guidelines.
(ix)	Allocation to Research	10% of Recurrent Grant especially in the promotion of postgraduate and staff researches.
(x)	Allocation to Teaching and Research	40% of Capital Grant as NUC provided in the guidelines.

10.3 Managerial Issues

The focus of the University in the recruitment of personnel is to strive to meet the minimum condition as provided for by the National Universities Commission. This is to ensure proper management of manpower resources, and at the same time achieve quality standard, especially in the recruitment of academic staff. Also, it shall be the policy of the university to give priority to Ph.D holders, earlier experience in university teaching, and will provide for effective mode of staff training and development. Research efforts and publications experience and potentials to grow will also be given serious attention and consideration in recruitment and continuation in employment. To achieve these, the University will vigorously pursue the attainment of the following performance indicators:

Indicator	Target
(i) Academic Staff Structure	
Professors/Readers	20%
Senior Lecturers	35%
Lecturer 1 and Below	45%
(ii) Senior Administrative Staff Structure	
CONTISS 14 - 15	5%
CONTISS 12- 13	15%
CONTISS 09 - 11	35%
CONTISS 06 - 08	45%
(iii) Ratio of Senior Administrative Teaching Staff	1:20 in Academic Areas
(iv) Ratio of Senior Technical/Teaching Staff	1:30 in Academic Areas
(v) Ratio of Senior Technical/ Teaching Staff	1:5 in Science Academic Areas
(vi) Ratio of Senior Technical Staff	1:10 Total Number of Academic Non-academic Area Staff.
(vii) Junior Technical Staff/Teachers	1:25 in Academic Areas of
(viii) Junior Technical Staff/Teachers	1:2 Academic Areas of Science.
(ix) Total Junior Staff	20% of total Full-time Equivalent (FTE).

(x) Number of Persons Given
Research Grants/Year

All Academic Staff and whenever possible Postgraduate students on relevant topics of the University interests and development.

10.4 Financial Management Issues

The timely provision of adequate funds, coupled with proper distribution and utilization is central to the effective implementation of the university programmes. Consequently, the extent to which adequate and timely provision of funds was made must follow NUC guidelines and targets to be evaluated as follows:

Indicator	Target
(i) Allocation of Recurrent Funds to Academic Units	60% of Total Recurrent Funds
(ii) Actual Expenditure on Academic Units -	60% of Total Recurrent Funds
(iii) Allocation to University Library -	10% of Total Annual Recurrent Funds
(iv) Allocation to Salaries and Non-salary -	25% of 10% of total Allocation to Personnel Emoluments in the Library.
(v) Allocation to Goods And Services -	15% of 10% of total Allocation to the library.
(vi) Allocation to Books and Journals -	60% of 10% of total Allocation to the Library.
(vii) Allocation For Research Grants -	7.5% of total Recurrent Grants in

	addition to the University Other Sources.
(viii) Allocation to Pension Funds/Retirement -	8% of monthly salary bill
(ix) Allocation to Staff Development -	2% of Recurrent Funds

10.5 Managerial Acquisition and Management

While Ahmadu Bello University, realizes the importance paying salaries as and when due, it would emphasize the need to provide relevant materials necessary for the discharge of primary functions especially in academic matters. Therefore, the University will pay adequate attention to the provision of goods and services. This will be followed with an effective utilization and monitoring mechanisms to ensure that success is achieved and wastages curtailed. In this direction, based on the NUC guideline, the performance indicators identified below will be a source of guide.

Indicator	Target
(i) Allocation to Goods and Services	40% of total Recurrent Allocation
(ii) Frequency of Stocktaking in Unit Areas	Quarterly (4 Times a Year)
(iii) Frequency of Returns by Unit Areas	Levels of Utilization Quarterly (4Times a Years)
(iv) Replenishment of Goods and Materials	Quarterly (4 Times a Year)

10.6 Physical Issues

This University makes a commitment to provide adequate infrastructural facilities to both staff and students. The existing infrastructure will undergo rapid transformation through extensive rehabilitation, capital improvements and construction of new structures. The targeted infrastructure are as follows:

- Lecture Halls and Theatres
- Library Buildings
- Laboratory Buildings

- Sporting Facilities
- University Clinic
- Staff Houses

The University also intends to identify areas of improvement in terms of physical and material facilities and ensure that they are addressed within the next two years. It should be noted that all space allocations would be in accordance with the NUC minimum standards. Other subsidiary issues on physical and infrastructural issues include the provision of the following:

- | | | | |
|-------|-------------------------|---|--|
| (i) | Recreational Facilities | - | A Volleyball Court |
| | | - | A Football Field |
| | | - | A Handball Court |
| | | - | An Athletics (Track and |
| | Field) | | |
| | | - | A Basket ball Court |
| | | - | A Hockey Pitch |
| | | - | A Tennis Court |
| (ii) | Power Supply | - | In Addition to The NEPA Power Supply, Generators will be installed in certain key areas of the University. |
| (iii) | Water Supply | - | Public Supply System, Overhead Tanks at Determined Locations and if necessary Boreholes. |
| (iv) | Transport | - | Student Buses, public Buses and other transportation means will be acquired and encouraged by community efforts. |

10.7 Conclusion

It is understood that the task of sustaining the reputation of a first-generation University is enormous. This is especially true in view of the dwindling resources, in real terms, coming from the Government ostensibly because there are other competing demands that require similar attention. With this in mind, the University management intends to pursue all avenues that would lead to achievement of excellence in all its academic programmes by promoting quality and effective teaching and learning. What the University actually requires to achieve excellence is the provision of adequate human and material resources, and enhanced quality research output that will contribute to the overall development of the country, in technological and other spheres.

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Administration

Accounting

100	131	198	158	219	119	180	121	167	126	176
200	192	213	208	229	213	238	166	202	171	211
300	258	263	186	192	198	204	199	209	204	217
400	364	350	364	355	285	266	257	236	262	241
Total	945	1024	916	995	815	888	743	814	763	845

PGD	67	67	56	56	54	54	47	48	52	52
Master	261	294	305	322	278	290	247	249	252	260
Ph.D	8	8	20	20	16	16	23	23	28	32
Total	336	369	381	398	348	360	317	320	332	344

Business Administration

100	113	142	172	200	141	172	187	221	192	229
200	212	589	217	649	279	769	211	736	216	744
300	221	540	204	569	205	580	271	660	276	672
400	278	258	286	258	282	251	264	232	269	245
Total	824	1529	879	1676	907	1772	933	1849	953	1890

PGD	176	153	149	145	132	130	65	63	70	67
Master	607	605	630	631	620	610	564	571	569	561
Ph.D	51	20	53	26	20	20	26	26	31	38

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
Total	834	778	832	802	772	760	655	660	670	666

Local Government and Development Studies

100	98	108	72	102	100	124	50	81	55	95
200	138	136	155	159	127	138	156	156	161	163
300	96	94	238	201	229	220	156	154	161	161
400	257	139	164	127	282	221	283	233	288	236
Total	589	477	629	589	738	703	645	624	665	655

PGD	5	7					4	4	9	13
Master	41	40	68	67	63	59	72	73	77	79
Ph.D	10	9	8	7	4	6	6	6	11	17
Total	56	56	76	74	67	65	82	83	97	109

Public Administration

100	95	107	87	95	110	109	97	103	102	112
200	167	162	195	178	171	171	175	178	180	184
300	272	253	237	209	264	219	293	244	298	249
400	463	228	466	292	323	243	286	222	291	225
Total	997	750	985	774	868	742	851	747	871	770

PGD	178	188	120	121	116	120	89	105	94	108
Master	332	317	382	364	338	318	304	273	309	267

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
Ph.D	8	25	11	31	6	30	13	36	18	54
	518	530	513	516	460	468	406	414	421	429

Agriculture

Agricultural Economics and Rural Sociology

PGD	7	7	19	19	12	12	16	17	21	24
Master	79	88	20	32	16	21	55	63	60	73
Ph.D	54	49	41	35	23	15	39	25	44	33
Total	140	144	80	86	51	48	110	105	125	130

Agriculture

100	84	15	106	20	114	21	254	44	259	48
200	84	107	116	156	161	205	155	226	160	239
300	94	99	83	86	110	125	152	154	157	165
400	64	79	93	100	83	80	108	109	113	126
500	121	96	73	57	95	66	81	51	86	66
Total	447	396	471	419	563	497	750	584	775	644

Agronomy

PGD	6	6	9	9	8	8	9	9	14	17
Master	23	31	30	37	32	43	21	33	26	44

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Ph.D	22	23	27	27	23	25	22	23	27	31
Total	51	60	66	73	63	76	52	65	67	92

Animal Science

PGD	1	17	9	9	16	16	15	14	20	27
Master	30	69	42	51	56	58	68	68	73	75
Ph.D	26	46	29	35	29	28	35	33	40	41
Total	57	132	80	95	101	102	118	115	133	143

Crop Protection

Master	28	26	26	24	27	25	13	12	18	23
Ph.D	7	9	7	8	13	15	9	9	14	16
Total	35	35	33	32	40	40	22	21	32	39

Plant Science

PGD	2	1			2	2	4	4	9	12
Master	5	8	22	23	14	17	17	20	22	32
Ph.D	13	15	13	14	11	12	8	8	13	19
Total	20	24	35	37	27	31	29	32	44	63

Soil Science

Master	24	27	31	32	34	36	19	27	24	38
Ph.D	16	13	13	9	16	11	22	12	27	24

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
Total	40	40	44	41	50	47	41	39	51	62

African Languages and Cultures

100	7	59	18	63	27	70	31	71	36	88
200	112	140	66	90	72	102	56	82	61	95
300	58	73	110	130	62	85	67	93	72	105
400	149	133	98	90	124	121	102	96	107	106
Total	326	405	292	373	285	378	256	342	276	394

PGD	10	10	8	8	2	2	2	2	7	13
Master	30	35	39	41	34	34	25	26	30	38
Ph.D	23	24	25	25	20	20	15	16	20	23
Total	63	69	72	74	56	56	42	44	57	74

Arabic

100	42	75	26	57	63	91	56	90	61	103
200	126	137	125	142	103	132	128	154	133	161
300	89	112	122	153	120	155	100	134	105	145
400	161	177	101	120	146	162	133	143	138	152
Total	418	501	374	472	432	540	417	521	437	561

Master	38	35	40	39	23	24	32	32	37	41
Ph.D	17	16	13	13	19	20	15	15	20	28

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
Total	55	51	53	52	42	44	47	47	57	69
Archaeology										
100	121	90	140	100	180	133	223	169	228	175
200	148	125	204	159	318	228	234	190	239	196
300	119	100	143	129	195	169	296	213	301	217
400	151	108	141	105	196	141	220	163	225	169
Total	539	423	628	493	889	671	973	735	993	757
Master	17	17	17	17	24	24	21	21	26	29
Ph.D	5	5	6	6	6	6	11	11	16	18
Total	22	22	23	23	30	30	32	32	42	47
English										
100	99	688	176	896	242	969	112	963	117	981
200	171	141	204	174	231	197	325	277	330	281
300	194	190	166	163	197	186	217	205	222	215
400	205	183	223	204	194	177	214	191	219	202
Total	669	1202	769	1437	864	1529	868	1636	888	1679
Master	145	148	110	110	105	105	112	111	117	114
Ph.D	23	10	43	42	42	40	57	58	62	61
Total	168	158	153	152	147	145	169	169	179	175

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

French

100	6	47	9	48	15	60	22	54	27	72
200	49	74	39	71	29	59	61	93	66	104
300	1	35			2	18			5	232
400	75	82	55	61	53	63	49	54	54	66
Total	131	238	103	180	99	200	132	201	152	474

Master	37	39	32	33	27	28	28	33	33	41
Ph.D	7	1	3	1	2	0	12	3	17	6
Total	44	40	35	34	29	28	40	36	50	47

History

100	52	102	72	166	176	233	96	231	101	242
200	56	44	78	49	96	92	184	139	189	143
300	56	74	51	66	74	83	94	131	99	149
400	84	64	75	58	63	47	80	54	85	65
Total	248	284	276	339	409	455	454	555	474	599

Master	28	29	13	13	31	32	31	31	36	41
Ph.D	15	14	18	18	22	21	16	16	21	25
Total	43	43	31	31	53	53	47	47	57	66

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Philosophy

Master	5	6	7	7	11	11	16	15	21	24
Ph.D	1	0	1	1	1	2	1	4	6	20
Total	6	6	8	8	12	13	17	19	27	44

Theatre and Performing Arts Arts

100	39	67	26	69	95	136	75	109	80	119
200	74	92	50	76	46	78	106	145	111	154
300	73	78	73	74	49	51	45	46	50	57
400	74	64	81	74	82	76	61	58	66	72
Total	260	301	230	293	272	341	287	358	307	402

PGD	9	9	8	8	6	6			5	8
Master	110	111	78	78	38	38	29	29	34	40
Ph.D	19	20	19	19	9	9	14	15	19	23
Total	138	140	105	105	53	53	43	44	58	71

Education

Art and Social Science Education

100	183	263	202	291	315	330	258	285	263	298
200	430	233	524	271	476	255	598	339	603	347
300	314	215	412	242	512	309	450	288	455	302

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
400	371	163	341	147	434	182	514	218	519	224
Total	1298	874	1479	951	1737	1076	1820	1130	1840	1171

