



Department of Biosciences
Shifa Tameer-e-Millat University, Islamabad



Course Duration:
6-Weeks
Course Commencement:
17th February, 2025

PG Certificate in "Biological Safety and Risk Management"

Hybrid Program
(Face to Face + Online Sessions)

Professional Investment = Rs. 20,000/-

50% discount to Shifa Family.
Limited seats are available.

Last date to apply: **20th January, 2025**

Course Agenda

This course offered by Department of Biosciences, Shifa Tameer-e-Millat University, Islamabad is designed to equip researchers and students in biomedical and life sciences with a comprehensive understanding of concepts and principles of biosafety and biosecurity risk management required for containment laboratories. It will specially focus on the new risk- and evidence-based approach to biosafety adopted by World Health Organization

Program Structure

Week 1: Module A

- Biorisk Management-General Overview
- BRM-WHO Framework
- Quiz/Assignment

Week 2: Module B-1

- Biorisk Management Planning: Hazard Identification & Risk Assessment
- Risk Control Measures (Engineering Controls)
- Quiz/Assignment

Week 3: Module B-2

- Risk Control Measures (Personnel Training)
- Hands-on-Activity (Safe Laboratory Handling)
- Quiz/Assignment

Week 4: Module C

- Biorisk Management at Organizational Level
- Quiz/Assignment

Week 5: Module D

- Biosecurity Risk Management
- National/ international opportunities in biorisk management for students/researchers: A guide to useful resources
- Quiz/Assignment

Week 6: Module E

- Final Project Submission & Presentation
- Assessment
- Guest Lecture

The course contents will be delivered through a combination of lectures, collaborative learning activities and scenario-based exercises. The certificate of completion will be awarded based on regular attendance (at least 80%), completion of all the weekly quizzes (with a score of 80% and above) and assignments, and successful completion of the final project.

Features:

- 6-weeks program
- 2 contact sessions per week
- Online access to all learning materials
- Award of certificate on successful completion of course

Benefits:

- The course will enable the learners to develop and implement biosafety and biosecurity risk management practices in biomedical laboratories of various industries including education, healthcare, pharmaceutical, biomedical science & technology.
- Ideal opportunity for individuals interested in or preparing for IFBA exam to achieve Professional Certification in Biorisk Management.

Who Should Attend:

Laboratory & healthcare professionals/researchers/postgraduate students working in biomedical/clinical/diagnostic/research laboratories.

Venue:

Shifa Tameer-e-Millat University,
Park Road Campus Islamabad
www.stmu.edu.pk Phone# 051-8840600 Ext. 714