

Cell & Tissue Culture

Biotechnology Certificate Program



Biotechnology Certificate Program: Cell and Tissue Culture (Curriculum Code No. 3186)

The strength and continued growth of the biotechnology industry in the Philadelphia metropolitan area has created a need for technicians with cell culture expertise. This 16 credit certificate will prepare students for employment as skilled technicians in biotechnology, biomanufacturing, pharmaceutical, and academic laboratories. Students will be trained to perform basic biotechnology laboratory procedures, operate and maintain standard laboratory equipment, aseptically culture and maintain cell cultures and perform advanced techniques in cell culture and biomanufacturing.

The certificate might also be of interest to non-occupational STEM majors looking to enhance their laboratory skills and supplement their degree. Biology and Chemistry and Pre-Allied Health majors can complete the certificate requirements by taking at most two or three additional biotechnology courses.

Certificate Requirements:

BIOT 125	Biotechnology Methods and Techniques
BIOT 205	Cell and Tissue Culture
BIOT 221	Biomanufacturing
CHEM 121	Chemistry I

For more information, please contact Dr. Linda Rehfuss, Biotechnology Program Coordinator, STEM Dept. at linda.rehfuss@bucks.edu, Founders Hall 226, 215-504-8694, or Cianna Cooper at cianna.cooper@bucks.edu, 215-504-8649