

TERTIARY EDUCATION TRUST FUND

LIST OF TENABLE INSTITUTIONS THAT HAVE SUBMITTED THEIR AREAS

S/N	NAME OF INSTITUTION	AREAS OF STRENGTH/SPECIALIZATION
1	American University of Nigeria, Yola	Business Administration (M.Sc/M.Phil./Ph.D)
		Chemical Engineering (M.Eng/M.Phil/Ph.D)
		Communication and Multi-Media Design (M.Sc/Ph.D)
		Computer Engineering (M.Sc/Ph.D)
		Computer Science (M.Sc./Ph.D)
		Data Science & Analytics (M.Sc)
		Electrical & Electronics Engineering (M.Eng./M.Phil/Ph.D)
		English Language & Literature (M.A)
		Information Systems (M.Sc/Ph.D)
		Petroleum Chemistry (M.Sc./Ph.D)
		Telecommunication Engineering (M.Eng./M.Phil./Ph.D)

Agricultural Science

Faculty of Pharmacy

Faculty of Science

Faculty of Encironmental Design and Management

2

Obafemi Awolowo University, Ile-Ife

Faculty of Engineering

Faculty of Arts

Faculty of Clinical Sciences

Faculty of Computing Science and Engineering

African Centre of Excellence (ACE)

Central Science Laboratory

Institutes of Ecology and Environmental Studies and Entrepreneurship and
Development Studies

		Faculty of Law
3	Madonna University, Elele	Faculty of Administration and Management Sciences
		Faculty of Arts
		Faculty of Basic Medical Sciences
		Faculty of Communication and Media Studies
		Faculty of Education
		Faculty of Engineering
		Faculty of Health Sciences
		Faculty of Law
		Faculty of Pharmacy
		Faculty of Sciences and Computing

Arts & Social Sciences (Economics Ph.D)

Political Science

Engineering Electrical &Electronis (Ph.D)

Civil Engineering (Ph.D)

Computer Engineering (Ph.D)

Petroleum and Gas Engineering (Ph.D)

Accounting (Ph.D)

Management (Ph.D)

Law (Ph.D)

Industrial Chemistry

5	Modibbo Adama University, Yola	Agriculture	
		Administration and Managemnet	
		Education	
		Engineering, Computing and Technology	
		Environmental Sciences	
		Sciences	
		Social Sciences	
		Administration and Management	

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Ahmadu Bello University, Zaria

Agriculture

Arts

Basic Medical and Health Sciences

Education

Engineering and Technology

Environmental Sciences

Law

College of Health Sciences

Faculty of Engineering

Faculty of Pharmaceutical Sciences

Faculty of Physical of Physical Sciences

Faculty of Communication

Faculty of Life Sciences

Faculty of Arts and Islamic Study

Faculty of Computing

Faculty of Earth and Environmental Sciences

College Of Medical Sciences

Faculty Of Agriculture

University of Maiduguri

Faculty Of Arts

Faculty Of Education

Faculty Of Engineering

Faculty Of Life Sciences

Faculty Of Management Sciences

Faculty Of Pharmacy

Faculty Of Physical Sciences

Faculty Of Social Sciences

Faculty Of Veterinary Medicine

D	
OF STRENGHT/SPECIALIZATION	
REMARKS	

<p>The University has made significant contributions to agricultural research and development particularly in crop improvement. Notable achievements include the development of high-yield and disease-resistant crop varieties such as Ife Brown and Ife Bimpe Cowpea varieties</p>	
<p>This is the first Faculty of Pharmacy in Nigeria. The Faculty has recently attracted several competitive research grants and recorded remarkable innovations in pharmaceutical sciences</p>	
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<p>The Department of Mathematics has produced distinguished Scholars, including recipients and occupants of the Pastor E.A. Adebayo Professorial Chair</p>	
<p>The Department of Geology hosts the Shell PLC Professorial Chair. Other departments within the Faculty are equally noted for their academic excellence.</p>	
<p>The Department of Architecture has produced some of the finest architects in Nigeria</p>	
<p>The Department Quantity Surveying is widely regarded as one of the best in the Country</p>	

