THE UNDERGRADUATE CERTIFICATE IN BIOTECHNOLOGY AT BOSTON UNIVERSITY

Home to the nation’s #1 biopharma cluster (Genetic Engineering & Biotechnology News), Massachusetts offers an abundance of rewarding careers in biotechnology and life sciences. Gain entry to these thriving industries or increase your professional appeal with the Certificate in Biotechnology from Boston University’s Metropolitan College.

This 16-credit certificate program provides specialized biotechnology training for professionals and students with a degree or equivalent work experience. Credits can be applied to the Bachelor of Science (BS) in Biomedical Laboratory & Clinical Sciences offered through the Boston University School of Medicine.

Students can design their own certificate based on their professional and academic background as well as their goals. The courses that students choose must be approved by the program director. An application and résumé are required.

Courses meet on the Medical Campus from 5:30 to 8:30 p.m., Monday–Thursday.

Below are examples of course offerings:

**Fall Term**
- Biology of Cancer
- Cell Signaling in Health and Disease
- Histopathology
- Immunology
- Medical Microbiology
- Techniques in Molecular Biology

**Spring Term**
- Basic Pathology: Mechanisms of Disease
- Biotechnology I & II
- Cell Culture Techniques
- Current Good Manufacturing Practices and Quality Assurance
- Infectious Diseases
- Medical Terminology
- Protein Purification and Analysis

**Summer Term**
- Advanced Cell Culture Techniques
- Cytogenetics
- Disease and Public Health
- Endocrinology
- Molecular Genetics

For more information—including a complete list of courses—please contact the Biomedical Laboratory & Clinical Sciences Program at 617-638-5622/23, email biomed@bu.edu, or visit our website.

bu.edu/met/biotechcertificate