Master	213	156	199	161	203	152	151	117	156	130
Ph.D	34	26	43	32	50	46	47	51	52	66
Total	247	182	242	193	253	198	198	168	208	196

Educational Foundation and Curriculum

PGD	51	49	51	50	63	60	84	84	89	87
Master	195	146	215	188	214	188	160	138	165	140
Ph.D	51	41	61	50	74	63	77	62	82	69
Total	297	236	327	288	351	311	321	284	336	296

Educational Psychology and Counselling

100	45	56	82	82	148	146	117	158	122	165
200	160	51	152	58	248	78	353	121	358	124
300	115	69	177	102	166	94	252	165	257	170
400	66	40	127	79	187	122	164	103	169	108
Total	386	216	538	321	749	440	886	547	906	567
Master	110	112	94	126	85	115	73	102	78	112
Ph.D	21	38	15	39	17	31	9	19	14	35
Total	131	150	109	165	102	146	82	121	92	147

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Library and Information Science

100	107	97	124	149	175	195	191	221	196	228
200	293	243	275	237	387	340	345	354	350	357
300	218	178	284	265	262	261	368	308	373	314
400	260	203	262	211	346	254	310	243	315	248
Total	878	721	945	862	1170	1050	1214	1126	1234	1147

PGD	41	44	47	48	36	38	38	35	43	41
Master	271	225	190	160	259	235	210	180	215	180
Ph.D	25	100	21	115	28	73	24	131	29	145
Total	337	369	258	323	323	346	272	346	287	366

Human Kinetics and Health Education

100	8	16	16	46	14	72	62	95	67	110
200	34	34	55	48	59	62	72	73	77	83
300	45	38	31	30	47	41	54	44	59	55
400	42	34	49	33	39	26	40	23	45	34
Total	129	122	151	157	159	201	228	235	248	282

Master	70	54	66	51	78	60	60	50	65	60
Ph.D	56	52	48	42	53	48	37	33	42	43
Total	126	106	114	93	131	108	97	83	107	103

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Science Education

100	165	172	318	257	358	296	1096	605	1101	602
200	459	505	552	568	800	734	862	925	867	921
300	245	268	452	430	530	445	759	579	764	582
400	438	413	363	393	507	495	617	573	622	573
Total	1307	1358	1685	1648	2195	1970	3334	2682	3354	2678

Master	137	200	126	133	115	136	126	135	131	150
Ph.D	80	81	71	72	82	93	87	105	92	115
Total	217	281	197	205	197	229	213	240	223	265

Vocational and Technical Education

100	49	105	111	149	177	223	255	287	260	298
200	170	136	209	150	217	165	329	241	334	252
300	113	116	165	162	205	172	196	165	201	186
400	192	93	127	62	171	95	209	110	214	123
Total	524	450	612	523	770	655	989	803	1009	859

Master	193	169	122	101	106	91	93	72	98	89
Ph.D	41	39	31	30	31	30	30	28	35	45
Total	234	208	153	131	137	121	123	100	133	134

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Engineering

Agricultural Engineering

100	29	4	67	9	61	8	100	11	105	15
200	40	4	44	7	79	10	76	10	81	13
300	40	26	43	21	39	22	77	39	82	45
400	46	42	40	37	42	30	38	32	43	40
500	80	49	85	51	83	55	69	44	74	52
Total	235	125	279	125	304	125	360	136	385	165

Master	26	29	27	29	27	29	36	37	41	46
Ph.D	8	8	10	10	13	9	15	8	20	13
Total	34	37	37	39	40	38	51	45	61	59

Chemical Engineering

100	146	19	122	26	140	24	151	26	156	30
200	144	57	168	61	133	58	149	64	154	68
300	140	118	146	120	170	127	122	101	127	108
400	121	132	141	145	146	149	164	143	169	149
500	276	202	235	173	227	173	198	152	203	159
Total	827	528	812	525	816	531	784	486	809	514

PGD	29	14	18	9	18	9	24	12	29	16
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Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
Master	79	88	75	65	79	65	74	73	79	80
Ph.D	18	103	20	66	25	88	31	78	36	84
Total	126	205	113	140	122	162	129	163	144	180

Civil Engineering

100	128	18	85	16	138	20	146	20	151	23
200	108	47	155	50	129	61	159	64	164	67
300	112	105	106	99	149	106	136	124	141	131
400	100	99	111	106	102	95	136	93	141	98
500	202	104	181	96	176	102	133	79	138	85
Total	650	373	638	367	694	384	710	380	735	404

Master	68	71	66	69	72	79	65	68	70	78
Ph.D	19	19	25	26	29	32	33	34	38	39
Total	87	90	91	95	101	111	98	102	108	117

Communication Engineering

100	7	1	15	4	32	4	40	5	45	9
200			27	1	19	1	41	2	46	5
300					27	35	18	37	23	50
400							26	20	31	25
500									5	127
Total	7	1	42	5	78	40	125	64	150	216

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
PGD	35	33	33	30	25	12	29	25	34	30
Master	42	36	36	40	38	39	34	37	39	44
Ph.D	3	0			3	0	4	0	9	3
Total	80	69	69	70	66	51	67	62	82	77

Computer Engineering

100	14	3	40	7	31	5	63	9	68	13
200	32	2	35	2	51	3	55	3	60	6
300			32	18	36	24	51	31	56	36
400					30	30	36	35	41	41
500							30	30	35	38
Total	46	5	107	27	148	62	235	108	260	134

PGD	14	16	11	15	14	18	12	17	17	26
Master	11	31	13	26	29	27	24	37	29	40
Ph.D	2	0	5	0	5	15	10	33	15	52
Total	27	47	29	41	48	60	46	87	61	118

Electrical Engineering

100	92	35	84	40	67	38	68	46	73	52
200	149	113	116	105	118	131	96	141	101	147
300	177	158	146	110	120	106	122	120	127	129

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
400	144	110	174	157	140	75	112	61	117	68
500	215	145	237	167	268	205	217	146	222	153
Total	777	561	757	579	713	555	615	514	640	549
PGD	36	36	50	49	42	53	70	73	75	78
Master	51	38	58	40	75	67	78	48	83	57
Ph.D	14	14	11	13	11	14	10	8	15	19
Total	101	88	119	102	128	134	158	129	173	154

Mechanical Engineering

100	78	10	80	13	115	14	183	21	188	24
200	108	219	107	209	90	260	123	300	128	307
300	88	79	94	77	107	74	88	87	93	96
400	85	51	86	49	87	59	97	51	102	56
500	181	99	154	85	164	96	130	73	135	79
Total	540	458	521	433	563	503	621	532	646	562
PGD	25	25	28	28	28	28	28	28	33	35
Master	53	53	90	90	124	126	124	125	129	132
Ph.D	13	13	16	14	25	15	29	23	34	31
Total	91	91	134	132	177	169	181	176	196	198

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Metallurgical and Materials Engineering

100	33	4	62	6	69	7	113	12	118	16
200	45	45	39	43	70	53	75	58	80	63
300	66	51	43	38	36	31	63	46	68	54
400	48	72	64	62	39	43	35	32	40	41
500	73	46	77	54	80	54	53	38	58	46
Total	265	218	285	203	294	188	339	186	364	220

PGD							2	2	7	13
Master	13	11	13	11	15	12	19	18	24	27
Ph.D	8	9	10	12	9	13	9	10	14	19
Total	21	20	23	23	24	25	30	30	45	59

Water Resources and Environmental Engineering

100	29	109	95	151	67	185	111	202	116	208
200	51	33	31	30	103	41	72	43	77	47
300	60	30	53	28	32	24	96	49	101	54
400	66	45	60	47	49	38	31	28	36	35
500	90	74	108	94	103	100	69	68	74	77
Total	296	291	347	350	354	388	379	390	404	421

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
PGD	20	22	25	27	30	30	32	33	37	43
Master	41	42	51	53	76	78	83	86	88	91
Ph.D	10	10	12	12	15	14	27	27	32	36
Total	71	74	88	92	121	122	142	146	157	170

**Environmental
Design**

Architecture

100	80	98	98	120	101	96	103	105	108	113
200	88	85	82	81	104	103	111	115	116	124
300	107	103	87	92	83	76	109	97	114	106
400	167	145	167	132	168	142	136	108	141	117
Total	442	431	434	425	456	417	459	425	479	460

PGD	30	30	33	28	15	15	20	20	25	29
Master	173	172	182	182	179	179	182	183	187	192
Ph.D	29	29	28	25	35	33	39	37	44	47
Total	232	231	243	235	229	227	241	240	256	268

Building

100	104	88	100	94	87	90	152	122	157	128
200	103	87	135	111	108	100	97	97	102	105
300	70	84	101	92	129	117	106	103	111	112

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
400	84	97	68	77	98	86	119	108	124	114
500	103	70	123	98	101	74	113	85	118	95
Total	464	426	527	472	523	467	587	515	612	554
PGD	72	72	63	63	80	80	57	58	62	62
Master	181	178	204	189	144	133	126	123	131	139
Ph.D	17	21	16	27	23	31	21	26	26	35
Total	270	271	283	279	247	244	204	207	219	236
Fine Art										
100	24	19	29	24	34	27	31	25	36	35
200	41	39	66	59	44	40	42	37	47	50
300	49	90	40	73	64	82	43	63	48	85
400	65	83	62	85	61	88	65	76	70	105
Total	179	231	197	241	203	237	181	201	201	275
Master	46	41	31	30	30	27	21	20	26	36
Ph.D	26	26	35	34	29	29	25	25	30	52
Total	72	67	66	64	59	56	46	45	56	88
Geomatics										
100	20	5	67	13	77	15	98	18	103	22
200	37	24	35	23	71	47	87	66	92	74

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
300	26	18	33	18	32	18	67	45	72	54
400			25	17	29	22	32	27	37	37
500					25	20	39	27	44	38
Total	83	47	160	71	234	122	323	183	348	225
PGD	8	8	14	14	22	22	12	12	17	19
Master	16	16	23	23	28	28	10	11	15	21
Ph.D	6	6	7	7	7	7	9	9	14	18
Total	30	30	44	44	57	57	31	32	46	58
Industrial Design										
100	52	26	72	35	90	47	138	51	143	57
200	118	73	106	66	133	79	151	89	156	98
300	135	131	118	126	99	104	122	119	127	145
400	104	76	160	121	164	117	126	96	131	116
Total	409	306	456	348	486	347	537	355	557	416
Master	54	58	60	62	41	43	29	31	34	42
Ph.D	21	21	23	22	26	24	31	31	36	43
Total	75	79	83	84	67	67	60	62	70	85

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Quantity Surveying

100	57	35	75	42	93	37	128	49	133	54
200	71	67	63	64	89	89	103	60	108	68
300	63	96	72	91	59	79	89	108	94	121
400	60	91	62	113	69	110	55	81	60	92
500	45	46	87	73	96	93	84	80	89	91
Total	296	335	359	383	406	408	459	378	484	426

Master	48	48	57	57	52	54	56	57	61	64
Ph.D	13	13	15	15	16	17	18	19	23	29
Total	61	61	72	72	68	71	74	76	84	93

Urban and Regional Planning

100	59	27	71	34	70	34	50	21	55	26
200	82	62	69	61	91	80	78	71	83	79
300	67	70	83	80	68	58	89	77	94	87
400	67	37	82	55	82	78	65	49	70	56
500	70	53	76	71	98	80	101	83	106	90
Total	345	249	381	301	409	330	383	301	408	338

Master	37	33	30	31	48	50	19	19	24	31
Ph.D	2	2	7	7	6	6	6	5	11	19

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
Total	39	35	37	38	54	56	25	24	35	50

Law

Civil Law

100	236	225	254	243	271	252	189	203	194	214
200	259	246	326	291	335	324	363	340	368	344
300	280	282	253	235	328	288	327	314	332	322
400	258	243	281	273	250	260	347	318	352	323
500	118	82	336	295	326	277	300	270	305	282
Total	1151	1078	1450	1337	1510	1401	1526	1445	1551	1485

PGD									5	11
Master	86	44	96	55	110	66	71	60	76	63
Ph.D	5	0	9	0	13	0	16	0	21	3
Total	91	44	105	55	123	66	87	60	102	77

Commercial Law

PGD	6	9	9	13	5	9			5	11
Master	23	20	26	29	20	32	33	27	38	33
Ph.D			1	0	6	0	9	0	14	3
Total	29	29	36	42	31	41	42	27	57	47

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Islamic Law

PGD	4	6	7	10	7	10	4	7	9	19
Master	2	7	5	8	8	7	13	8	18	16
Ph.D	1	1	4	4	3	5	8	5	13	11
Total	7	14	16	22	18	22	25	20	40	46

Private Law

PGD	7	3	18	6	8	3	17	6	22	9
Master	4	18	5	23	12	27	33	30	38	38
Ph.D			1	0	4	0	7	0	12	4
Total	11	21	24	29	24	30	57	36	72	51

Public Law

PGD	19	15	23	18	26	19	22	17	27	23
Master	11	70	15	50	22	47	22	63	27	79
Ph.D			2	29	4	33	1	58	6	104
Total	30	85	40	97	52	99	45	138	60	206