<p>The Department of Chemical Engineering is the first of its kind in Nigeria and has produced many outstanding engineers who have contributed significantly to national development.</p>	
<p>The Department of Electrical and Electronic Engineering and Civil Engineering are notable for their innovative research outputs and patents</p>	
<p>The Various departments in the Humanities are well recognised locally and internationally for academic excellence, cultural scholarship and the attraction of foreign students.</p>	
<p>The Department of surgery is reputed to be among the best in the Country, with strong training and research capacity</p>	
<p>The Faculty houses departments such as Computer Engineering, Cyber Security, Information Systems, Software Engineering, and Intelligent Systems Engineering, all of which are at the forefront of contemporary computing and digital innovation</p>	
<p>The Centre is fully funded and equipped with advanced postgraduate research laboratories, providing a strong platform for high-level research and training</p>	
<p>The facility is one of the best in the Country and offers extensive research support and opportunities for postgraduate research</p>	
<p>The Institute of Ecology and Environmental Studies and the Institute of Entrepreneurship and Development Studies provide enabling environments for innovative, multidisciplinary postgraduate research</p>	

International Trade	
Monetary Economics	
Political Theory and Philosophy	
Comparative Politics	
International Relations and Diplomacy	
Governance and Development Studies	
Political Economy	
Conflict, Peace and Strategic Studies	
Electoral Studies	
Artificial Intelligence	
Machine Learning	
Robotics	
Natural Language Processing (NLP)	
Computer Vision and Multi-Agent Systems	
Human AI Interaction, Industrial automation, healthcare	
Financial Technologies (FinTech)	
Smart Environment	
Data Science & Analytics	
Big Data mining, probabilistic models and decision	

Computing, Algorithms and Application	
Bioinformatics	
Databases	
Data Communication and Networking	
Cybersecurity	
Information systems	
Cryptography, intrusion detection, malware analysis, secure software systems	
Cyber-physical systems & security	
Blockchain Technology	
Privacy-preserving	
Digital payments, blockchain and distributed ledger technologies, computational finance, algorithmic trading, financial risk modelling, fraud detection and regulatory technologies (RegTech)	
Information Technology	
Software Engineering	
Computer/Network Information Security	
Power and Energy Systems	
Wireless, mobile and stellite communication systems	
Control Systems Engineering	
Signal Processing	

Instrumentation Engineering	
Electromagnetic and Microwave Engineering	
Renewable Energy Engineering	
AI and Machine Learning for smart Systems	
Structural Engineering	
Geotechnical Engineering	
Transportation and Highway Engineering	
Water Resources and Environmental Engineering	
Construction Management	
Artificial Intelligence and Machine Learning	
Computer Security	
Software Engineering and Systems Development	
Computer Networks and Communication	
Computer Vision	
Computer Hardware and Convergent technologies	
Reservoir Engineering and Carbon Management (Including CCS and EOR)	
Natural Gas and Sustainability Engineering (Gas processing and Hydrogen)	
Production and Environmental Engineering (Well integrity and impact mitigation)	
Petroleum Engineering Economics and Energy Policy (Techno-Economic Modelling and Risk Analysis)	

Accounting Regulation and Financial Reporting	
Sustainability Reporting and Environmental Accounting	
Corporate Governance	
Auditing and Forensic Accounting	
Public Sector Accounting	
General Management	
Human Resource Management	
Project Management	
Financial Management	
Marketing Management	
Energy and Natural Resources Law and Policy (Diverse areas, but mostly Energy Transition legal frameworks)	
ICT and Telecommunication Law (Diverse areas e.g Fintech, E-Commerce, Cybercrimes)	
Financial Law and Policy/International Economic Law (Diverse Areas like Corporate Governance, International Trade and Investment law, Public Private Partnerships)	
International Humanitarian Law and Human Rights Law	
Industrial Chemistry	
Environmental Chemistry and Pollution Control	

