

The Mentor Program

A signature program of Mercy High School, the Mentor Program allows selected juniors to work with a “wise adviser,” who accepts the student as a protégé, so she can explore an individually chosen field of interest beyond the traditional academic setting. Those in the Mentor Program can conduct an independent study for one or two semesters, with a minimum of thirty hours each quarter to be devoted to it. Research on the outlook for the profession, its current challenges, and the pathway to achieve mastery in it are part of the student’s investigation. A final reflective paper marks the culmination of the course. A proposal outlining the goals of the rising junior and specific plans for her study is required.

Project Lead the Way- Biomedical Sciences

The Project Lead the Way (PLTW) Biomedical Sciences Program comprises a sequence of classes that allows each student to investigate the roles of biomedical professionals as she studies human medicine, physiology, genetics, microbiology, and public health in the context of real-world cases. Students work with one another to understand and design solutions to some of the pressing health challenges facing the world.

The project-based aspects of the curriculum give students a chance to identify a problem, apply what they know, and find unique solutions as they lead their own learning. PLTW courses complement the regular sequence of math and science courses required in the curriculum.

Students in PLTW- Biomedical Sciences are exempt from technology requirement of ninth grade. They need to fulfill Physical Education and Fine Arts requirements before graduation. This can be by summer online courses or taking Physical Education and identified arts courses in the junior and senior years.

Requirements:

9th Grade	Principles of Biomedical Science
10th Grade	Human Body Systems
11th Grade	Medical Interventions
12th Grade	Medical Innovations