Life Sciences

Biochemistry

100	154	21	155	25	200	46	96	23	101	28
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Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
200	148	178	173	217	173	245	200	317	205	322
300	151	202	143	197	157	219	163	235	168	243
400	293	208	299	203	273	199	262	180	267	183
Total	746	609	770	642	803	709	721	755	741	776
PGD	46	0	38	40	40	38	34	32	39	39
Master	126	173	166	159	145	146	70	76	75	92
Ph.D	30	16	34	21	43	29	20	20	25	32
Total	202	189	238	220	228	213	124	128	139	163
Biology										
100	206	387	202	438	260	561	212	763	217	762
200	201	263	211	256	232	287	258	387	263	388
300	209	214	195	213	198	214	218	252	223	254
400	353	249	340	235	302	222	277	195	282	199
Total	969	1113	948	1142	992	1284	965	1597	985	1603
PGD	2	2	6	6	2	2	5	5	10	14
Master	56	96	52	87	51	67	52	69	57	78
Ph.D	11	30	19	40	24	54	21	42	26	52
Total	69	128	77	133	77	123	78	116	93	144

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Botany

100					68	8	177	21	182	24
200					6	0	78	4	83	7
300							5	0	10	6
400									5	8
Total					74	9	260	25	280	45

Master	19	0	15	0	9	0	11	0	16	1
Ph.D	12	0	11	0	12	0	14	0	19	1
Total	31	0	26	0	21	0	25	0	35	2

Microbiology

100	167	17	142	18	178	17	191	18	196	22
200	120	93	189	123	154	115	187	139	192	143
300	151	143	117	108	183	130	148	131	153	140
400	226	119	263	162	210	130	244	127	249	131
Total	664	372	711	411	725	392	770	415	790	436

PGD	32	32	29	29	21	21	34	34	39	39
Master	133	139	120	123	85	88	72	75	77	81
Ph.D	46	0	49	0	46	0	43	0	48	1
Total	211	171	198	152	152	109	149	109	164	121

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Zoology

100					48	7	161	18	166	23
200					13	41	46	75	51	83
300							11	49	16	70
400									5	25
Total					61	48	218	142	238	201

Master	21	15	22	12	20	15	22	15	27	20
Ph.D	9	0	11	0	18	0	10	0	15	1
Total	30	15	33	12	38	15	32	15	42	21

College of Medical Sciences

Chemical Pathology

Master	7	7	3	3	3	3	4	4	9	16
Ph.D	4	4	4	4	5	5	3	3	8	13
Total	11	11	7	7	8	8	7	7	17	29

Community Medicine

Master	69	70	114	116	101	104	44	46	49	52
Total	69	70	114	116	101	104	44	46	49	52

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Haematology and Blood Transfusion

Master					4	4	8	10	13	20
Ph.D					3	3	4	2	9	9
Total					7	7	12	12	22	29

Human Anatomy

100	100	14	121	21	137	20	196	32	201	36
200	72	116	110	176	119	179	147	204	152	211
300	82	82	69	85	104	115	113	125	118	133
400	98	57	114	74	102	68	122	77	127	83
Total	352	269	414	356	462	382	578	438	598	463

PGD							11	10	16	18
Master	51	48	32	30	39	37	39	39	44	46
Ph.D	18	17	21	21	21	18	26	25	31	32
Total	69	65	53	51	60	55	76	74	91	96

Human Physiology

100	105	16	119	23	126	19	192	32	197	36
200	75	111	113	174	110	192	131	211	136	219
300	80	61	70	58	100	82	106	82	111	89
400	100	68	124	78	118	80	123	85	128	91

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
Total	360	256	426	333	454	373	552	410	572	435
Master	38	39	34	37	30	32	35	34	40	40
Ph.D	28	27	23	23	24	24	20	19	25	26
Total	66	66	57	60	54	56	55	53	65	66
Medicine										
100	104	37	119	46	116	43	117	54	122	59
200	66	39	116	61	131	66	134	76	139	80
300	26	171	59	68	108	106	119	162	124	172
400	113	75	26	30	57	38	98	75	103	83
500	31	21	74	49	1	0	57	37	62	44
600	127	127	124	121					5	8
Total	467	470	518	375	413	253	525	404	555	446
Master	13	13	12	12	12	12	9	9	14	18
Ph.D	5	5	4	4	4	4	4	4	9	13
Total	18	18	16	16	16	16	13	13	23	31
Nursing Science										
100	147	43	146	53	151	51	178	58	183	62
200	108	20	227	45	196	33	194	37	199	40
300	1	13	104	64	216	129	187	141	192	147

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
400	80	83	2	19	101	68	210	148	215	152
500	224	136	166	107	33	19	105	68	110	73
Total	560	295	645	288	697	300	874	452	899	474
Master	12	15	27	28	56	55	70	70	75	80
Ph.D	3	0	4	3	7	8	14	13	19	23
Total	15	15	31	31	63	63	84	83	94	103

Obsterics and Gynecology

Master					15	15	15	17	20	25
Total					15	15	15	17	20	25

Pathology (Morbidity Anatomy)

Master	8	8	20	21	21	21	21	21	26	29
Ph.D	3	5	4	3	5	5	3	3	8	13
Total	11	13	24	24	26	26	24	24	34	42

Pharmaceutical Sciences

Clinical Pharmacy & Pharmacy Practice

Master	4	4	8	9	18	17	29	27	34	34
Ph.D	2	2	5	3	6	4	6	6	11	16
Total	6	6	13	12	24	21	35	33	45	50

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Pharmaceutical and Medicinal Chemistry

Master	26	5	27	6	27	6	29	5	34	7
Ph.D	13	0	19	0	23	0	14	0	19	1
Total	39	5	46	6	50	6	43	5	53	8

Pharmaceutics and Pharmaceutical Microbiology

Master	33	80	20	56	23	48	25	60	30	75
Ph.D	17	30	10	27	16	49	11	24	16	40
Total	50	110	30	83	39	97	36	84	46	115

Pharmacognosy and Drug Development

PGD	4	4	3	3	5	5	3	3	8	13
Master	25	28	27	38	32	42	24	27	29	34
Ph.D	5	5	10	9	18	17	23	23	28	34
Total	34	37	40	50	55	64	50	53	65	81

Pharmacology and Therapeutics

Master	43	44	36	37	44	41	25	27	30	35
Ph.D	22	21	28	24	31	31	26	27	31	37
Total	65	65	64	61	75	72	51	54	61	72

Pharmaceutical Sciences

100	105	22	103	22	112	23	132	25	137	29
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Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
200	121	102	141	117	121	102	125	114	130	120
300	145	181	118	152	139	163	117	146	122	157
400	149	169	142	172	110	139	137	142	142	149
500	237	155	274	181	294	209	243	187	248	191
Total	757	629	778	644	776	636	754	614	779	646

Physical Sciences

Chemistry

100	148	807	167	978	204	1134	207	1538	212	1531
200	144	345	156	341	179	360	199	441	204	442
300	152	283	135	268	151	265	170	300	175	306
400	217	180	274	250	241	221	252	222	257	229
Total	661	1615	732	1837	775	1980	828	2501	848	2508

PGD	26	1	16	2	28	3	30	3	35	5
Master	57	90	56	79	75	110	77	107	82	120
Ph.D	23	23	32	28	42	41	58	58	63	55
Total	106	114	104	109	145	154	165	168	180	180

Computer Science

100	148	141	102	181	172	196	156	243	161	248
200	197	254	261	270	200	311	245	304	250	308

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
300	163	242	206	303	263	324	200	319	205	324
400	230	174	242	203	270	270	316	291	321	295
Total	738	811	811	957	905	1101	917	1157	937	1175

PGD	67	0	52	0	37	0	40	0	45	1
Master	68	64	71	67	69	66	90	82	95	84
Ph.D	13	13	15	15	19	19	26	26	31	32
Total	148	77	138	82	125	85	156	108	171	117

Geography & Environmental Management

100	97	395	126	471	121	594	118	761	123	773
200	112	131	124	142	140	165	167	196	172	201
300	153	173	109	170	118	160	132	172	137	182
400	202	165	209	170	173	163	145	148	150	158
Total	564	864	568	953	552	1082	562	1277	582	1314

PGD	64	62	57	54	52	50	38	37	43	46
Master	234	241	278	298	352	367	344	360	349	371
Ph.D	32	29	41	30	39	32	42	41	47	53
Total	330	332	376	382	443	449	424	438	439	470

Geology

100	58	42	67	57	58	54	110	71	115	76
200	66	66	65	54	69	61	62	57	67	65

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
300	59	69	64	62	62	60	65	69	70	80
400	129	87	122	88	114	83	99	70	104	78
Total	312	264	318	261	303	258	336	267	356	299

PGD	11	12	15	18	5	7	13	15	18	25
Master	51	38	38	27	37	29	38	34	43	42
Ph.D	15	15	17	16	15	15	12	12	17	19
Total	77	65	70	61	57	51	63	61	78	86

Mathematics

100	44	622	56	733	82	858	119	1215	124	1230
200	120	489	64	453	90	509	101	598	106	618
300	106	305	113	289	57	271	84	321	89	336
400	145	181	162	191	170	192	119	160	124	171
Total	415	1597	395	1666	399	1830	423	2294	443	2355

PGD										
Master	59	127	65	145	44	82	23	79	28	96
Ph.D	33	41	35	42	32	40	31	43	36	53
Total	92	168	100	187	76	122	54	122	64	149

Physics

100	62	572	81	678	79	742	164	877	169	882
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Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
200	53	89	78	90	92	110	92	138	97	145
300	66	87	51	75	71	87	84	108	89	118
400	92	82	96	101	90	102	97	94	102	105
Total	273	830	306	944	332	1041	437	1217	457	1250

PGD	1	0	6	6					5	10
Master	53	51	42	40	44	42	38	37	43	53
Ph.D	20	20	17	15	28	27	30	30	35	38
Total	74	71	65	61	72	69	68	67	83	101

Polymer and Textile Science

100	57	12	87	17	118	22	225	40	230	44
200	37	12	55	17	85	26	114	39	119	45
300	53	42	35	25	48	34	80	52	85	59
400	31	52	52	63	35	41	49	51	54	59
500	111	88	78	56	73	61	51	39	56	50
Total	289	206	307	178	359	184	519	221	544	257

PGD	3	4			3	3	3	3	8	14
Master	24	23	34	34	27	27	14	14	19	25
Ph.D	9	9	18	17	9	9	13	12	18	24
Total	36	36	52	51	39	39	30	29	45	63

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
Statistics										
100	52	149	54	177	82	198	148	260	153	265
200	134	143	81	121	89	128	106	140	111	147
300	80	135	143	180	103	153	118	176	123	186
400	95	111	117	133	181	172	158	159	163	167
Total	361	538	395	611	455	651	530	735	550	765
PGD	46	6	51	7	40	5	28	29	33	34
Master	56	0	58	0	36	0	48	0	53	1
Ph.D	8	0	7	0	8	0	12	0	17	1
Total	110	6	116	7	84	5	88	29	103	36
Social Sciences										
Economics										
100	97	123	118	142	120	175	102	162	107	171
200	106	101	142	109	163	139	148	137	153	144
300	159	180	97	116	136	127	158	159	163	169
400	264	201	251	207	187	159	169	136	174	145
Total	626	605	608	574	606	600	577	594	597	629
Master	49	49	40	43	40	40	44	51	49	58
Ph.D	17	17	17	13	21	21	20	14	25	24
Total	66	66	57	56	61	61	64	65	74	82

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Mass Communication

100	205	159	200	164	160	136	121	103	126	110
200	223	202	266	235	236	240	193	188	198	195
300	212	204	216	208	254	224	224	235	229	244
400	222	179	278	215	266	219	291	225	296	229
Total	862	744	960	822	916	819	829	751	849	778

PGD	22	22	23	23	11	11	15	15	20	22
Master	82	82	61	61	66	66	84	83	89	92
Ph.D							2	2	7	13
Total	104	104	84	84	77	77	101	100	116	127

Political Science

100	188	486	212	558	301	661	209	623	214	625
200	273	279	243	257	246	297	355	374	360	377
300	275	284	261	239	235	209	226	205	231	213
400	320	238	333	259	316	224	284	194	289	198
Total	1056	1287	1049	1313	1098	1391	1074	1396	1094	1413

PGD							16	17	21	25
Master	288	258	257	221	262	245	292	290	297	290
Ph.D	35	82	26	31	24	28	20	37	25	47

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
Total	323	340	283	252	286	273	328	344	343	362

Sociology

100	94	205	98	219	138	286	112	258	117	268
200	105	127	125	176	112	170	154	213	159	220
300	124	106	99	117	119	136	105	121	110	135
400	171	134	172	121	136	97	138	106	143	116
Total	494	572	494	633	505	689	509	698	529	739

PGD									5	10
Master	97	29	115	39	74	10	86	22	91	31
Ph.D	21	22	18	18	13	13	17	17	22	28
Total	118	51	133	57	87	23	103	39	118	69

Veterinary Medicine

Theriogenology and Production

Master	8	1	10	11	11	11	19	17	24	25
Ph.D	2	0	6	3	7	3	10	7	15	18
Total	10	1	16	14	18	14	29	24	39	43

Veterinary Anatomy

Master	1	1	1	2	4	5	3	4	8	16
Ph.D	7	7	7	5	9	7	7	6	12	13

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
Total	8	8	8	7	13	12	10	10	20	29

Veterinary Medicine

100	75	30	129	47	127	49	137	54	142	60
200	74	55	80	61	134	96	140	106	145	113
300	85	76	68	72	77	72	129	107	134	119
400	55	62	84	77	60	75	71	97	76	111
500	59	72	54	71	84	92	57	31	62	44
600	103	61	123	77	121	81	162	127	167	139
Total	451	356	538	405	603	465	696	522	726	586

