



Biomedical



By immersing students in activities like practicing suturing and constructing body structures from clay, PLTW Biomedical Science empowers students to build knowledge and skills in biomedical science, as well as in-demand, transportable skills like problem solving, critical and creative thinking, communication, and collaboration. Students explore the human body systems, delve into activities like designing prosthetics, and design their own innovative solutions for pressing health challenges.

Career	Required Education	2019 Median Pay
Agricultural Engineer	Bachelors	\$80,720
Biochemist	Doctorate	\$94,490
Biophysicist	Doctorate	\$94,490
Chemical Engineer	Bachelors	\$108,770
EMT/Paramedic	Certificate	\$35,400
Materials Engineer	Bachelors	\$93,360
Medical Technician	Associates	\$68,750
Physician Assistant	Masters	\$112,260
Physician/Surgeon	Doctorate	\$208,000
Respiratory Therapist	Associates	\$61,330

Course Levels

Technical

Application

Career Prep

Principles of
Biomedical
Science

Medical
Interventions

Biomedical
Capstone

Human Body
Systems

Bioengineering

Work Based
Learning
Experience

Supporting Classes:

Algebra

Human Growth & Dev.

Biology

Human Anatomy (KCKCC)

Chemistry

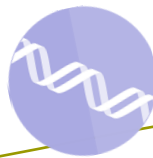
Intro to Engineering

Debate

Psychology

Geometry

Zoology



F.L. Schlagle
High School



Sumner
Academy of Arts and Science



Wyandotte
High School

