

BIO 107: Cell Culture

The overall objective of this course is to provide a basic understanding of the growth requirements and methodologies associated with the propagation of organisms important to the field of biotechnology. Instruction will focus on growing techniques and long-term maintenance of various cell cultures, including both attached and suspension cell lines. Microbial life cycle and cell culture will be emphasized, including discussion of pathogenic aspects and utilization of microbial transformation and protein production for use in biotechnological processes.

Credits: 4

Prerequisites:

A grade of "C" or better in both BIO 103 and BIO 105

Program: Biology

Experimental Laboratory Credit: 4

Theory Credit: 2