Master	18	1	26	28	21	24	20	27	25	41
Ph.D	6	0	7	6	10	14	11	8	16	17
Total	24	1	33	34	31	38	31	35	41	58

Veterinary Microbiology

Master	9	3	10	9	7	7	14	13	19	22
Ph.D	8	0	8	6	12	10	5	5	10	16
Total	17	3	18	15	19	17	19	18	29	38

Veterinary Parasitology and Entomology

Master	9	23	8	16	9	14	5	9	10	21
Ph.D	8	4	8	7	7	6	7	5	12	16
Total	17	27	16	23	16	20	12	14	22	37

Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Veterinary Pathology

Master	3	3	7	8	14	15	7	11	12	25
Ph.D	2	12	5	5	6	6	4	2	9	9
Total	5	15	12	13	20	21	11	13	21	34

Veterinary Pharmacology and Toxicology

Master	10	16	8	7	8	6	9	10	14	23
Ph.D	8	10	11	11	11	10	13	8	18	18
Total	18	26	19	18	19	16	22	18	32	41

Veterinary Physiology

Master	4	1	2	6	5	7	9	10	14	20
Ph.D	3	0	2	2	2	1	3	2	8	12
Total	7	1	4	8	7	8	12	12	22	32

Veterinary Public Health and Preventive Medicine

PGD									5	10
Master	44	82	30	68	23	46	19	50	24	67
Ph.D	18	4	16	11	16	15	17	13	22	20
Total	62	86	46	79	39	61	36	63	51	97

Veterinary Surgery and Radiology

Master	9	28	9	9	14	17	8	14	13	31
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Appendix one: Total Student projection

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
Ph.D	14	33	17	15	21	14	18	12	23	20
Total	23	61	26	24	35	31	26	26	36	51

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Accounting

100	131	137	158	159	119	129	121	128	125	130
200	86	82	78	79	60	61	49	50	53	59
Total	217	219	236	238	179	190	170	178	178	189

PGD	67	67	55	55	54	54	47	48	51	53
Master	185	196	144	153	160	165	141	143	145	154
Ph.D	3	3	12	12	1	1	10	10	14	17
Total	255	266	211	220	215	220	198	201	210	224

Business Administration

100	113	102	172	155	141	128	186	168	190	198
200	94	210	107	254	108	249	74	194	78	85
Total	207	312	279	409	249	377	260	362	268	283

PGD	176	153	149	145	132	130	65	63	69	77
Master	318	328	326	328	332	326	313	323	317	339
Ph.D	32	6	19	5	4	4	15	15	19	21
Total	526	487	494	478	468	460	393	401	405	437

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Local Government and Development Studies

100	97	76	72	56	100	78	50	40	54	60
200	62	52	57	47	56	48	69	55	73	82
300	3	2	110	83	77	56	40	30	44	54
Total	162	130	239	186	233	182	159	125	171	196

PGD	5	5					4	4	8	10
Master	39	39	34	32	36	32	49	50	53	58
Ph.D	2	2	1	1	3	5	4	4	8	14
Total	46	46	35	33	39	37	57	58	69	82

Public Administration

100	95	62	87	56	110	70	96	63	100	106
200	57	41	100	70	87	59	68	50	72	79
300	24	18	80	60	74	55	136	103	140	147
Total	176	121	267	186	271	184	300	216	312	332

PGD	178	182	120	121	116	119	89	96	93	96
Master	236	230	207	195	271	255	205	195	209	219
Ph.D	1	13	4	15	6	30	11	34	15	21

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
Total	415	425	331	331	393	404	305	325	317	336

Agriculture

Agricultural Economics and Rural Sociology

PGD	7	7	19	19	12	12	16	16	20	22
Master	11	13	3	33	14	17	44	50	48	54
Ph.D	8	6	7	5	9	5	26	16	30	44
Total	26	26	29	57	35	34	86	82	98	120

Agriculture

100	84	3	106	4	114	5	254	9	258	264
200	30	40	47	59	58	63	46	61	50	32
300			2	2	2	1			4	0
Total	114	43	155	65	174	69	300	70	312	296

Agronomy

PGD	6	6	9	9	8	8	9	9	13	15
Master	13	18	21	26	14	20	9	16	13	17
Ph.D	6	6	8	8	5	6	4	5	8	11
Total	25	30	38	43	27	34	22	30	34	43

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Animal Science

PGD	1	17	9	9	16	16	15	14	19	27
Master	6	26	28	27	31	29	38	38	42	46
Ph.D	3	13	8	8	12	11	23	24	27	31
Total	10	56	45	44	59	56	76	76	88	104

Crop Protection

Master	11	10	8	7	7	6	6	6	10	12
Ph.D	3	3	3	4	5	5	5	3	9	14
Total	14	13	11	11	12	11	11	9	19	26

Plant Science

PGD	2	1			2	2	4	4	8	10
Master	4	6	14	14	5	6	13	15	17	21
Ph.D	5	7	5	6	3	3	5	5	9	14
Total	11	14	19	20	10	11	22	24	34	45

Soil Science

Master	12	14	16	16	17	18	12	17	16	22
Ph.D	3	1	1	1	9	6	9	4	13	24
Total	15	15	17	17	26	24	21	21	29	46

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

African Languages and Cultures

100	97	100	59	66	53	59	26	36	35	40
200	6	32	18	38	27	46	31	48	30	38
Total	103	132	77	104	80	105	57	84	65	78

PGD	8	8	8	8	2	2	2	2	6	8
Master	18	20	24	25	15	15	14	15	18	24
Ph.D	5	5	4	4	5	5	6	6	10	11
Total	31	33	36	37	22	22	22	23	34	43

Arabic

100	102	98	85	94	77	85	67	73	71	77
200	42	50	26	36	63	70	55	63	59	67
Total	144	148	111	130	140	155	122	136	130	144

Master	20	20	19	19	10	10	29	29	33	37
Ph.D	8	8	3	3	8	8	10	10	14	21
Total	28	28	22	22	18	18	39	39	47	58

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Archaeology

100	120	53	140	65	180	80	223	105	227	245
200	66	45	88	54	178	109	67	42	71	94
Total	186	98	228	119	358	189	290	147	298	339

Master	10	10	8	8	15	15	11	11	15	16
Ph.D	1	1	3	3	2	2	6	6	10	11
Total	11	11	11	11	17	17	17	17	25	27

English

100	99	581	176	715	240	821	112	820	116	128
200	71	44	107	73	61	42	90	65	94	103
Total	170	625	283	788	301	863	202	885	210	231

Master	92	92	43	43	63	63	65	65	69	74
Ph.D	7	3	12	11	18	17	23	23	27	32
Total	99	95	55	54	81	80	88	88	96	106

French

100	5	36	4	37	15	49	22	41	26	34
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Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
200	32	23	38	27	24	17	47	34	51	58
Total	37	59	42	64	39	66	69	75	77	92
Master	15	15	14	14	19	19	19	23	23	25
Ph.D	2	0	1	0			10	2	14	20
Total	17	15	15	14	19	19	29	25	37	45
History										
100	51	81	72	134	176	188	96	173	100	119
200	25	14	32	18	33	32	17	11	21	37
Total	76	95	104	152	209	220	113	184	121	156
Master	19	19	9	9	26	26	21	21	25	30
Ph.D	7	6	6	6	9	9	9	9	13	18
Total	26	25	15	15	35	35	30	30	38	48
Philosophy										
Master	5	6	3	3	6	6	11	11	15	18
Ph.D	1	0							4	0
Total	6	6	3	3	6	6	11	11	19	18

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Theatre and Performing Arts

100	39	55	26	59	95	116	75	73	79	89
200	25	25	12	19	20	22	15	21	19	26
300	9	0	9	0	6	0			4	0
Total	73	80	47	78	121	138	90	94	102	115

PGD									4	0
Master	52	52	25	25	14	14	20	21	24	34
Ph.D	12	13	5	5	4	4	10	12	14	16
Total	64	65	30	30	18	18	30	33	42	50

Education

Art and Social Science Education

100	183	178	201	174	315	226	257	179	261	290
200	304	139	337	140	276	115	286	130	290	319
Total	487	317	538	314	591	341	543	309	551	609
Master	119	86	99	80	95	74	108	84	112	141
Ph.D	9	13	16	14	19	17	26	27	30	46
Total	128	99	115	94	114	91	134	111	142	187

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Educational Foundation and Curriculum

PGD	51	49	51	50	63	60	84	84	88	89
Master	97	78	116	101	124	108	109	93	113	122
Ph.D	12	9	29	23	31	23	45	37	49	60
Total	160	136	196	174	218	191	238	214	250	271

Educational Psychology and Counselling

100										
200	120	27	107	27	172	34	198	44	202	218
300	5	2	22	9	21	9	23	10	27	40
Total	125	29	129	36	193	43	221	54	229	258
Master	53	59	39	58	56	76	48	73	52	60
Ph.D	3	11	1	6	11	15	5	11	9	17
Total	56	70	40	64	67	91	53	84	61	77

Library and Information Science

100	107	59	124	106	175	145	191	162	195	206
200	183	127	175	130	270	211	181	146	185	198
Total	290	186	299	236	445	356	372	308	380	404

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
PGD	41	44	47	48	36	38	38	35	42	47
Master	150	125	136	114	213	193	172	150	176	189
Ph.D	3	24			7	27	8	94	12	18
Total	194	193	183	162	256	258	218	279	230	254

Human Kinetics and Health Education

100	8	11	16	35	14	47	62	81	66	79
200	26	20	47	29	36	27	61	47	65	86
Total	34	31	63	64	50	74	123	128	131	165

Master	46	33	43	32	49	36	31	24	35	44
Ph.D	19	16	14	11	29	26	15	12	19	26
Total	65	49	57	43	78	62	46	36	54	70

Science Education

100										
200	316	265	390	311	485	371	507	411	511	550
300	1	16	11	16	11	9	14	10	18	28
Total	317	281	401	327	496	380	521	421	529	578

PGD			1	2					4	0
Master	65	96	67	71	65	79	89	93	93	106

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
Ph.D	19	19	23	27	31	43	48	61	52	65
Total	84	115	91	100	96	122	137	154	149	171

Vocational and Technical Education

100	49	79	111	112	176	174	254	228	258	271
200	129	83	158	95	109	61	152	88	156	172
Total	178	162	269	207	285	235	406	316	414	443

Master	48	38	46	35	53	44	61	46	65	82
Ph.D	5	4	1	1	13	12	14	13	18	27
Total	53	42	47	36	66	56	75	59	83	109

Engineering

Agricultural Engineering

100	29	29	67	67	61	61	100	100	104	110
200	9	2	15	4	14	3	20	3	24	29
300	5	1	7	2	1	0	2	0	6	17
Total	43	32	89	73	76	64	122	103	134	156

Master	9	11	14	15	18	19	23	23	27	34
Ph.D	5	5	7	7	5	3	6	2	10	22

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
Total	14	16	21	22	23	22	29	25	37	56
Chemical Engineering										
100	146	0	122	7	139	8	151	8	155	161
200	41	11	26	8	13	5	12	6	16	22
300	25	19	5	3	4	3			4	0
Total	212	30	153	18	156	16	163	14	175	183
PGD	28	14	17	9	18	9	24	12	28	30
Master	41	46	36	32	45	38	47	48	51	56
Ph.D	3	41	9	35	10	48	18	54	22	28
Total	72	101	62	76	73	95	89	114	101	114
Civil Engineering										
100	128	128	85	85	138	138	146	146	150	155
200	31	9	34	9	46	8	26	8	30	35
300	7	5	3	3	2	2	12	7	16	23
Total	166	142	122	97	186	148	184	161	196	213
Master	39	41	37	39	45	50	46	48	50	57
Ph.D	4	4	11	12	15	15	16	15	20	23
Total	43	45	48	51	60	65	62	63	70	80

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Communication Engineering

100	7	7	15	15	32	32	40	40	44	50
200			20	20	3	3	9	9	13	19
300					1	1			4	10
Total	7	7	35	35	36	36	49	49	61	79

PGD	35	33	33	30	25	12	26	21	30	35
Master	30	23	21	26	27	24	28	31	32	42
Ph.D	2	2			3	3	3	3	7	12
Total	67	58	54	56	55	39	57	55	69	89

Computer Engineering

100	14	14	40	40	31	31	63	63	67	73
200	21	21	22	22	14	12	24	24	28	33
300									4	6
Total	35	35	62	62	45	43	87	87	99	112

PGD	14	16	11	15	14	18	9	11	13	15
Master	6	20	12	24	21	19	16	24	20	25
Ph.D			4	4	5	15	7	26	11	17
Total	20	36	27	43	40	52	32	61	44	57

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Electrical Engineering

100	92	18	84	22	67	23	68	32	72	78
200	37	20	27	23	32	20	30	21	34	40
300	4	3	9	4	5	5	7	4	11	18
Total	133	41	120	49	104	48	105	57	117	136

PGD	35	35	50	49	41	52	52	57	56	62
Master	30	22	52	33	55	48	59	33	63	78
Ph.D	6	4	4	5	5	7	7	5	11	22
Total	71	61	106	87	101	107	118	95	130	162

