Isaac Balami University
of Aeronautics & Management

AFRICA'S FIRST PRIVATE AERONAUTICS UNIVERSITY





IN THE HANGAR



ON THE ENGINE

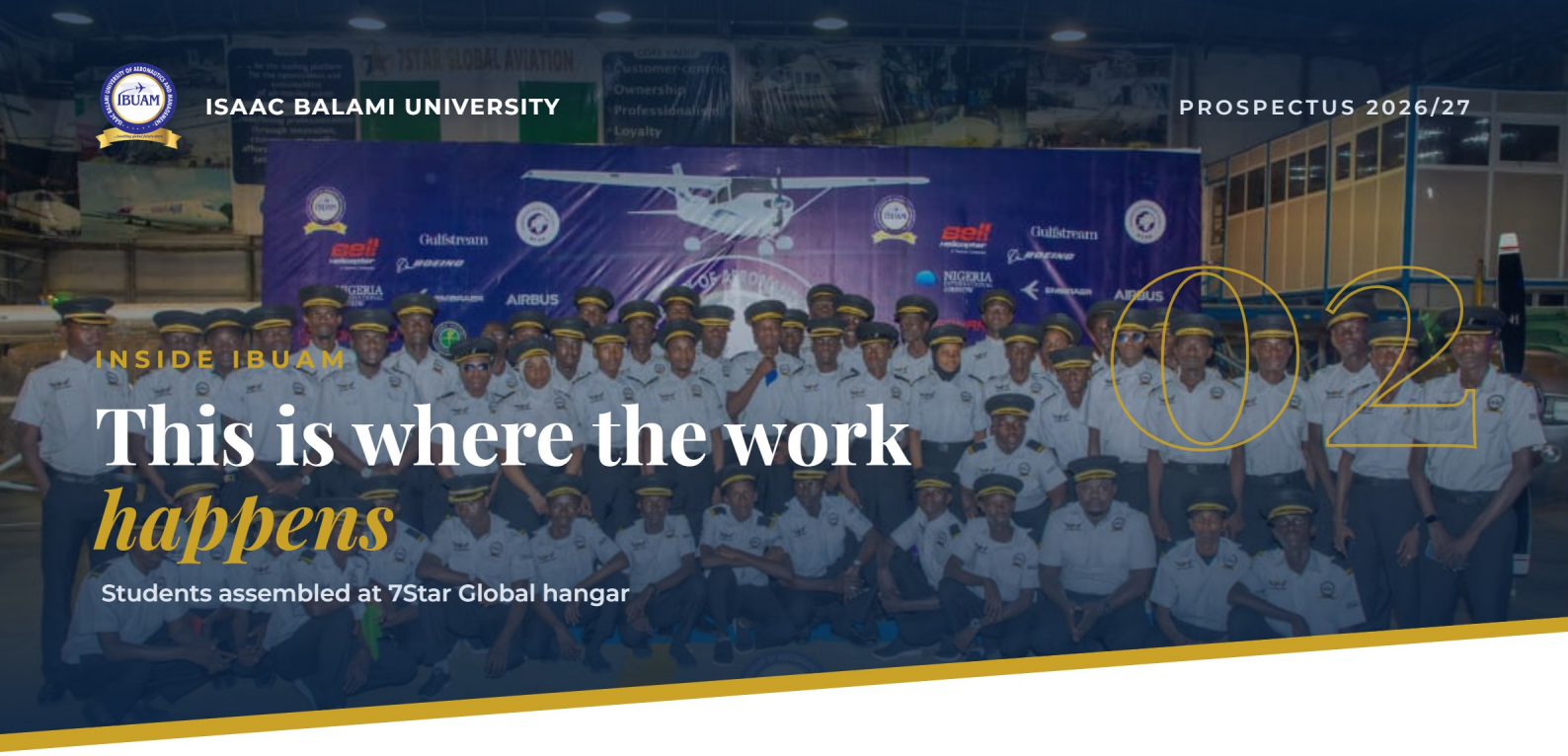
ACADEMIC PROSPECTUS

2026/27

From classroom to cockpit, hangar and global aviation leadership.

