

Biomedical and Health Sciences

Coordinator

- Lon D. Moeller

Precollege Program of Study

Biomedical and Health Science is a sequence of Project Lead The Way courses for high school students taught in conjunction with traditional math and science courses. The curriculum emphasizes critical thinking, creativity, innovation, and real-world problem solving. Courses provide students with in-depth, hands-on knowledge of biomedical science.

Courses

Biomedical and Health Sciences Courses

BMS:1010 Principles of Biomedical Science 1 s.h.

Introduction to human physiology, basic biology, medicine, and research processes through student activities and projects. Requirements: Project Lead The Way high school student.

BMS:1020 Human Body Systems 3 s.h.

Interactions of human body systems in promoting homeostasis. Requirements: Project Lead The Way high school student.

BMS:1030 Medical Interventions 3 s.h.

Techniques for preventing, diagnosing, and treating diseases. Requirements: Project Lead The Way high school student.

BMS:1040 Biomedical Innovation 3 s.h.

Independent projects with a mentor to design solutions for pressing health challenges for the 21st century. Requirements: Project Lead The Way high school student.