Mechanical Engineering

100	77	77	80	80	113	113	182	182	186	192
200	22	41	31	46	12	41	15	46	19	25
300	2	2			11	5	6	3	10	18
Total	101	120	111	126	136	159	203	231	215	235

PGD	25	25	26	26	21	21	26	26	30	32
Master	44	44	68	67	95	96	93	94	97	105
Ph.D	6	6	8	9	11	7	14	13	18	27
Total	75	75	102	102	127	124	133	133	145	164

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Metallurgical and Materials Engineering

100	32	32	62	62	69	69	113	113	117	122
200	5	9	7	9	11	8	11	10	15	19
300									4	6
Total	37	41	69	71	80	77	124	123	136	147

Master	2	1	4	3	10	8	13	11	17	23
Ph.D	3	4	2	5	3	6	1	2	5	7
Total	5	5	6	8	13	14	14	13	22	30

Water Resources and Environmental Engineering

100	29	99	95	130	67	165	111	179	115	121
200	2	6	4	7	10	6	9	7	13	19
300	1	1	2	1	2	1			4	0
Total	32	106	101	138	79	172	120	186	132	140

PGD	20	22	24	26	18	18	15	15	19	24
Master	24	24	25	25	56	55	46	48	50	54
Ph.D	2	2	9	9	10	9	18	18	22	28
Total	46	48	58	60	84	82	79	81	91	106

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Environmental Design

Architecture

100	80	75	98	88	101	76	103	77	107	116
200	9	6	4	4	9	7	12	10	16	25
300	6	5	3	2	2	2	8	6	12	18
Total	95	86	105	94	112	85	123	93	135	159

PGD	30	30	33	28	15	15	20	20	24	29
Master	112	111	102	101	101	101	123	123	127	139
Ph.D	11	11	7	7	13	13	19	19	23	28
Total	153	152	142	136	129	129	162	162	174	196

Building

100	103	65	100	67	87	69	152	94	156	162
200	23	14	33	18	16	11	13	10	17	23
300					1	1	3	3	7	16
Total	126	79	133	85	104	81	168	107	180	201

PGD	67	67	59	59	79	79	57	58	61	63
Master	115	113	85	84	99	95	71	73	75	90
Ph.D	10	13	5	6	8	11	10	11	14	17

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
Total	192	193	149	149	186	185	138	142	150	170
Fine Art										
100	23	12	29	16	34	18	31	18	35	41
200	17	13	44	31	15	11	8	7	12	18
300							2	2	6	22
Total	40	25	73	47	49	29	41	27	53	81
Master	20	17	15	14	18	16	10	9	14	21
Ph.D	6	6	14	13	8	8	7	7	11	21
Total	26	23	29	27	26	24	17	16	25	42
Geomatics										
100	20	1	67	4	76	5	97	6	101	108
200	12	7	15	8	6	4	16	10	20	26
Total	32	8	82	12	82	9	113	16	121	134
PGD	8	8	11	11	22	22	12	12	16	18
Master	11	11	11	11	12	12	4	4	8	11
Ph.D	2	2	1	1	1	1	3	3	7	12
Total	21	21	23	23	35	35	19	19	31	41

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Industrial Design

100	52	12	71	17	89	25	138	25	142	158
200	48	22	64	37	61	30	65	27	69	86
300			2	2			2	2	6	23
Total	100	34	137	56	150	55	205	54	217	267

Master	27	30	25	26	27	28	19	21	23	29
Ph.D	1	1	10	9	15	14	12	12	16	22
Total	28	31	35	35	42	42	31	33	39	51

Quantity Surveying

100	57	26	75	31	93	26	126	35	130	136
200	10	10	6	9	16	13	14	6	18	26
300	4	4	3	3	3	3	2	2	6	15
Total	71	40	84	43	112	42	142	43	154	177

Master	29	29	23	23	25	26	44	44	48	52
Ph.D	3	3	4	4	7	8	4	5	8	11
Total	32	32	27	27	32	34	48	49	56	63

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Urban and Regional Planning

100	59	17	71	22	70	20	49	13	53	61
200	16	10	12	9	21	14	10	8	14	22
300			2	2	1	1			4	14
Total	75	27	85	33	92	35	59	21	71	97

Master	16	13	12	12	33	34	14	15	18	22
Ph.D			3	3	3	3	3	2	7	11
Total	16	13	15	15	36	37	17	17	25	33

Law

100	236	174	153	106	271	183	189	142	193	96
200	94	63	93	62	87	59	97	76	101	60
300			3	6	1	4			4	223
Total	330	237	249	174	359	246	286	218	298	379

Civil Law

Master	59	26	66	34	60	28	59	47	63	78
Ph.D	5	5	5	5	4	4	8	8	12	13
Total	64	31	71	39	64	32	67	55	75	91

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Commercial Law

PGD	6	8	9	13	5	9			4	0
Master	14	13	15	20	10	23	32	27	36	48
Ph.D					6	6	8	8	12	13
Total	20	21	24	33	21	38	40	35	52	61

Islamic Law

PGD	4	6	7	10	7	10	4	7	8	10
Master	2	7	5	7	5	5	12	7	16	23
Ph.D							6	3	10	14
Total	6	13	12	17	12	15	22	17	34	47

Private Law

PGD	7	3	18	6	8	3	17	6	21	24
Master	3	14	5	22	9	27	27	26	31	39
Ph.D			1	1	2	2	5	5	9	10
Total	10	17	24	29	19	32	49	37	61	73

Public Law

PGD	19	15	23	18	26	19	22	18	26	28
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Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
Master	5	46	10	33	15	32	16	58	20	31
Ph.D			2	17	3	21	1	47	5	4
Total	24	61	35	68	44	72	39	123	51	63

Life Sciences

Biochemistry

100	154	154	155	155	200	13	96	6	100	106
200	12	22	27	31	24	28	11	22	15	22
Total	166	176	182	186	224	41	107	28	115	128

PGD	46	46	37	38	40	38	34	32	38	44
Master	64	105	88	80	58	57	34	36	38	46
Ph.D	11	3	9	4	18	9	5	5	9	14
Total	121	154	134	122	116	104	73	73	85	104

Biology

100	206	337	201	377	376	470	549	630	553	221
200	20	47	17	58	65	104	36	91	40	26
Total	226	384	218	435	441	574	585	721	593	247

PGD	2	2	6	6	2	2	5	5	9	12
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Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
Master	41	47	46	53	41	42	53	54	57	44
Ph.D	10	9	12	11	27	26	22	18	26	16
Total	53	58	64	70	70	70	80	77	92	72

Microbiology

100	167	167	142	142	178	178	190	190	194	200
200	18	13	26	17	16	12	18	11	22	31
Total	185	180	168	159	194	190	208	201	216	231

PGD	32	32	29	29	21	21	34	34	38	39
Master	61	54	36	33	37	37	43	44	47	51
Ph.D	9	9	8	8	14	14	25	25	29	43
Total	102	95	73	70	72	72	102	103	114	133

College of Medical Sciences

Chemical Pathology

Master	2	2	3	3	1	1	2	2	6	11
Ph.D	4	4			3	3	1	1	5	10
Total	6	6	3	3	4	4	3	3	11	21

Community Medicine

Master	39	40	83	84	62	65	38	40	42	44
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Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Total	39	40	83	84	62	65	38	40	42	44
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Haematology and Blood Transfusion

Master					4	4	4	5	8	10
Ph.D					3	3	3	1	7	10
Total					7	7	7	6	15	20

Human Anatomy

100	100	100	121	121	137	137	196	196	200	208
200	6	21	15	29	13	19	17	20	21	27
	106	121	136	150	150	156	213	216	221	235

PGD							11	10	15	17
Master	25	23	15	14	21	20	28	28	32	34
Ph.D	5	5	4	4	10	8	16	15	20	24
Total	30	28	19	18	31	28	55	53	67	75

Human Physiology

100	105	105	119	119	125	125	192	192	196	201
200	9	25	20	34	12	22	13	21	17	23
300	1	1							4	0
Total	115	131	139	153	137	147	205	213	217	224

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
Master	16	16	13	15	17	18	30	29	34	36
Ph.D	8	8	4	4	8	8	9	8	13	16
Total	24	24	17	19	25	26	39	37	47	52
Medicine										
100	104	21	116	25	115	26	111	33	115	120
200	15	8	12	10	9	7	8	7	12	19
Total	119	29	128	35	124	33	119	40	127	139
Master	7	7	7	7	7	7	5	5	9	11
Ph.D	4	3			2	2	2	2	6	10
Total	11	10	7	7	9	9	7	7	15	21
Nursing Science										
100	147	25	146	27	151	23	177	28	181	186
200	67	9	81	12	45	4	43	4	47	54
Total	214	34	227	39	196	27	220	32	228	240
Master	12	15	17	17	31	32	34	35	38	44
Ph.D	3	3	3	3	4	3	10	8	14	20
Total	15	18	20	20	35	35	44	43	52	64

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Obstetrics and Gynecology

Master					15	15	8	10	12	14
Total					15	15	8	10	12	14

Pathology (Morbidity Anatomy)

Master	8	8	13	13	8	8	9	9	13	16
Ph.D	3	5	1	1	4	4			4	0
Total	11	13	14	14	12	12	9	9	17	16

Pharmaceutical Sciences

Pharmacy

100	105	4	103	4	112	4	132	4	136	142
200	23	14	39	23	20	12	14	9	18	24
300	1	1							4	13
Total	129	19	142	27	132	16	146	13	158	179

Clinical Pharmacy & Pharmacy Practice

Master	4	4	5	6	13	12	17	16	21	24
Ph.D	2	2	3	1	2	1			4	0
Total	6	6	8	7	15	13	17	16	25	24

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Pharmaceutical and Medicinal Chemistry

Master	14	4	13	3	19	5	24	5	28	32
Ph.D	5	5	5	5	6	6	5	5	9	14
Total	19	9	18	8	25	11	29	10	37	46

Pharmaceutics and Pharmaceutical Microbiology

Master	10	26	11	27	15	29	17	41	21	24
Ph.D	2	21	4	7	6	9	7	10	11	16
Total	12	47	15	34	21	38	24	51	32	40

Pharmacognosy and Drug Development

PGD	4	4	3	3	5	5	3	3	7	10
Master	16	17	12	16	15	20	19	22	23	25
Ph.D	3	3	5	4	8	7	10	10	14	20
Total	23	24	20	23	28	32	32	35	44	55

Pharmacology and Therapeutics

Master	18	17	20	19	24	21	17	20	21	27
Ph.D	5	5	8	7	10	10	10	10	14	19
Total	23	22	28	26	34	31	27	30	35	46

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Physical Sciences

Chemistry

100	148	661	167	769	203	895	207	1234	211	219
200	5	46	22	51	21	49	10	42	14	22
Total	153	707	189	820	224	944	217	1276	225	241

PGD	26	1	16	2	28	3	30	3	34	37
Master	36	60	34	51	51	79	53	79	57	64
Ph.D	10	10	17	16	23	22	36	36	40	42
Total	72	71	67	69	102	104	119	118	131	143

Computer Science

100	147	87	102	124	172	133	154	189	158	164
200	81	90	115	101	102	112	75	94	79	91
300	4	6	16	14	16	15	9	10	13	19
Total	232	183	233	239	290	260	238	293	250	274

PGD	40	40	36	36	24	24	27	27	31	37
Master	27	24	28	25	34	32	68	62	72	74
Ph.D	5	5	7	7	6	6	14	14	18	20

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
Total	72	69	71	68	64	62	109	103	121	131

Geography & Environmental Management

100	97	301	126	387	121	493	118	622	122	131
200	18	19	31	37	17	41	52	67	56	69
Total	115	320	157	424	138	534	170	689	178	200

PGD	64	62	57	54	52	50	38	37	42	48
Master	160	165	206	221	289	298	305	324	309	332
Ph.D	8	6	19	9	9	5	20	18	24	36
Total	232	233	282	284	350	353	363	379	375	416

Geology

100	57	29	67	38	58	41	110	52	114	122
200	7	5	9	6	5	5	4	7	8	18
Total	64	34	76	44	63	46	114	59	122	140

PGD	11	12	15	16	5	6	13	14	17	22
Master	32	24	22	18	24	20	30	27	34	42
Ph.D	5	5	7	7	9	9	6	6	10	10
Total	48	41	44	41	38	35	49	47	61	74

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
Mathematics										
100	44	527	56	629	82	735	119	1094	123	1100
200	25	136	22	155	34	139	24	148	28	150
300	69	663	78	784	116	874	143	1242	151	1250
Total										
PGD										
Master	22	56	22	54	27	50	12	44	16	50
Ph.D	10	15	6	9	10	13	13	23	17	30
Total	32	71	28	63	37	63	25	67	33	80
Physics										
100	62	483	81	538	79	629	164	767	168	176
200	4	19	25	30	21	29	20	28	24	31
Total	66	502	106	568	100	658	184	795	192	207
PGD										
Master	30	28	23	20	27	26	29	28	33	45
Ph.D	6	6	7	6	16	16	17	17	21	24
Total	37	35	36	32	43	42	46	45	58	76

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Polymer and Textile Science

100	57	4	87	5	117	7	224	13	228	238
200	6	1	5	1	4	1	10	5	14	20
Total	63	5	92	6	121	8	234	18	242	258

PGD	3	4			3	3	3	3	7	11
Master	17	16	20	20	8	8	12	12	16	21
Ph.D	6	6	12	11	5	5	7	7	11	18
Total	26	26	32	31	16	16	22	22	34	50