ibuam.edu.ng

11 PROGRAMMES · NCAA · FAA · EASA PATHWAYS



INSIDE IBUAM

02

This is where the work *happens*

Students assembled at 7Star Global hangar



HANDS ON A LIVE AIRFRAME



CABIN SYSTEMS TRAINING



LABORATORY PRACTICALS



THE DINING HALL



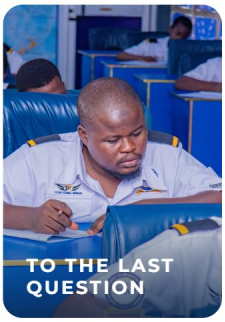
WORKING TO THE TASK CARD



INVIGILATED EXAMINATIONS IN SESSION



A FULL EXAMINATION HALL



TO THE LAST QUESTION



01 · VISION & OPPORTUNITY

West Africa's premier hybrid aviation and *technology* institution

IBUAM students at the 631 Aircraft Maintenance Depot, on the C-check of an MD-83

IBUAM is founded on a dual-qualification framework. It directly integrates standard university academic degrees (B.Eng., B.Sc.) with practical regulatory licences (NCAA, FAA, EASA) and live technical Aircraft Maintenance, Repair and Overhaul (MRO) engineering certifications.

ADDRESSING THE GLOBAL SKILL SHORTAGE

The global aviation sector is experiencing an unprecedented technical workforce deficit.

83%
of current aircraft maintenance technicians reach retirement within the next decade

416,000
worldwide shortfall of technicians the industry must fill

$65k+
$65k to $70k starting salary for FAA/EASA-certified technicians, to $300k for specialists

THREE QUALIFICATIONS, ONE JOURNEY

1

Degrees that count
Accredited B.Eng. and B.Sc. programmes across two faculties.

2

Licence preparation
NCAA, FAA and EASA Part-66/147 eligibility built into study.

3

Logged hangar hours
Real MRO experience completed alongside the degree.



02 · COMPARATIVE ADVANTAGE

IBUAM against the *alternatives*

METRIC	IBUAM (Lagos)	CONVENTIONAL NIGERIAN	FOREIGN (USA/UK/EU)
Dual qualification	**Concurrent degree + NCAA/FAA/EASA licence prep and hangar hours**	Academic degree only, no concurrent licensing	Degree only; flight and licensing cost extra ($150k+)
Hangar access	**Direct access to active commercial MRO at 7Star Global Hangar**	Theoretical study, minimal live aircraft engine exposure	Limited strictly by visa and clearance rules
Simulation suite	**Rolls-Royce, Pratt & Whitney and Dassault CATIA suites**	Basic computer laboratories, limited industry-grade exposure	High cost additions
Annual cost	**$10,710.67 to $22,050.25, including housing, meals, uniforms and loggings**	Low tuition, lacks practical aviation certifications	$50,000 to $80,000+ per year, excluding living and flight hours
Time to industry	**0 years post-graduation, workforce-ready on day one**	2 to 3 additional years of regulatory post-graduate training	Transition delays from visa limits and local conversions

> *One institution closes the distance between a degree and a career.*

IBUAM graduates qualify, log real hours and enter the workforce while peers elsewhere are still training.



APPROVAL & RECOGNITION

05

Verified, Approved and *licensed*

The unveiling, Africa's first private aeronautics university

Federal Executive Council approval came on 20th March 2025 and the operating license followed on 30th April 2025. The National Universities Commission carried out its resource verification of the facilities, equipment and aircraft, shown in full on the next page.

THE ROUTE SO FAR

On site
NUC resource verification of facilities and aircraft

20th March 2025
Federal Executive Council approval

30th April 2025
NUC operating licence granted

2025/26
First cohort admitted



AGREEMENTS SIGNED WITH INDUSTRY AND GOVERNMENT PARTNERS

Africa's first private aeronautics university.

