MASTER OF SCIENCE IN

Science Education

M.Sc. Ed. — Science Education

Advance science teaching, research, and educational leadership for the next generation.

DELIVERED FULLY ONLINE · UI ECAMPUS
NIGERIA'S FIRST UNIVERSITY

APPLY NOW →

UNIVERSITY OF IBADAN

02 PROGRAMME OVERVIEW

An Advanced Degree for Science Educators, Researchers, and Academic Leaders

Science education plays a critical role in developing the knowledge, skills, and innovative thinking needed to address today's global challenges. From healthcare and environmental sustainability to technological advancement and industrial development, quality science education is essential for national progress and economic growth.

The Master of Science in Science Education (M.Sc. Ed.) at the University of Ibadan is designed for educators, curriculum specialists, researchers, and academic professionals who wish to deepen their expertise in science teaching, learning, curriculum development, and educational research.

Delivered fully online through UI eCampus, the programme provides a flexible pathway for science educators to enhance their qualifications while continuing their teaching, research, or administrative responsibilities.

03 WHY CHOOSE THE UNIVERSITY OF IBADAN

Why Choose the University of Ibadan M.Sc. Ed. Online?

The University of Ibadan is Nigeria's first university, with more than 75 years of academic excellence, leadership, and national impact. Its name carries a legacy of scholarship, credibility, and influence across Nigeria and beyond.

Through UI eCampus, that legacy is now accessible to professionals who need a flexible and modern way to study. Learn from anywhere, continue working while studying, and gain a qualification that supports your growth in technology and leadership.

75+	1st	100%
YEARS OF ACADEMIC EXCELLENCE	NIGERIA'S FIRST UNIVERSITY	ONLINE, THROUGH UI ECAMPUS

A Flexible M.Sc. Designed for Science Educators

This is the University of Ibadan experience, now online.

APPLY NOW →

04 WHO THIS PROGRAMME IS FOR

Who This Programme Is For

This programme is designed for:

01 **Science Teachers**
Educators seeking advanced expertise in science teaching and learning.

02 **Curriculum Specialists**
Professionals involved in science curriculum development and instructional planning.

03 **Educational Researchers**
Individuals interested in investigating and improving science education outcomes.

04 **School and Academic Leaders**
Professionals responsible for improving science instruction and academic performance.

05 **Future Doctoral Candidates**
Graduates seeking a strong foundation for doctoral studies in science education and related fields.

06 WHAT YOU WILL STUDY

What You Will Study

The programme covers science education, curriculum design, and research methods. Students will study subjects such as:

01 Advanced Science Education
02 Curriculum Development
03 Educational Measurement and Evaluation
04 Research Methods in Education
05 Educational Psychology
06 Science Teaching Methodologies
07 Technology in Science Education
08 Dissertation or Research Project

These modules prepare graduates for advanced science teaching, curriculum leadership, and educational research.

07 LEARNING EXPERIENCE

Learning Experience

The M.Sc. Ed. Science Education is delivered fully online through UI eCampus. Students access lectures, research resources, and assessments through a secure digital learning environment.

Through UI eCampus, students benefit from:

01
100% online learning

02
Flexible access to course materials

03
A structured academic journey

04
Digital learning support

05
Online assessments

06
Access to academic resources

07
A learning experience designed to support science educators committed to improving science education and student achievement.

08 ENTRY REQUIREMENTS

Entry Requirements

01 Applicants must meet the University's general admission requirements and any additional requirements applicable to their chosen programme.

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02 Applicants must satisfy the University's O'Level requirements with either:
- Five (5) credit passes at one sitting, or
- Six (6) credit passes in no more than two sittings, including a credit pass in English Language and other relevant subjects.

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03 Applicants must submit the required application documents, including:
- Valid National ID or International Passport
- Curriculum Vitae (CV)
- Three recommendation letters
- Relevant academic transcripts
- NYSC Discharge or Exemption Certificate (Nigerian applicants)

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04 Applicants must meet any additional programme or departmental requirements where applicable. Some applicants may also be required to complete the University's online Test of Proficiency in English (TPE) before admission.

09 CAREER OPPORTUNITIES

Career Opportunities

The M.Sc. Ed. Science Education prepares graduates for advanced teaching, research, curriculum development, and educational leadership roles.

Graduates may pursue roles such as:

01 Science Education Specialist

02 Curriculum Developer

03 Senior Science Teacher

04 Educational Researcher

05 Academic Coordinator

06 Teacher Educator

07 School Administrator

08 Assessment Specialist

09 Education Consultant

10 University Lecturer

11 Science Programme Manager

12 Educational Policy Advisor

Graduates are equipped to improve science teaching, contribute to curriculum innovation, influence educational policy, and strengthen science education outcomes.

10 SKILLS YOU WILL DEVELOP

Skills You Will Develop

By the end of the programme, graduates are expected to develop:

01 Advanced science teaching and instructional skills

02 Curriculum development and instructional design expertise

03 Educational research and data analysis capabilities

04 Assessment and evaluation competencies

05 Leadership and educational management skills

06 Technology integration in science education

07 Academic writing and scholarly communication abilities

08 Evidence-based decision-making skills

09 Critical thinking and problem-solving competencies

11 ASSESSMENT & ACADEMIC STANDARDS

Assessment and Academic Standards

The M.Sc. Ed. Science Education follows the academic standards and quality assurance processes of the University of Ibadan. Students are assessed through coursework, research activities, and a dissertation or research project.

The programme ensures that graduates develop both advanced subject knowledge and the pedagogical skills required to improve science education practice.

PROGRAMME BENEFIT

Studying through UI eCampus allows you to earn a respected University of Ibadan qualification while continuing to teach. The M.Sc. Ed. is designed for educators who cannot take extended leave from their institutions.

YOUR NEXT STEP

Take the next step in your professional journey with

the University of Ibadan Master of Science in Science Education.

Study online. Advance science education. Shape future generations.

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LEARN MORE →

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