Statistics

100	52	110	54	138	82	152	148	210	152	163
200	31	42	31	42	36	48	26	37	30	40
300	6	6	19	18	25	23	31	28	35	41
Total	89	158	104	198	143	223	205	275	217	244

PGD	46	6	51	7	40	5	28	29	32	33
Master	28	28	20	20	15	15	32	32	36	38
Ph.D										
Total	74	34	71	27	55	20	60	61	68	71

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Social Sciences

Economics

100	97	90	118	106	119	137	102	121	106	112
200	30	21	48	30	47	32	32	22	36	45
Total	127	111	166	136	166	169	134	143	142	157

Master	19	19	24	26	22	22	31	37	35	38
Ph.D	2	2	6	3	7	7	11	5	15	22
Total	21	21	30	29	29	29	42	42	50	60

Mass Communication

100	205	114	200	105	160	88	121	68	125	133
200	72	38	62	33	40	24	33	20	37	44
Total	277	152	262	138	200	112	154	88	162	177

PGD	22	22	23	23	11	11	15	15	19	21
Master	43	43	10	10	31	31	71	70	75	85
Ph.D							2	2	6	8
Total	65	65	33	33	42	42	88	87	100	114

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Political Science

100	187	394	212	439	301	549	209	518	213	222
200	63	53	58	60	39	44	61	55	65	75
Total	250	447	270	499	340	593	270	573	278	297

PGD							16	18	20	23
Master	262	233	225	193	244	228	270	274	274	287
Ph.D	4	28	6	8	8	11	6	18	10	12
Total	266	261	231	201	252	239	292	310	304	322

Sociology

100	94	165	98	175	138	236	112	215	116	125
200	15	24	30	38	16	21	21	26	25	31
Total	109	189	128	213	154	257	133	241	141	156

PGD									10	10
Master	71	13	88	22	58	3	85	22	89	99
Ph.D	4	5	3	3	3	3	11	11	15	17
Total	75	18	91	25	61	6	96	33	114	126

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Veterinary Medicine

Theriogenology and Production

Master	2	0	4	5	8	8	10	9	14	17
Ph.D			4	1	3	1	4	1	8	14
Total	2	0	8	6	11	9	14	10	22	31

Veterinary Anatomy

Master	1	1	1	1	3	4	2	3	6	10
Ph.D	4	5	1	1	3	1	2	2	6	10
Total	5	6	2	2	6	5	4	5	12	20

Veterinary Medicine

100	75	15	128	25	126	23	136	25	140	145
200	13	6	11	5	14	7	16	7	20	27
Total	88	21	139	30	140	30	152	32	160	172

Master	13	13	13	14	6	8	9	12	13	19
Ph.D	4	4	1	1	4	3	4	2	8	18
Total	17	17	14	15	10	11	13	14	21	37

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE

Veterinary Microbiology

Master	4	4	4	4	2	2	8	8	12	14
Ph.D	3	3	3	2	4	3	1	1	5	7
Total	7	7	7	6	6	5	9	9	17	21

Veterinary Parasitology and Entomology

Master	3	7	2	3	5	7	2	6	6	11
Ph.D	3	1	1	0	2	1	4	2	8	18
Total	6	8	3	3	7	8	6	8	14	29

Veterinary Pathology

Master	3	2	4	4	10	10	2	5	6	9
Ph.D	1	7	4	3	3	3	3	1	7	12
Total	4	9	8	7	13	13	5	6	13	21

Veterinary Pharmacology and Toxicology

Master	7	10	5	5	5	4	4	4	8	14
Ph.D	1	3	1	1	2	2	4	2	8	17
Total	8	13	6	6	7	6	8	6	16	31

Veterinary Physiology

Appendix Two: Student New Entrants Projections

Faculty/ Department	2013/2014		2014/2015		2015/2016		2016/2017		2017/2018	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
Master	1	0			4	5	5	6	9	13
Ph.D	3	3	1	1	2	1	1	1	5	11
Total	4	3	1	1	6	6	6	7	14	24

Veterinary Public Health and Preventive Medicine

PGD

Master	17	34	8	17	14	25	10	30	14	18
Ph.D	9	9	7	4	8	7	8	4	12	22
Total	26	43	15	21	22	32	18	34	26	40

Veterinary Surgery and Radiology

Master	1	9	6	6	7	8	4	6	8	15
Ph.D	3	10	1	0	3	1	4	2	8	15
Total	4	19	7	6	10	9	8	8	16	30

Appendix Three: Staff Projection

Faculty/ Department/ Year	Students		Academic Staff				Technical Staff			Admin Staff		
	HC	FTE	Professors & Readers	Senior Lecturer	Lec 1 & Below	All Academic Staff	Senior Technical Staff	Junior Technical Staff	All Technical Staff	Senior Admin	Junior Admin	All Admin Staff
Administration												
Accounting												
2013	1281	1393	4	7	18	29				4	3	7
2014	1297	1393	4	8	24	36				4	6	10
2015	1163	1248	4	8	24	36				4	8	12
2016	1060	1134	4	8	27	39				4	8	12
2017	1095	1189	4	8	27	39				4	8	12
Business Administration												
2013	1658	2307	7	8	24	39				2	3	5
2014	1711	2478	8	9	28	45				2	7	9
2015	1679	2532	8	9	28	45				2	10	12
2016	1588	2509	8	10	29	47				2	10	12
2017	1623	2556	8	10	29	47				2	10	12
Local Governmentt & Developmentt Studies												
2013	645	533	5	2	10	17				5	3	8
2014	705	663	5	2	10	17				5	8	13
2015	805	768	5	2	10	17				5	9	14
2016	727	707	5	2	16	23				5	9	14
2017	762	764	5	2	16	23				5	9	14

Faculty/ Department/ Year	Students		Academic Staff				Technical Staff			Admin Staff		
	HC	FTE	Professors & Readers	Senior Lecturer	Lec 1 & Below	All Academic Staff	Senior Technical Staff	Junior Technical Staff	All Technical Staff	Senior Admin	Junior Admin	All Admin Staff

Public Administration

2013	1515	1280	5	6	15	26				6	2	8
2014	1498	1290	5	6	15	26				6	3	9
2015	1328	1210	5	6	16	27				6	5	11
2016	1257	1161	5	6	17	28				6	5	11
2017	1292	1199	5	6	19	30				6	5	11

Agriculture

	498	456										
	537	492										
	626	573										
	802	649										
	842	736										

Agric Economics & Rural Sociology

2013	140	144	7	4	5	16				2	2	4
2014	80	86	7	4	5	16				2	3	5
2015	51	48	7	4	6	17				2	3	5
2016	110	105	8	4	12	24				2	3	5
2017	125	130	8	4	13	25				2	3	5

Agronomy

2013	51	60	18	8	9	35	25	1	26	1	1	2
2014	66	73	18	8	9	35	25	1	26	1	1	2
2015	63	76	18	7	8	33	25	1	26	1	1	2

Faculty/ Department/ Year	Students		Academic Staff				Technical Staff			Admin Staff		
	HC	FTE	Professors & Readers	Senior Lecturer	Lec 1 & Below	All Academic Staff	Senior Technical Staff	Junior Technical Staff	All Technical Staff	Senior Admin	Junior Admin	All Admin Staff
2016	52	65	21	5	8	34	25	1	26	1	1	2
2017	67	92	21	5	8	34	25	1	26	1	1	2
Animal Science												
2013	57	132	8	7	2	17	6	5	11	3	7	10
2014	80	95	8	7	4	19	6	8	14	3	9	12
2015	101	102	8	8	4	20	6	8	14	3	9	12
2016	118	115	8	8	4	20	6	8	14	3	9	12
2017	133	143	8	8	4	20	6	8	14	3	9	12
Crop Protection												
2013	35	35	4	2	11	17	16		16		1	1
2014	33	32	4	2	11	17	16		16		1	1
2015	40	40	4	2	11	17	16		16		1	1
2016	22	21	4	3	11	18	16		16		1	1
2017	32	39	4	3	12	19	16		16		1	1
Plant Science												
2013	20	24	10	4	13	27	26	4	30	6		6
2014	35	37	10	4	15	29	26	4	30	6		6
2015	27	31	10	4	16	30	26	4	30	6		6
2016	29	32	10	4	19	33	26	4	30	6		6
2017	44	63	10	4	19	33	26	4	30	6		6
Soil Science												
2013	40	40	5	4	6	15	3		3	1	1	2
2014	44	41	5	4	7	16	3		3	1	1	2

Faculty/ Department/ Year	Students		Academic Staff				Technical Staff			Admin Staff		
	HC	FTE	Professors & Readers	Senior Lecturer	Lec 1 & Below	All Academic Staff	Senior Technical Staff	Junior Technical Staff	All Technical Staff	Senior Admin	Junior Admin	All Admin Staff
2015	50	47	5	4	8	17	3		3	1	1	2
2016	41	39	5	6	13	24	7	2	9	2	1	3
2017	51	62	5	6	13	24	7	2	9	2	1	3

African Languages & Cultures

2013	389	474	4	3	10	17				5		5
2014	364	447	4	3	10	17				5		5
2015	341	434	4	3	10	17				5		5
2016	298	386	4	3	10	17				5		5
2017	333	468	5	3	10	18				5		5

Arabic

2013	473	552	6	4	6	16				3		3
2014	427	524	6	4	6	16				3		3
2015	474	584	6	4	7	17				3		3
2016	464	568	7	4	7	18				3		3
2017	494	630	8	2	9	19				3		3

Archaeology

2013	561	445	6	1	11	18	1	1	2	2	1	3
2014	651	516	6	1	11	18	1	1	2	2	1	3
2015	919	701	7	2	11	20	1	1	2	3	1	4
2016	1005	767	7	2	11	20	1	1	2	3	2	5
2017	1035	804	7	2	14	23	3	1	4	3	2	5

Faculty/ Department/ Year	Students		Academic Staff				Technical Staff			Admin Staff		
	HC	FTE	Professors & Readers	Senior Lecturer	Lec 1 & Below	All Academic Staff	Senior Technical Staff	Junior Technical Staff	All Technical Staff	Senior Admin	Junior Admin	All Admin Staff

English & Literary Studies

2013	837	1360	11	5	11	27				4	1	5
2014	922	1589	11	5	11	27				4	1	5
2015	1011	1674	11	6	11	28				4	1	5
2016	1037	1805	11	6	11	28				4	1	5
2017	1067	1854	12	6	11	29				4	1	5

French

2013	175	278	5		7	12				4		4
2014	138	214	6		7	13				4		4
2015	128	228	6		7	13				4		4
2016	172	237	6	1	7	14				4	1	5
2017	202	521	6	1	7	14				4	1	5

History

2013	291	327	8	6	7	21				5	4	9
2014	307	370	8	6	7	21				5	4	9
2015	462	508	8	7	7	22				5	4	9
2016	501	602	9	7	8	24				6	4	10
2017	531	665	9	7	8	24				6	4	10

Philosophy

2013	6	6	1		1	2				1	1	2
2014	8	8	1		5	6				1	1	2
2015	12	13	1		5	6				1	1	2

Faculty/ Department/ Year	Students		Academic Staff				Technical Staff			Admin Staff		
	HC	FTE	Professors & Readers	Senior Lecturer	Lec 1 & Below	All Academic Staff	Senior Technical Staff	Junior Technical Staff	All Technical Staff	Senior Admin	Junior Admin	All Admin Staff
2016	17	19	4	1	5	10				1	1	2
2017	27	44	5	3	5	13				1	1	2
Theatre & Performing Arts												
2013	398	441	2	4	6	12	2		2	3	2	5
2014	335	398	2	4	6	12	2		2	3	3	6
2015	325	394	3	4	7	14	2		2	3	3	6
2016	330	402	6	5	7	18	2		2	3	3	6
2017	365	473	8	5	7	20	2		2	3	3	6
Education												
Art and Social Science Education												
2013	1545	1056	10	8	18	36					5	5
2014	1721	1144	11	8	18	37					6	6
2015	1990	1274	12	10	19	41				1	6	7
2016	2018	1298	14	10	20	44				1	6	7
2017	2048	1367	11	9	31	51				1	6	7
Educational Foundation & Curriculum												
2013	297	236	4	1	5	10				2	3	5
2014	327	288	4	1	6	11				2	3	5
2015	351	311	4	3	6	13				2	3	5
2016	321	284	5	4	6	15				2	4	6

Faculty/ Department/ Year	Students		Academic Staff				Technical Staff			Admin Staff		
	HC	FTE	Professors & Readers	Senior Lecturer	Lec 1 & Below	All Academic Staff	Senior Technical Staff	Junior Technical Staff	All Technical Staff	Senior Admin	Junior Admin	All Admin Staff
2017	336	296	6	4	6	16				3	3	6
Educational Psychology & Counselling												
2013	517	366	5	2	2	9				3	2	5
2014	647	486	6	3	2	11				3	2	5
2015	851	586	7	2	2	11				3	2	5
2016	968	668	8	1	4	13				3	2	5
2017	998	714	8	1	4	13				3	2	5
Library & Information Science												
2013	1215	1090	4	3	9	16				10	4	14
2014	1203	1185	4	3	9	16				10	4	14
2015	1493	1396	4	3	9	16				11	4	15
2016	1486	1472	4	3	9	16				11	4	15
2017	1521	1513	4	3	9	16				11	4	15
Human Kinetics and Health Education												
2013	255	228	11		1	12				3	3	6
2014	265	250	11		1	12				3	3	6
2015	290	309	12	1	1	14				3	3	6
2016	325	318	13	1	1	15				4	3	7
2017	355	385	13	2	5	20				4	3	7
Science Education												
2013	1524	1639	11	2	3	16	1		1	1	3	4

