



MUHIMBILI UNIVERSITY OF HEALTH AND ALLIED SCIENCES
DEPARTMENT OF MICROBIOLOGY AND IMMUNOLOGY

Biosafety Cabinet Certification Course



Course Overview

The program aims to develop a cadre of accreditation-ready, skilled BSC certification technicians through a sustainable, tuition-funded university training model. It utilizes an effective and sustainable blended learning approach that combines online and in-person instruction and is supported by a state-of-the-art facility, providing a long-term and cost-effective solution for training biosafety cabinet certifiers.

Learning Outcome

- Describe a Class II, Type A2 Biological Safety Cabinet and distinguish it from other contamination control devices.
- Describe the purpose and function of HEPA filters used in BSCs.
- Measure and calculate air velocity and volumetric airflow in Class II BSCs.
- Conduct certification testing on Class II BSCs following correct procedures, safety preparations, and use of the appropriate tools and equipment

What organizations should consider sending someone to this course?

Class II Biological Safety Cabinets are widely used in laboratories supporting human, animal, and environmental health. Proper certification requires skilled service engineers and appropriate tools. This course provides the foundational training needed to build those skills and enable engineers to confidently service and certify Class II BSCs. It is specifically targeted to strengthen certification capacity in the African (AFRO) and Middle East/North Africa (MENA) regions.

Accreditation Information

NSF's accreditation programs requires individuals to attend a course prior to accreditation testing.

The MUHAS BSC Certification Course meets NSF basic accreditation program requirements. You will be required to apply directly to NSF for accreditation testing and list course information. Attending the MUHAS BSC Certification Course does not guarantee passing the NSF accreditation program.

Course Format

MUHAS Course & NSF Accreditation Testing Dates	2026	2027
MUHAS Course & NSF Accreditation Testing Applications Deadline	01 Mar	01Feb
MUHAS Course & NSF Accreditation Testing Payment Deadline	01 Apr	01Apr
MUHAS Course Online Session Dates	27Apr-22May	26Apr-21May
MUHAS Course In-Person Session Dates	01Jun-04Jun	31May-03Jun
NSF Accreditation Testing Dates for MUHAS Course enrollees	04Jun-06Jun	03Jun-05Jun
NSF Accreditation Testing Dates for non-MUHAS Course enrollees	05Jun-06Jun	05Jun-07Jun

Course Fee

MUHAS BSC Certification Course & NSF Accreditation Fees and Payment Details

MUHAS BSC Certification Course Fees are to be paid directly to MUHAS on receipt of an invoice from MUHAS	USD 1550.00
NSF Accreditation Testing Fees Fees are to be paid directly to NSF on receipt of an invoice from NSF	Approximately USD 1550.00
NSF Retake/Reaccreditation at Muhas facilities Fees are to be paid directly to MUHAS on receipt of an invoice from MUHAS	USD 250.00
Course and testing slots are secured upon receipt of payment on a first come, first serve basis	
Training course fees and dates are subject to change. Contact MUHAS & NSF to confirm dates and fees	

Application Form

Apply through the link attached [here](#) or through the attached QR Code



Course Coordinator

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Course Partners

Centers for Disease Control and Prevention
Association of Public Health Laboratories
NSF

Course Contact Information

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