THE FOUNDATION WE RUN ON

NUC resource *verification*

06

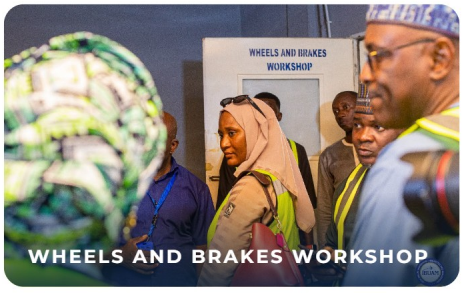
The National Universities Commission verified our curriculum, staffing, facilities and aircraft on site

VERIFIED ON SITE · FACILITIES · AIRCRAFT · PEOPLE ·

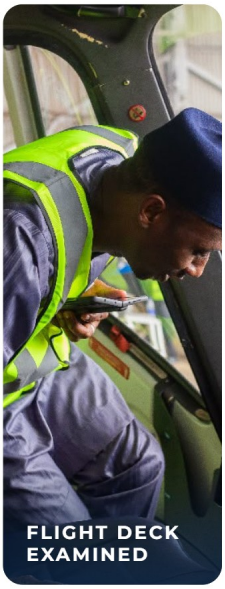
Every claim a university makes rests on one thing: a national regulator confirming that the resources behind it are real. The National Universities Commission conducts a resource verification before a university runs its programmes, physically inspecting the staff, facilities, equipment and aircraft that must already be in place. IBUAM passed it.


TRAINING EQUIPMENT INSPECTED

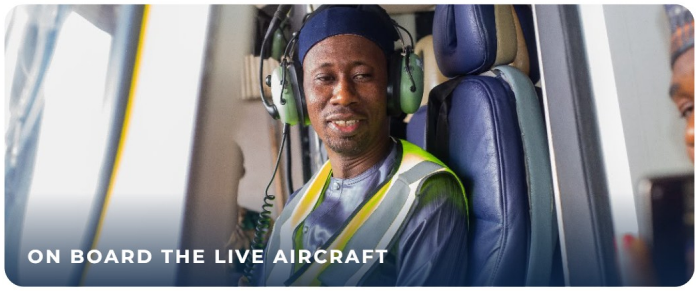

WALKING THE GROUNDS AND FACILITIES



WHEELS AND BRAKES WORKSHOP


FLIGHT DECK EXAMINED


AVIONICS AND SPARES VERIFIED


ON BOARD THE LIVE AIRCRAFT

Not a plan. A foundation already in place.

Facilities, equipment, aircraft and staffing confirmed on site by the National Universities Commission.

03 · DEGREE PROGRAMMES

Eleven Resource Verified Programmes, Two Faculties

Each programme integrates classroom instruction with direct industrial experience, live aircraft logging and advanced simulation suite exposure.



Faculty of Engineering & Computing

Aerospace B.Eng. · 5 years	**Mechatronics** B.Eng. · 5 years	**Electrical & Electronics** B.Eng. · 5 years
Computer B.Eng. · 5 years	**Telecommunications** B.Eng. · 5 years	**Systems** B.Eng. · 5 years
Software B.Eng. · 5 years	**Computer Science** B.Sc. · 4 years	**Information Technology** B.Sc. · 4 years

Faculty of Management

Aviation Management B.Sc. · 4 years	**Politics, Philosophy & Economics** B.Sc. · 4 years

04 · PROGRAMME GUIDES

Aerospace and Mechatronics



Aerospace B.Eng. · 5 YEARS

OVERVIEW

A comprehensive study of aircraft and spacecraft design, aerodynamics, gas turbines, flight mechanics and structural airworthiness analysis.