Faculty/ Department/ Year	Students		Academic Staff				Technical Staff			Admin Staff		
	HC	FTE	Professors & Readers	Senior Lecturer	Lec 1 & Below	All Academic Staff	Senior Technical Staff	Junior Technical Staff	All Technical Staff	Senior Admin	Junior Admin	All Admin Staff
2014	1882	1853	11	2	5	18	1		1	1	3	4
2015	2392	2199	11	4	5	20	1		1	1	3	4
2016	3547	2922	12	4	5	21	1		1	1	3	4
2017	3577	2943	12	4	5	21	1		1	1	3	4
Vocational & Technical Education												
2013	758	658	7	7	6	20	2	2	4	12	6	18
2014	765	654	7	8	6	21	2	2	4	12	6	18
2015	907	776	7	8	6	21	2	2	4	12	6	18
2016	1112	903	7	9	7	23	2	2	4	12	6	18
2017	1142	993	8	9	7	24	2	2	4	12	6	18
Engineering												
Agricultural Engineering												
2013	269	162	7		7	14	15		15	3	4	7
2014	316	164	7		7	14	15		15	3	4	7
2015	344	163	7		7	14	15		15	3	4	7
2016	411	181	8		7	15	15		15	3	4	7
2017	446	224	8		7	15	15		15	3	4	7
Chemical Engineering												
2013	953	733	8	12	20	40	13	8	21	10	7	17
2014	925	665	9	12	21	42	13	8	21	10	7	17
2015	938	693	10	14	23	47	13	9	22	10	8	18

Faculty/ Department/ Year	Students		Academic Staff				Technical Staff			Admin Staff		
	HC	FTE	Professors & Readers	Senior Lecturer	Lec 1 & Below	All Academic Staff	Senior Technical Staff	Junior Technical Staff	All Technical Staff	Senior Admin	Junior Admin	All Admin Staff
2016	913	649	11	14	26	51	13	9	22	10	8	18
2017	953	694	11	14	31	56	13	9	22	10	8	18
Civil Engineering												
2013	737	463	9	6	16	31	9	4	13	13	10	23
2014	729	462	9	6	17	32	9	4	13	13	10	23
2015	795	495	10	6	17	33	9	4	13	13	10	23
2016	808	482	11	6	17	34	9	4	13	13	10	23
2017	843	521	11	6	17	34	9	4	13	13	10	23
Electrical & Computer Engineering												
2013	1038	771	3	3	29	35	21		21	6	5	11
2014	1123	824	4	3	30	37	21		21	6	5	11
2015	1181	902	5	4	30	39	21		21	6	5	11
2016	1246	964	5	4	34	43	21		21	6	5	11
2017	1366	1248	6	9	35	50	22		22	6	5	11
Mechanical Engineering												
2013	631	549	5	1	13	19	12		12	10	7	17
2014	655	565	6	2	13	21	12		12	11	7	18
2015	740	672	11	3	13	27	12		12	11	8	19
2016	802	708	12	3	17	32	12		12	11	8	19
2017	842	760	5	4	18	27	13		13	11	8	19

Faculty/ Department/ Year	Students		Academic Staff				Technical Staff			Admin Staff		
	HC	FTE	Professors & Readers	Senior Lecturer	Lec 1 & Below	All Academic Staff	Senior Technical Staff	Junior Technical Staff	All Technical Staff	Senior Admin	Junior Admin	All Admin Staff

Metallurgical & Material Eng

2013	286	238	6	4	8	18	7		7	4	3	7
2014	308	226	6	4	8	18	7		7	4	3	7
2015	318	213	6	4	9	19	7		7	4	3	7
2016	369	216	7	4	9	20	7		7	4	3	7
2017	409	279	7	4	9	20	7		7	4	3	7

Water Resources & Env'tal Eng

2013	367	365	3	4	8	15	5	1	6	3	3	6
2014	435	442	4	4	8	16	5	1	6	3	3	6
2015	475	510	4	4	8	16	5	1	6	3	3	6
2016	521	536	4	4	12	20	5	1	6	3	3	6
2017	561	591	4	4	12	20	5	1	6	3	3	6

Environmental Design

Architecture

2013	674	662	7	10	25	42	4		4	11	1	12
2014	677	660	7	12	26	45	4		4	11	1	12
2015	685	644	7	12	26	45	4		4	11	1	12
2016	700	665	7	12	26	45	4		4	11	1	12
2017	735	728	7	13	26	46	4		4	11	1	12

Building

2013	734	697	5	10	12	27	7		7	4	3	7
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Faculty/ Department/ Year	Students		Academic Staff				Technical Staff			Admin Staff		
	HC	FTE	Professors & Readers	Senior Lecturer	Lec 1 & Below	All Academic Staff	Senior Technical Staff	Junior Technical Staff	All Technical Staff	Senior Admin	Junior Admin	All Admin Staff
2014	810	751	5	10	12	27	7		7	4	3	7
2015	770	711	5	10	12	27	7		7	4	3	7
2016	791	722	5	10	12	27	7		7	4	3	7
2017	831	790	5	10	12	27	7	2	9	4	3	7
Fine												
2013	251	298	10	6	5	21	6	1	7	3	10	13
2014	263	305	10	6	5	21	6	1	7	3	10	13
2015	262	293	10	6	5	21	6	1	7	3	10	13
2016	227	246	12	6	5	23	6	1	7	3	10	13
2017	257	363	11	6	5	22	6	1	7	3	10	13
Geomatics												
2013	113	77			9	9	6		6	3	3	6
2014	204	115	1		9	10	6		6	3	3	6
2015	291	179	2		9	11	6		6	3	3	6
2016	354	215	3	2	9	14	6		6	3	3	6
2017	394	283	3	2	14	19	6		6	3	3	6
Industrial Design												
2013	484	385	11	6	9	26	10	2	12	3	12	15
2014	539	432	11	6	10	27	10	2	12	3	13	16
2015	553	414	11	6	10	27	10	3	13	3	13	16
2016	597	417	12	8	10	30	10	3	13	3	14	17
2017	627	501	10	3	5	18	5	3	8	2	3	5

Faculty/ Department/ Year	Students		Academic Staff				Technical Staff			Admin Staff		
	HC	FTE	Professors & Readers	Senior Lecturer	Lec 1 & Below	All Academic Staff	Senior Technical Staff	Junior Technical Staff	All Technical Staff	Senior Admin	Junior Admin	All Admin Staff
Quantity Surveying												
2013	357	396	2	8	10	20	7		7	3	2	5
2014	431	455	2	8	10	20	7		7	3	2	5
2015	474	479	2	8	10	20	7		7	3	3	6
2016	533	454	3	10	10	23	7		7	3	4	7
2017	568	519	3	10	11	24	7		7	3	4	7
Urban & Regional Planning												
2013	384	284	3	1	9	13	2		2	2	2	4
2014	418	339	3	1	9	13	2		2	2	2	4
2015	463	386	3	1	9	13	2		2	2	2	4
2016	408	325	5	1	12	18	2		2	2	2	4
2017	443	388	5	1	13	19	2		2	2	1	3
Law												
2013	1319	1271	22	8	21	51				5	3	8
2014	1671	1582	22	8	21	51				5	4	9
2015	1758	1659	22	8	21	51				5	7	12
2016	1782	1726	22	8	22	52				5	7	12
2017	1882	1912	23	8	26	57				5	7	12
Life sciences												
Biochemistry												
2013	948	798	11	5	33	49	11	1	12	5	8	13
2014	1008	862	11	5	33	49	11	1	12	5	8	13

Faculty/ Department/ Year	Students		Academic Staff				Technical Staff			Admin Staff		
	HC	FTE	Professors & Readers	Senior Lecturer	Lec 1 & Below	All Academic Staff	Senior Technical Staff	Junior Technical Staff	All Technical Staff	Senior Admin	Junior Admin	All Admin Staff
2015	1031	922	11	5	33	49	11	1	12	5	8	13
2016	845	883	11	5	33	49	11	1	12	5	8	13
2017	880	939	11	5	33	49	11	1	12	5	8	13
Biology												
2013	1038	1241	7	3	7	17	11	8	19	2	1	3
2014	1025	1275	7	3	7	17	11	8	19	2	1	3
2015	1069	1407	7	3	7	17	11	8	19	2	1	3
2016	1043	1713	7	3	8	18	11	8	19	2	2	4
2017	1078	1747	7	3	8	18	11	8	19	2	2	4
Botany												
2013	31	0	7	2	11	20	6	3	9	4	7	11
2014	26	0	7	2	11	20	6	3	9	4	7	11
2015	95	9	7	2	13	22	7	3	10	4	7	11
2016	285	25	7	2	13	22	7	4	11	4	7	11
2017	315	47	7	2	13	22	7	4	11	4	7	11
Microbiology												
2013	875	543	8	4	10	22	14		14	4	2	6
2014	909	563	8	4	12	24	14		14	4	2	6
2015	877	501	8	4	12	24	14		14	4	2	6
2016	919	524	8	4	14	26	14		14	4	2	6
2017	954	557	8	4	14	26	14		14	4	2	6
Zoology												
2013	30	15	7	2	6	15	7	5	12	1	1	2

Faculty/ Department/ Year	Students		Academic Staff				Technical Staff			Admin Staff		
	HC	FTE	Professors & Readers	Senior Lecturer	Lec 1 & Below	All Academic Staff	Senior Technical Staff	Junior Technical Staff	All Technical Staff	Senior Admin	Junior Admin	All Admin Staff
2014	33	12	7	2	7	16	7	5	12	1	1	2
2015	99	63	7	2	7	16	7	5	12	1	1	2
2016	250	157	7	2	7	16	8	5	13	1	1	2
2017	280	222	7	2	7	16	8	5	13	1	1	2
College of Medical Sciences												
Medicine												
2013	576	582	76	59	91	226	32	3	35	32	22	54
2014	679	538	77	59	95	231	34	3	37	32	22	54
2015	586	429	77	59	95	231	34	3	37	32	23	55
2016	640	523	77	60	99	236	37	3	40	32	23	55
2017	720	654	79	60	100	239	37	3	40	32	24	56
Human Anatomy												
2013	421	334	1	6	17	24	13	15	28	4	8	12
2014	467	407	1	6	17	24	13	15	28	4	8	12
2015	522	437	1	6	17	24	13	15	28	4	8	12
2016	654	512	1	6	18	25	13	15	28	4	8	12
2017	689	559	1	6	18	25	13	15	28	4	8	12
Human Physiology												
2013	426	322	1	7	14	22	14	1	15	5	4	9
2014	483	393	1	7	14	22	14	1	15	5	4	9
2015	508	429	1	7	14	22	14	1	15	5	4	9
2016	607	463	1	7	14	22	14	1	15	5	4	9
2017	637	501	1	7	14	22	14	1	15	5	4	9

Faculty/ Department/ Year	Students		Academic Staff				Technical Staff			Admin Staff		
	HC	FTE	Professors & Readers	Senior Lecturer	Lec 1 & Below	All Academic Staff	Senior Technical Staff	Junior Technical Staff	All Technical Staff	Senior Admin	Junior Admin	All Admin Staff
Nursing Science												
2013	575	310	1	3	10	14	7		7	7	4	11
2014	676	319	1	3	10	14	7		7	7	4	11
2015	760	363	1	3	10	14	7		7	7	4	11
2016	958	535	3	3	10	16	7		7	7	4	11
2017	993	577	3	3	14	20	7		7	7	4	11
Pharmaceutical Sciences												
2013	963	852	35	21	36	92	38	6	44	11	4	15
2014	985	856	36	21	38	95	38	6	44	11	4	15
2015	1026	896	38	21	39	98	38	6	44	11	4	15
2016	982	843	38	22	40	100	38	6	44	12	4	16
2017	1072	977	39	24	41	104	38	6	44	12	4	16
Physical sciences												
Chemistry												
2013	767	1729	11	9	19	39	11	2	13	4	5	9
2014	836	1946	11	9	19	39	11	2	13	4	5	9
2015	920	2134	11	9	19	39	11	2	13	4	5	9
2016	993	2669	11	9	19	39	11	2	13	4	5	9
2017	1028	2688	11	9	19	39	11	2	13	4	5	9
Computer Science												
2013	886	888	2		22	24				1	1	2

