

Study Plan for Bachelor of Computer Science and Technology Scholarship

Introduction: I am Idris Salisu Adam, a dedicated and passionate student from Nigeria with a strong academic background in Information Technology. I have successfully completed a Diploma in Information Technology with a GPA of 2.63 and a Foundation program with a GPA of 3.33. My strong interest in technology, combined with my technical expertise, has motivated me to pursue a Bachelor's degree in Computer Science and Technology in China through the IMS Scholarship. Studying in China will provide me with the opportunity to gain advanced knowledge in computing while immersing myself in a technologically progressive environment.

Why Study in China? China is at the forefront of technological advancement and innovation, making it an ideal destination for studying Computer Science and Technology. The country is home to leading technology companies, cutting-edge research institutions, and some of the world's best universities. Additionally, China's commitment to fostering international education and research collaboration offers an excellent academic environment for students like me to thrive. The cultural diversity, advanced infrastructure, and global opportunities available in China will significantly contribute to my personal and professional growth.

Why This Program? The Bachelor of Computer Science and Technology program aligns perfectly with my academic background and future ambitions. My previous studies in Networking, Cybersecurity, and Software Development have given me a solid foundation. However, I recognize the need for advanced theoretical and practical knowledge to thrive in the ever-evolving technology industry. The comprehensive curriculum, which includes algorithms, data structures, artificial intelligence, machine learning, and computer networks, will equip me with the necessary skills to stay at the forefront of technological innovation.

Detailed Study Plan

First Year (2025-2026)

Semester 1 (September 2025 - January 2026)

- Introduction to Computer Science
- Programming Fundamentals (Python, C++)
- Discrete Mathematics
- Chinese Language and Culture I
- Basic Digital Systems

Semester 2 (February 2026 - June 2026)

- Data Structures and Algorithms
- Object-Oriented Programming (Java)
- Computer Organization and Architecture
- Web Development Basics
- Chinese Language and Culture II

Second Year (2026-2027)

Semester 3 (September 2026 - January 2027)

- Operating Systems
- Database Management Systems
- Computer Networks
- Advanced Web Development
- Intermediate Chinese Language I

Semester 4 (February 2027 - June 2027)

- Software Engineering Principles
- Cybersecurity Fundamentals
- Cloud Computing Basics
- Mobile Application Development
- Intermediate Chinese Language II

Third Year (2027-2028)

Semester 5 (September 2027 - January 2028)

- Artificial Intelligence and Machine Learning
- Advanced Computer Networks
- Ethical Hacking and Penetration Testing
- Blockchain Technology
- Chinese Business Culture and Practices

Semester 6 (February 2028 - June 2028)

- Big Data Analytics
- Cybersecurity and Cryptography
- Software Project Management
- Internet of Things (IoT)
- Internship/Practical Training

Fourth Year (2028-2029)

Semester 7 (September 2028 - January 2029)

- Advanced Machine Learning
- Computer Vision
- Cloud Security
- Capstone Project I (Research Proposal and Literature Review)
- Seminar on Emerging Technologies

Semester 8 (February 2029 - June 2029)

- Deep Learning and AI Applications
- Software Testing and Quality Assurance
- Cybersecurity Risk Management
- Capstone Project II (Research Findings and Presentation)
- Comprehensive Exam Preparation

Academic and Career Goals My short-term academic goal is to gain in-depth expertise in software engineering, system analysis, and network security. This will enable me to tackle complex computational problems and design efficient, secure systems. In the long term, I aim to become a leading professional in the field of Information Technology, specializing in Cybersecurity and Data Science. I aspire to use my skills to develop innovative solutions that address real-world challenges, particularly in Africa, where digital transformation is crucial for economic and social development.

Conclusion, Pursuing a Bachelor's degree in Computer Science and Technology is not just an academic aspiration for me, it is a pathway to realizing my dreams of contributing to technological advancements and improving my community. I am eager to leverage my knowledge, skills, and experiences to excel in this program and make a positive impact. I am deeply grateful for the opportunity to apply for this scholarship and am fully committed to maintaining academic excellence and contributing to the university's vibrant intellectual community.

Thank you for considering my application.