HANDS-ON & GLOBAL MARKET

Direct MRO exposure at 7Star Global Hangar Ltd., live aircraft flight logging (fixed-wing and rotary-wing) and simulation training on Dassault Systèmes, CATIA and ANSYS. Students build hours toward NCAA, FAA and EASA Part-66/147 AME licence eligibility.

OUTCOMES

Mastery in airframe structural integrity, propulsion system diagnostics, aerodynamic design and regulatory compliance.

CAREER PROSPECTS

Aerospace Design Engineer · Flight Test Engineer · Airworthiness Inspector · Systems Integration Specialist · Aeronautical Researcher · Airline Lead Engineer

Mechatronics B.Eng. · 5 YEARS

OVERVIEW

Integrates mechanical design, electronic control systems, robotics and flight automation technologies.

HANDS-ON & GLOBAL MARKET

Practical laboratory work using dedicated mechatronics trainer kits, automated control units, 3D printing equipment and industrial robotics setups. Practical modules focus on UAV and drone flight control integration and automated MRO tooling.

OUTCOMES

Ability to design, program and maintain automated systems, robotic actuators and electro-mechanical control networks.

CAREER PROSPECTS

Robotics & Automation Specialist · Avionics Integrator · UAV/Drone Systems Designer · Maintenance Automation Engineer

05 · PROGRAMME GUIDES

Electrical & Electronics and Computer



Electrical & Electronics B.Eng. · 5 YEARS

OVERVIEW

Focuses on power distribution, microelectronics, embedded systems, aircraft circuit design and renewable energy systems.

HANDS-ON & GLOBAL MARKET

Direct training on live avionics racks, digital power distribution testbeds and simulation modules for commercial aircraft electrical architecture.

OUTCOMES

Technical competency in power electronics, microcontrollers, signal processing and electrical grid infrastructure for aviation and industrial plants.

CAREER PROSPECTS

Avionics Power Systems Engineer · Microelectronics Specialist · Electrical Systems Design Lead · Renewable Energy Consultant

Computer B.Eng. · 5 YEARS

OVERVIEW

Blends computer hardware engineering with software systems integration, focusing on microprocessors, embedded computing and hardware-software interfacing.

HANDS-ON & GLOBAL MARKET

Intensive workstation laboratory projects building hardware controllers, embedded flight deck interface units and edge computing hardware used in modern transport systems.

OUTCOMES

Proficiency in hardware description languages, embedded system design, logic design and hardware-level cybersecurity.

CAREER PROSPECTS

Embedded Systems Engineer · Hardware Systems Architect · Avionics Hardware Integration Specialist · IoT Infrastructure Developer

06 · PROGRAMME GUIDES

Telecommunications and Systems



Telecommunications B.Eng. · 5 YEARS

OVERVIEW

Focuses on modern communication networks, satellite communication, radio frequency engineering, radar systems and digital transmission.

HANDS-ON & GLOBAL MARKET

Field practice with VHF and HF radio navigation suites, radar simulation tools, satellite link stations and air-to-ground data communications gear.

OUTCOMES

In-depth knowledge of wireless communication protocols, signal modulation, radar navigation and satellite communication infrastructure.

CAREER PROSPECTS

Telecommunications Systems Manager · Air Traffic Control Infrastructure Specialist · RF Engineer · Satellite Communications Specialist

Systems B.Eng. · 5 YEARS

OVERVIEW

Advanced instruction in complex system design, interdisciplinary engineering integration, reliability engineering and life-cycle management.

HANDS-ON & GLOBAL MARKET

Project-based training modelling complex aviation networks, airline fleet management operations and large-scale industrial control pipelines using advanced simulation software.

OUTCOMES

Skill in systems architecture, modelling complex engineering ecosystems, failure-mode analysis and risk mitigation.