Agricultural economics, Agricultural extension and rural sociology, Animal production, breeding and protection, forestry and wildlife management, Fisheries, Soil Sciences and Food science and technology	
Political science, Public administration, Peace and Conflict Studies, Security studies and Business administration.	
Technology education, Vocational education, Physical and life sciences education, Electrical technology education, Guidance and Counseling, Educational psychology, Curriculum and Instruction, Educational management, Measurement and Evaluation, and History and policy of education	
Electric and Electronics Engineering, Telecommunication Engineering, Civil Engineering, Computer Science, ICT, Information Technology and Management, Mechanical Engineering, Agricultural and Environmental Engineering, Operations Research, Library and Information Science and Data Science	
Geography, Environmental management Architecture, Construction Project management, Urban and regional Planning, Survey and geoinformatics and Industrial design.	
Biochemistry, Biotechnology, Industrial and environmental chemistry, Health and energy physics, geophysics, Mineral exploration geology, Petroleum geology, Medical Microbiology, Environmental Microbiology, Industrial Microbiology, Food Microbiology, Public Health Microbiology, and Pharmaceutical Microbiology, Plant Science (Cytogenetics and Plant breeding) and Statistics	
Accountancy, Banking and Finance, Economics	
Strong public sector reform orientation, fiscal governance research, and policy-linked postgraduate training	

Extensive agricultural research farms, long-standing expertise in food security, rural transformation, and climate-adaptive farming systems. Only University with the most intense agric-hub in West Africa with Institute for Agricultural Research (IAR), National Agricultural Extension and Research Liason Services (NAERLS) and National Animal Production Research Institute (NAPRI)	
Cultural preservation leadership, linguistic scholarship in major African languages, and trans-Saharan historical research	
Integrated biomedical laboratories and translational research capacity supporting Nigeria's health sector	
In addition, Ahmadu Bello University is one of only two major Nigerian universities collaborating with the Nigeria Centre for Disease Control (NCDC), the Federal Ministry of Health Nigeria, and the Federal Ministry of Agriculture and Rural Development Nigeria to run the Nigeria Field Epidemiology and Laboratory Training Programme (NFELTP) in conjunction with Veterinary medicine	
This collaboration underscores ABU's national leadership in epidemiology, disease surveillance, laboratory systems strengthening, and public health emergency preparedness — areas of critical relevance to national and continental health security priorities	
Teacher training legacy, curriculum innovation, and educational leadership development across all levels	
Strong linkage with ACENPEE; laboratory modernisation; industry-facing research; infrastructure and water systems expertise critical to national development.	
Sustainable urban development focus, GIS applications, climate-responsive architecture and built-environment innovation	
Established jurisprudential scholarship and public law expertise	

Clinical research integration with biomedical sciences and public health relevance.	
Pharmaceutical research capacity and drug development studies.	
Strong fundamental science base supporting applied innovation and industrial development. International certification	
Peace-building scholarship relevant to national security, governance, and development planning	
Advanced animal health research and zoonotic disease expertise.	
Professional postgraduate programmes aligned with industry and public sector management needs	
<p>The faculty of Agriculture in BUK has positioned itself as a reliable research and manpower development centre within and outside Nigeria. Through its Centre for Dryland Agriculture (CDA), MOUs for research and training with institutions from West, East, Central and South Africa under a World Bank funding initiative has been signed to provide manpower training for universities from Kenya, Zimbabwe, Senegal, Niger Republic, Mali, Sierra Leon, Gabon, and Benin Republics among others. The faculty also has established strong MOUs on research and manpower development with Agencies such as IITA, ICRISAT, CIMMYT, CERSA, AGRA, etc. Bayero University through the CDA was also a partner with National Cereals Research Institute, Badeggi, Niger State and Harvestplus Nigeria in the Nomination of High Yielding Biofortified Lowland Rice FARO 71 and FARO 72 for Registration and Release in Nigeria</p>	

