

Principles of Biomedical Science (PLTW)

In this specialization course for Project Lead the Way (PLTW), students are taught concepts of forensic inquiry, DNA and inheritance, and the function of human body systems, exploring the body through diseases, such as those leading to diabetes and heart, sickle cell, and infectious diseases. Students also explore medical interventions, postmortem examination, bioprocessing, bioinformatics, and concepts of microbiology and genetic engineering. Contextual instruction and student participation in co-curricular career and technical student organization (CTSO) activities will develop leadership, interpersonal, and career skills.

This course connects to the following career pathways:

[Health Science - Biomedical Science](#)

Credits 1

Grades

9, 10, 11

Course Designation

Weighted (1.0W)

Schools

Gainesville High School

Osborn Park High School

Prerequisites

None