CAREER PROSPECTS

Systems Architect · Reliability Engineer · Operations Research Analyst · Enterprise Infrastructure Manager · Complex Project Director

07 · PROGRAMME GUIDES

Software and Computer Science



Software B.Eng. · 5 YEARS

OVERVIEW

Specialises in the end-to-end software development lifecycle, flight simulation software architecture, cloud platforms, DevOps and enterprise applications.

HANDS-ON & GLOBAL MARKET

Practical coding pipelines in cloud environments, developing flight simulator modules, mission-critical software verification and enterprise resource planning platforms.

OUTCOMES

Advanced coding in C++, Python and Java; expertise in software safety standards (DO-178C for airborne systems), cloud computing and DevOps engineering.

CAREER PROSPECTS

Aviation Software Developer · Flight Simulator Systems Engineer · Full-Stack Enterprise Engineer · DevOps Architect

Computer Science B.Sc. · 4 YEARS

OVERVIEW

Core theoretical and applied computing, covering algorithms, artificial intelligence, cybersecurity, database management and data analytics.

HANDS-ON & GLOBAL MARKET

Hands-on laboratories featuring AI and machine learning model deployment, real-world data processing and cybersecurity defence simulations in modern computer facilities.

OUTCOMES

Mastery in data structures, AI algorithms, computational logic, data analytics and network security protocols.

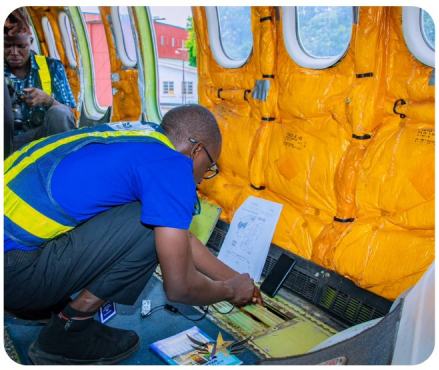
CAREER PROSPECTS

Data Scientist · AI Systems Developer · Cybersecurity Specialist · Database Administrator · Systems Analyst

08 · PROGRAMME GUIDES

Information Technology





Information Technology B.Sc. · 4 YEARS

OVERVIEW

Covers IT infrastructure management, network administration, cloud systems deployment, system security and enterprise solutions.

OUTCOMES

Expertise in setting up enterprise networks, managing cloud infrastructures, protecting data integrity and directing IT helpdesk and operations systems.

HANDS-ON & GLOBAL MARKET

Direct training with enterprise server environments, cloud network architecture setup, database administration and corporate cybersecurity tools.

CAREER PROSPECTS

IT Infrastructure Manager · Network Administrator · Enterprise Cloud Specialist · IT Security Consultant

SHARED ACROSS EVERY PROGRAMME

Integrated access to Rolls-Royce, Pratt & Whitney and Dassault CATIA simulation suites

Direct access to an active commercial MRO at 7Star Global Hangar

Live aircraft logging, fixed-wing and rotary-wing

Workforce-ready on day one, with no post-graduate conversion

09 · PROGRAMME GUIDES

Aviation Management and PPE



Aviation Management B.Sc. · 4 YEARS

OVERVIEW

A specialised business administration programme tailored for airline management, airport hub operations, aviation safety management systems (SMS) and international logistics.

HANDS-ON & GLOBAL MARKET

Operational exposure through local logistics airport access, flight dispatch workflows, terminal management shadowing and global logistics exercises.

OUTCOMES

In-depth knowledge of IATA and ICAO regulations, airline route economics, hub design, air cargo handling and airport revenue optimisation.

CAREER PROSPECTS

Airline Operations Manager · Airport Terminal Director · Flight Dispatch Manager · Aviation Safety Inspector · Air Cargo Logistics Specialist

Politics, Philosophy & Economics B.Sc. · 4 YEARS

OVERVIEW

An interdisciplinary study examining international relations, economic modelling, public policy formulation, ethics and regulatory frameworks.