The College of Health Sciences comprising of the Faculties of Clinical Sciences, Faculty of Allied Health Sciences, and Faculty of Basic Medical Sciences have been in the forefront in promoting research and manpower development in BUK. Indices on research and manpower development, as well as facilities from these three faculties were instrumental in projecting BUK to be 3rd best university consistently in Nigeria, in the TIMES Higher Education for the last three years and 2026 ranking. The Faculty of Clinical Sciences continues to attract partnership with institutions from USA, Europe, Africa and Asia. One of the Top 2% Global Scientist is from the College. The College through the ACEPHAP also provide manpower development to nationals from West, Central, and East Africa under the World Bank project.

The Faculty of Engineering being one of the old faculties is blessed with strong research base and facilities that promote research and manpower development. The faculty was supported with research facilities and equipment through assistance from the NNPC. One of the Top 2% Global Scientists is from the faculty. Indices on research and manpower development, as well as facilities from the faculty were instrumental in projecting BUK to be 3rd best university consistently in Nigeria, in the TIMES Higher Education for the last three years and 2026 ranking.

The Faculty of Pharmaceutical Sciences in BUK is the first university in Nigeria to award the Doctor of Pharmacy degree. The Faculty remains the only faculty in Nigerian universities to be granted permission by the Pharmaceutical Council of Nigeria (PCN) for an approved 6 months training program for Foreign Pharmacy Graduates Remedial Program (FPGRP). The program is aimed “To provide refresher training for Pharmacists trained abroad with deficiency in their curriculum contents for necessary upgrade to meet Nigeria’s standard before they qualify to undertake regular foreign pharmacy graduates orientation and practice”.

<p>The Faculty of Physical Sciences remain an integral part of the research base of the university providing foundation science to all science based faculties in the university as well as promoting global research and partnership with institutions from the USA. One of the Top 2% Global Scientist is from the faculty. Indices on research, manpower development, and facilities from the faculty were part of the inputs that propel BUK to achieve the 3rd best position ranking among universities in Nigeria for the last four years. The faculty is also home to a Central laboratory complex that promotes research and manpower development in the university.</p>	
<p>The faculty of Communication has become prominent among its peers in supporting the un-bundling of the Mass Communication discipline in Nigeria. The faculty is equipped with state of the art facilities that support the establishment of a Radio and Television stations in the university which supports both research and manpower development.</p>	
<p>The faculty of Life Sciences being one of the old faculties in the university is blessed with stat of the art facilities that promotes research and manpower development. Indices on research and manpower development, as well as facilities from the faculty were instrumental in projecting BUK to be 3rd best university consistently in Nigeria, in the TIMES Higher Education ranking for the last four years.</p>	
<p>This is one of the old faculties in the university and is blessed with a research centre that promotes multidisciplinary researches and manpower development in the Arts. The faculty also maintains a partnership with University of Warsaw in Poland that provide for faculty and students exchange to promote knowledge transfer and training.</p>	