Faculty/ Department/ Year	Students		Academic Staff				Technical Staff			Admin Staff		
	HC	FTE	Professors & Readers	Senior Lecturer	Lec 1 & Below	All Academic Staff	Senior Technical Staff	Junior Technical Staff	All Technical Staff	Senior Admin	Junior Admin	All Admin Staff
2014	949	1039	2		24	26				1	1	2
2015	1030	1186	2		28	30				1	1	2
2016	1073	1265	2		31	33				2	1	3
2017	1108	1292	2		31	33				2	1	3
Geography & Environmental Management												
2013	894	1196	4	5	10	19	6		6	2	4	6
2014	944	1335	4	5	10	19	6		6	2	4	6
2015	995	1531	4	6	1	21	6		6	2	4	6
2016	986	1715	6	6	11	23	6		6	2	4	6
2017	1021	1784	7	6	12	25	6		6	2	4	6
Geology												
2013	389	329	7	4	6	17	6		6	4	5	9
2014	388	322	7	4	6	17	6	1	7	4	5	9
2015	360	309	8	4	6	18	6	1	7	4	5	9
2016	399	328	8	5	6	19	7	1	8	6	5	11
2017	434	385	9	4	6	19	6	2	8	6	6	12
Mathematics												
2013	507	1765	8	3	14	25				6	3	9
2014	495	1853	10	4	17	31				6	3	9
2015	475	1952	14	4	17	35				6	3	9
2016	477	2416	17	8	19	44				6	3	9
2017	507	2504	17	8	19	44				6	3	9

Faculty/ Department/ Year	Students		Academic Staff				Technical Staff			Admin Staff		
	HC	FTE	Professors & Readers	Senior Lecturer	Lec 1 & Below	All Academic Staff	Senior Technical Staff	Junior Technical Staff	All Technical Staff	Senior Admin	Junior Admin	All Admin Staff

Physics

2013	347	901	5	3	16	24	17		17	7	4	11
2014	371	1005	5	3	16	24	17		17	7	4	11
2015	404	1110	5	6	21	32	17		17	7	4	11
2016	505	1284	5	4	15	24	17		17	5	4	9
2017	540	1351	5	2	21	28	27	9	36	5	4	9

Polymer & Textile Science

2013	325	242	10	2	6	18	10		10	4	4	8
2014	359	229	10	2	8	20	10		10	4	4	8
2015	398	223	10	2	8	20	10		10	4	4	8
2016	549	250	10	2	10	22	10		10	4	4	8
2017	589	320	10	2	11	23	10		10	4	4	8

Statistics

2013	471	544	1		5	6				2	1	3
2014	511	618	1		6	7				2	1	3
2015	539	656	1		8	9				2	1	3
2016	618	764	1		11	12				2	1	3
2017	653	801	1		12	13				2	1	3

Social Sciences

Economics

2013	692	671	4	6	8	18				1	2	3
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Faculty/ Department/ Year	Students		Academic Staff				Technical Staff			Admin Staff		
	HC	FTE	Professors & Readers	Senior Lecturer	Lec 1 & Below	All Academic Staff	Senior Technical Staff	Junior Technical Staff	All Technical Staff	Senior Admin	Junior Admin	All Admin Staff
2014	665	630	4	6	13	23				1	2	3
2015	667	661	4	7	13	24				1	2	3
2016	641	659	8	7	16	31				1	4	5
2017	671	711	8	7	16	31				1	4	5
Mass Communication												
2013	966	848	4	1	13	18	2		2	3	3	6
2014	1044	906	4	2	15	21	2		2	3	3	6
2015	993	896	5	2	15	22	3		3	3	3	6
2016	930	851	5	5	20	30	3		3	3	3	6
2017	965	905	6	5	21	32	3		3	3	3	6
Political Science												
2013	1379	1627	8	8	18	34				2	5	7
2014	1332	1565	8	8	18	34				2	5	7
2015	1384	1664	9	8	18	35				2	5	7
2016	1402	1740	9	8	19	36				2	5	7
2017	1437	1775	9	8	23	40				2	5	7
Sociology												
2013	612	623	6	4	8	18				3	5	8
2014	627	690	6	4	8	18				3	5	8
2015	592	712	6	4	8	18				3	6	9
2016	612	737	7	4	8	19				3	6	9
2017	647	808	7	4	8	19				3	6	9

Faculty/ Department/ Year	Students		Academic Staff				Technical Staff			Admin Staff		
	HC	FTE	Professors & Readers	Senior Lecturer	Lec 1 & Below	All Academic Staff	Senior Technical Staff	Junior Technical Staff	All Technical Staff	Senior Admin	Junior Admin	All Admin Staff

Veterinary Medicine

2013	642	585	34	16	39	89	49	17	66	28	24	52
2014	736	640	34	16	39	89	49	17	66	28	24	52
2015	820	703	36	17	40	93	50	17	67	28	27	55
2016	904	755	41	18	41	100	52	17	69	28	29	57
2017	1039	1046	42	18	41	101	52	17	69	28	29	57

Appendix Four: Total Incomes/Expenditure Projections

Estimation of Fees by Category Of Students

	UNDERGRADUATE		POSTGRADUATE		REMEDIALS (SBRS) (₦)
	NIGERIANS (₦)	NON- NIGERIANS (₦)	NIGERIANS (₦)	NON- NIGERIANS (₦)	
2013/14	618,053,550.00	4,470,950.00	615,969,000.00	4,470,950.00	16,040,000.00
2014/15	692,161,750.00	3,600,100.00	1,055,437,500.00	4,167,500.00	128,000,000.00
2015/16	842,605,150.00	2,611,300.00	981,753,000.00	4,362,000.00	97,421,000.00
2016/17	1,011,126,180.00	2,480,735.00	1,030,840,650.00	4,580,100.00	100,000,000.00
2017/18	960,569,871.00	2,356,698.25	1,082,382,682.50	4,809,105.00	101,000,000.00

NOTE: The fees for 2013/2014 to 2015/2016 sessions are the actual fees generated while that of 2016/2017 to 2017/2018 sessions are estimate based on the expectation that the undergraduate students are projected to reduce by 5% while the postgraduate and remedial students are expected to rise by an average of 5% annually.

Given the fees schedule and a provision for a modest rate of 20% for inflation and cost of funds we present below a projected estimate of income to be generated from students' fees for Five years.

Estimated Income from Student Fees 2013 – 2018

YEAR	TUITION FEES (N)	OTHER FEES (N)	TOTAL (N)
2013/14	796,311,700.00	963,595,860.00	1,759,907,560.00
2014/15	730,442,800.00	1,504,838,833.00	2,235,281,633.00
2015/16	703,214,300.00	1,700,854,101.94	2,404,068,401.94

2016/17	784,273,300.00	1,784,268,948.75	2,568,542,248.75
2017/18	792,116,033.00	1,802,111,638.24	2,594,227,671.24

NOTE: The fees for 2013/2014 to 2015/2016 sessions are the actual fees generated while that of 2016/2017 to 2017/2018 sessions are estimate based on the expectation that the undergraduate students are expected to reduce by 5% while the postgraduate students are expected to rise by an average of 5% annually.

YEAR	FEDERAL GOVERNMENT ALLOCATION (N)	EXTERNAL GRANTS (N)	INVESTMENT INCOME (N)	RENT OF UNIV. PROPERTY (N)	CONSULTANCY SERVICES (N)	GIFTS & DONATIONS (N)	FEES FROM STUDENTS (N)	OTHER INCOMES (N)	TOTAL INCOME (N)
2013/ 2014	11,941,099,042.54	114,356,926.00	86,676,369.10	34,359,086.51	-	14,062,500.00	1,759,907,560.00	417,324,135.18	14,367,785,619.33
2014/ 2015	12,972,635,828.29	56,342,446.40	8,783,283.39	90,047,589.10	-	311,862,672.60	2,235,292,633.00	474,871,172.15	16,149,835,624.93
2015/ 2016	12,821,871,402.23	150,640,975.10	11,844,669.33	102,922,001.96	-	14,062,500.00	2,404,068,401.94	689,859,364.27	16,195,269,314.83
2016/ 2017	13,188,941,250.00	290,604,405.81	58,000,000.00	110,000,000.00	20,000,000.00	44,807,662.49	2,598,542,248.75	702,809,965.00	17,013,705,532.05
2017/ 2018	13,320,830,662.50	293,510,449.87	58,580,000.00	111,100,000.00	20,200,000.00	45,255,739.11	2,624,527,671.24	709,838,064.65	17,183,842,587.37

The table above gives the estimated income to be generated by the University from the different sources earlier discussed

NOTE:

1. The information for 2013/2014 to 2015/2016 sessions are the actual income generated while that of 2016/2017 to 2017/2018 sessions are estimates.
2. The Federal Government's allocations of 2013/2014 – 2015/2016 are after the deduction of Social contribution (i.e Employer Pension and NHIS) since they are deducted at source.

Estimates of Personnel Costs for Academic Staff

YEAR	PROFESSOR, ASSOCIATE PROF. & READERS		SENIOR LECTURERS		LECTURERS 1 & BELOW		TOTAL	
	NO.	COST (₦)	NO.	COST (₦)	NO.	COST (₦)	NO.	COST (₦)
2013/14	558	2,948,557,856.50	392	1,416,886,928.74	1012	2,026,604,803.29	1962	6,392,049,588.53
2014/15	553	2,914,359,792.86	375	1,348,575,395.71	1005	2,012,778,519.18	1933	6,275,713,707.75
2015/16	540	2,838,340,996.23	367	1,312,617,610.94	1062	2,103,337,887.92	1969	6,254,296,495.09
2016/17	535	2,813,538,032.23	369	1,320,754,556.12	1073	2,119,202,427.97	1977	6,253,495,016.32

NOTE: The information for 2013/2014 to 2015/2016 sessions are the actual Personnel costs while that of 2016/2017 session is an estimate.

ESTIMATES OF PERSONNEL COSTS FOR NON-ACADEMIC STAFF

YEAR	SENIOR TECHNICAL STAFF		SENIOR ADMINISTRATIVE STAFF		JUNIOR STAFF		TOTAL	
	NO.	COST (₦)	NO.	COST (₦)	NO.	COST (₦)	NO.	COST (₦)
2013/14	354	633,786,122.36	2142	3,586,739,437.32	2515	1,444,461,260.74	5011	5,664,986,820.41
2014/15	354	632,463,899.65	2227	3,624,911,131.15	3072	1,587,902,208.71	5653	5,845,277,239.51
2015/16	349	620,371,012.61	2173	3,737,038,334.24	2914	1,250,169,760.40	5436	5,607,579,107.24
2016/17	348	618,938,742.64	2342	3,732,852,464.19	2918	1,280,372,445.61	5608	5,632,163,652.45

NOTE:

1. In the Junior Staff category, the number consists of 385, 381, 282, and 286 staff on Zerograde for 2013/2014, 2014/2015, 2015/2016 and 2016/2017 sessions respectively.
2. The number of staff in the Senior staff category comprises 17 Staff of Distance Learning Centre each for 2015/2016 and 2016/2017 sessions while that of Junior staff comprises 13 and 14 for 2015/2016 and 2016/2017 sessions respectively.

In arriving at the total recurrent needs of the university in the first seventeenth years, the NUC approved funding parameters were used. Salaries and non-salary personnel emoluments was allocated 60% of the total recurrent funds, while the remaining 40% was allocated to goods and services. The university library is expected to get not less than 10% of the total recurrent funds, while not less than 5% would be allocated to research.

The table below gives an estimated recurrent expenditure of the university for the first Five years

ESTIMATED RECURRENT EXPENDITURE 2013 - 2018

YEAR	SALARIES & NSPE (MAX. 60% OF TOTAL) (₦)	GOODS & SERVICES (MIN. 40% OF TOTAL) (₦)	TOTAL (₦)
2013/14	12,057,036,408.95	2,706,913,205.21	14,763,949,614.16
2014/15	12,120,990,947.26	2,879,292,314.80	15,000,283,262.06
2015/16	11,861,875,602.33	3,312,741,663.70	15,174,617,266.03
2016/17	11,885,658,668.77	3,583,706,027.68	15,469,364,696.45
2017/18	12,089,197,479.61	3,762,891,329.07	15,852,088,808.68

NOTE: The information for 2013/2014 to 2015/2016 sessions are the actual recurrent expenditure incurred while that of 2016/2017 and 2017/2018 sessions are estimates.

ESTIMATED CAPITAL EXPENDITURE 2013 - 2018

YEAR	MAIN CAPITAL EXPENDITURE (MAX. 60% OF TOTAL) (₦)	TEACHING AND RES. EQUIPMENT GRANT (MIN. 40% OF TOTAL) (₦)	TOTAL (₦)
2013/14	434,162,714.88	-	434,162,714.88
2014/15	377,788,208.88	-	377,788,208.88
2015/16	398,423,926.22	-	398,423,926.22
2016/17	514,207,090.29	-	514,207,090.29
2017/18	565,627,799.32	-	565,627,799.32

NOTE: The information for 2013/2014 to 2015/2016 sessions are the actual capital expenditure incurred while that of 2016/2017 and 2017/2018 sessions are estimates.

COMPARISON OF INCOME AND EXPENDITURE 2013 - 2018

YEAR	RECURRENT EXPENDITURE (₦)	CAPITAL EXPENDITURE (₦)	TOTAL EXPENDITURE (₦)	ESTIMATED INCOME (₦)	DIFFERENCE B/W INCOME & EXPENDITURE (₦)
2013/14	14,763,949,614.16	434,162,714.88	15,198,112,329.04	14,367,785,619.33	830,326,709.71
2014/15	15,000,283,262.06	377,788,208.88	15,378,071,470.94	16,149,835,624.93	771,764,153.99
2015/16	15,174,617,266.03	398,423,926.22	15,573,041,192.25	16,195,269,314.83	622,228,122.58
2016/17	15,469,364,696.45	514,207,090.29	15,983,571,786.74	17,013,705,532.05	1,030,133,745.31
2017/18	15,852,088,808.68	565,627,799.32	16,417,716,608.00	17,183,842,587.37	766,125,979.37