HANDS-ON & GLOBAL MARKET

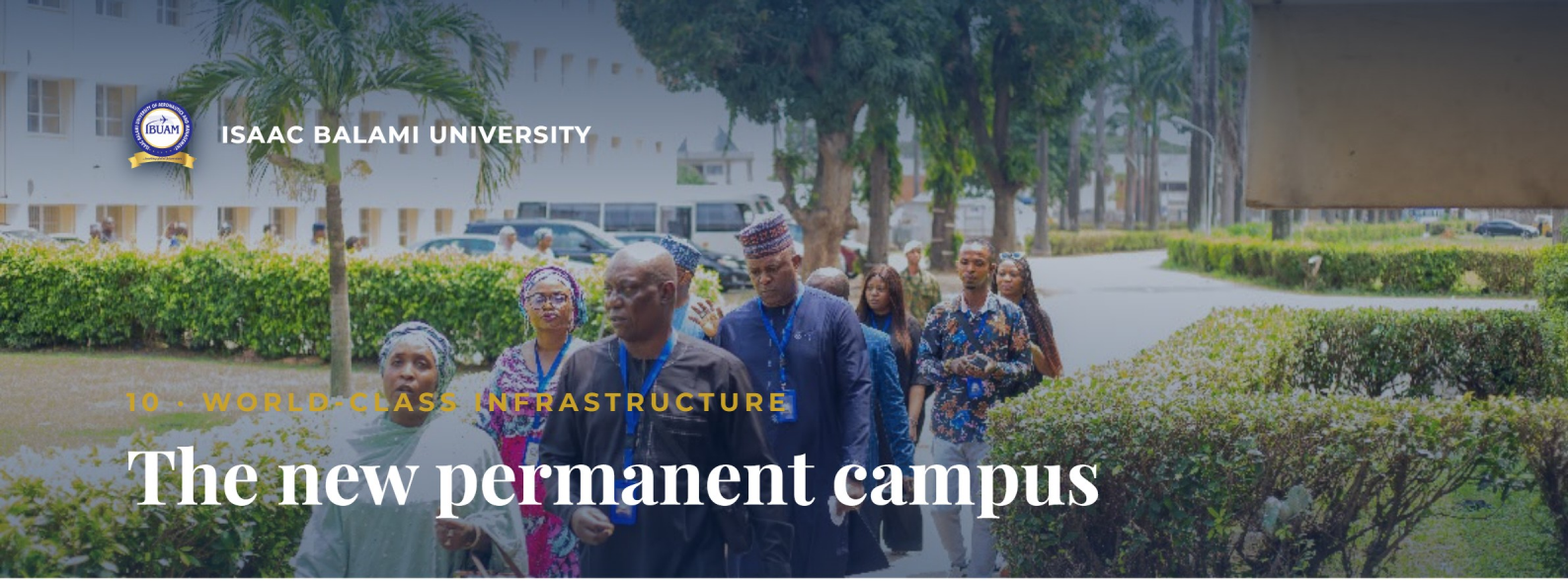
Policy analysis laboratories focused on international aviation treaties, bilateral air service agreements (BASA), macroeconomics, corporate governance and global trade dynamics.

OUTCOMES

Analytical reasoning skills, understanding of international regulatory bodies, expertise in policy drafting and economic forecasting.

CAREER PROSPECTS

Aviation Policy Analyst · Regulatory Affairs Director · Public Sector Advisor · Corporate Strategist · International Aviation Negotiator



10 · WORLD-CLASS INFRASTRUCTURE

The new permanent campus

IBUAM is expanding its physical presence to provide a learning environment matched by few institutions globally.

150+ ha
Master-planned academic city

16,000
Capacity at full residential build, from 2,000

Lekki
Directly opposite the new International Airport site

Located at **Lamija, Ibeju-Lekki, Lagos State**, directly opposite the new Lekki International Airport site.

