

Dual Enrollment Biotechnology Foundations in Health and Medical Sciences

This is the first pathway course in the Biotechnology & Health Informatics sequence, and is co-enrolled with the Biotechnology course that is part of the STEM program. The course focuses on various techniques that are used to modify living organisms, or parts of organisms, to improve plants and animals, and the development of microorganisms for specific purposes. Student activities range from bioprocessing and DNA analysis, to medicine, biomechanical systems, and the environment. Students gain insight and understanding about biotechnology career fields. Students will have the opportunity to partner with The George Washington University for special projects.

High School Credits: 2

School Level: High School

Grade: 11, 12

Length: full year

Prerequisites:

Enrolled in Governor's Health Sciences Academy or completed [Introduction to Health and Medical Sciences](#) and meet college dual enrollment qualifications

Program: CTE: Health and Medical Sciences