<p>The faculty is blessed with state of the art facilities that promote research and manpower development. The faculty recently took over a modern Cyber Security laboratory built by NITDA to augment the efforts of the university in research and manpower development. The faculty offers courses in Computer Science, Information Technology, Software Engineering, and Cyber Security.</p>	
<p>The faculty is blessed with state of the art facilities that promotes research and manpower development and has in conjunction with the faculty of Agriculture being engaged by many state Governments to provide GIS services that promotes modern agricultural practices by farmers and training of staff.</p>	
<p>Apart from being one of the best among the second-generation universities, the University of Maiduguri College of Medical Sciences is the ideal training hub for other younger medical colleges in the North-east. In the pre-clinic field, the Departments of Human Anatomy and Human Physiology are strong; while the Department of Pediatrics and the Department of Obstetrics and Gynecology are among the strongest in the clinical field. The College has high enrolment in Medical Laboratory Science and Nursing Science</p>	
<p>Created in the first few years of the take-off of the University, the faculty is very strong in arid zone agriculture, especially studies on crop productivity, drought resistance, water conservation in semi-arid climates, sustainable land use, desertification control, natural resource management, food security and post-harvest technologies. The strength of the faculty runs through almost all the departments, which include: Animal Science; Agricultural Economics; Agricultural Extension Services; Crop Production; Crop Protection; Fisheries, Forestry and Wildlife; and Soil Science.</p>	

<p>The faculty is, among other things, very strong in indigenous language and Islamic scholarship, Lake Chad Region studies, especially history and culture of the area. In other words, the faculty is strong in cultural and regional leadership training. The faculty is engaged in research on violent extremism, indigenous knowledge systems, cultural heritage, and trans-Saharan trade and cultural linkages</p>	
<p>Education is one of the first faculties to start Postgraduate studies in the University. It is therefore not surprising that it has the highest Postgraduate enrolment volume in the university and it has been serving as a teacher capacity building hub in the North-east. The faculty is particularly very strong in physical and health education; library and information science; continuing education and extension; as well as arts, science and social science education</p>	
<p>The faculty is particularly strong in Mechanical Engineering; Chemical Engineering; Civil and Water Resources Engineering; Agricultural and Environmental Resources Engineering. For instance, the Department of Mechanical Engineering has secured a niche for itself by obtaining Nigeria Airforce support for the production of Alpha Jet's Anti-Skid Brake System</p>	
<p>The faculty is particularly strong in Biochemistry, Microbiology, Zoology and Botany, dealing with areas relating to arid Zone ecology; applied parasitology and entomology; genomics; and nutrition</p>	
<p>The faculty is strong in accounting, business and public studies. It has strong MSc. PhD enrolment and professional linkages in accounting; high output in business management; and high policy relevance in the North-east in public administration. The Department of Accounting has more than six ICAN certified Professors, in addition to two members of the ACCA</p>	

<p>The faculty is involved in natural products research, supported by the North-East Development Commission (NEDC) and the T.Y. Danjuma Foundation. It is engaged in traditional medicine and medicinal plants research, investigating local remedies and their pharmacological properties. The faculty, in collaboration with the Biomedical Science Research and training Centre (BioTRC), Yobe State University, Damaturu, has recently mounted an M.Sc. and PhD programmes in Neuroscience, the only faculty running these programmes in the entire West African region</p>	
<p>The faculty is home to the Basinal Studies PTDF Chair in the Department of Geology. It is very strong in the study of Organic and Inorganic Chemistry, Petroleum Chemistry, Industrial Chemistry among others</p>	
<p>The faculty has strong output in Economics, high enrolment in Mass Communication, governance relevance in Political Science and strong social research in Sociology and Anthropology and environmental management and resource and development in Geography. The Department of Sociology and Anthropology is also strong in criminology, rural sociology and medical sociology</p>	
<p>From its solid foundation in the 1980s under the Vice-Chancellorship of Professor Jibril Aminu, the Faculty of Veterinary Medicine is one of the strongest in the country, with prominent staff and staff-of-the-art facilities. The faculty is relatively very strong in Veterinary Microbiology, Theriology, Veterinary Parasitology, Veterinary Public Health and Veterinary Medicine, among others. The Federal Ministry of Livestock Development has selected the faculty as a member of the National AMR Surveillance System of the Animal Health Sector. The faculty, through the Veterinary Teaching Hospital and the Department of Veterinary Microbiology, earned the Fleming grant as part of the National Anti-microbial Surveillance Network</p>	