EDUCATIONAL FACILITIES

- Dedicated hangar workshops
- Advanced simulator bays
- 3D printing laboratories
- ICT super-centres
- Specialised engineering laboratories

RECREATIONAL & COMMUNITY

- On-campus student housing
- 24/7 dining hall facilities
- Sports complexes: basketball, lawn tennis, swimming pools
- Arcade hubs and green community spaces



TAKE-OFF CAMPUS, OPEN NOW

Temporary operations are hosted at 1, Nitel Road, Cappa-Oshodi, Lagos State, ensuring immediate delivery of academic programmes while the permanent site develops.

LIFE AT IBUAM

Good Food, Good Company



Lunch in the dining hall



MEALS SERVED EVERY DAY



BREAKFAST WITH FRIENDS



SERVED HOT, AT THE COUNTER



A FULL HALL AT DINNER



A TABLE FOR EVERYONE

- Feeding and 24/7 campus catering are included in every annual fee.

11 · STANDARD FEE SCHEDULE

Mandatory core annual programme fees

All figures are rendered strictly in USD ($) and recur yearly.



FEE BREAKDOWN ELEMENT	AEROSPACE	AVIATION MGMT	OTHER PROGRAMMES*
Tuition (academic degree)	**$1,419.00**	$1,078.00	$1,078.00
Health insurance & medical clearance	**$1,386.67**	$836.67	$836.67
Accommodation & campus housing	**$1,570.00**	$1,570.00	$1,570.00
Professional membership & admin fees	**$676.25**	$470.00	$470.00
Live aircraft loggings (FW/RW)	**$3,500.33**	N/A	$3,500.33
Global leadership & project mgmt cert	**$998.00**	$998.00	$998.00
Digital & simulation tech (CATIA, ANSYS)	**$5,742.00**	N/A	$5,742.00
Toolboxes & uniforms	**$1,570.00**	$570.00	$1,570.00
Local logistics, SIWES & airport access	**$2,010.00**	$2,010.00	$2,010.00
Feeding & 24/7 campus catering	**$2,708.00**	$2,708.00	$2,708.00
Recreation & sports access	**$470.00**	$470.00	$470.00
TOTAL MANDATORY BASE COST (ANNUAL)	**$22,050.25**	**$10,710.67**	**$20,953.00**

*Other programmes covers Mechatronics, Electrical & Electronics, Computer, Telecommunications, Systems, Software, Computer Science and Information Technology. Politics, Philosophy & Economics follows the B.Sc. Aviation Management fee structure.

OPTIONAL ADD-ON MODULES & CERTIFICATION UPGRADES

ADD-ON MODULE	AEROSPACE	AVIATION MGMT / PPE	OTHER PROGRAMMES
Ground school & PPL flight training	**$10,110.00**	$10,110.00	$10,110.00
Licence prep course (NCAA / EASA / FAA)	**$2,841.67**	$2,841.67	$2,841.67
Manufacturer type rating (Boeing, Airbus)	**$4,400.00**	N/A	$4,400.00

12 · PAYMENT TERMS & SPONSORSHIP

Apply for the 2026/2027 Academic Session



CORPORATE & INSTITUTIONAL SPONSORS

Mandatory 100% upfront annual milestone billing per academic session. Transcript release, attendance audits and flight log verifications are provided directly to sponsors each semester.

PRIVATE / SELF-FUNDED

- Full payment prior to 1st semester registration
- Or 60% before 1st semester, 40% before 2nd semester resumption
- Custom flexible plans on formal application to the Bursary and Admissions Office, before mid-term assessments

INTERNATIONAL STUDENTS

Non-Nigerian African international applicants incur a 15% to 25% administrative surcharge in USD, covering international protocol, visa processing and specialised insurance.

1 Choose your programme

2 Apply through the official portal

3 Select your payment plan

4 Admissions confirms your place

Admissions & enquiries

ibuam.edu.ng

admissions@ibuam.edu.ng

+234 816 216 2020

1, Nitel Road, Cappa-Oshodi, Lagos State

Lamija, Ibeju-Lekki (permanent campus)