

CAREER & TECHNICAL EDUCATION BIOMEDICAL SCIENCE

In the Project Lead The Way (PLTW) Biomedical Science Pathway, students tackle big challenges to make the world a better place. Working with the same tools used by professionals in hospitals and labs, students engage in compelling, hands-on activities and work together to find solutions to problems.

Students will participate in clinical rotations at local hospitals and have the choice to enroll in a Certified Nursing Assistant or Emergency Medical Technician program to obtain an industry certification while still in high school. To further their understanding of the medical field, students can also join the HOSA-Future Health Professionals organization for leadership and competitive opportunities.

CAREERS IN BIOMEDICAL SCIENCE

TECHNICAL CAREERS

(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)

Medical Lab Technician
Respiratory Therapist
Surgical Technician
Radiology Technician
Emergency Medical Technician

PROFESSIONAL CAREERS

(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)

Microbiologist
Biomedical Engineer
Anesthesiologist
Forensic Anthropologist
Oncologist

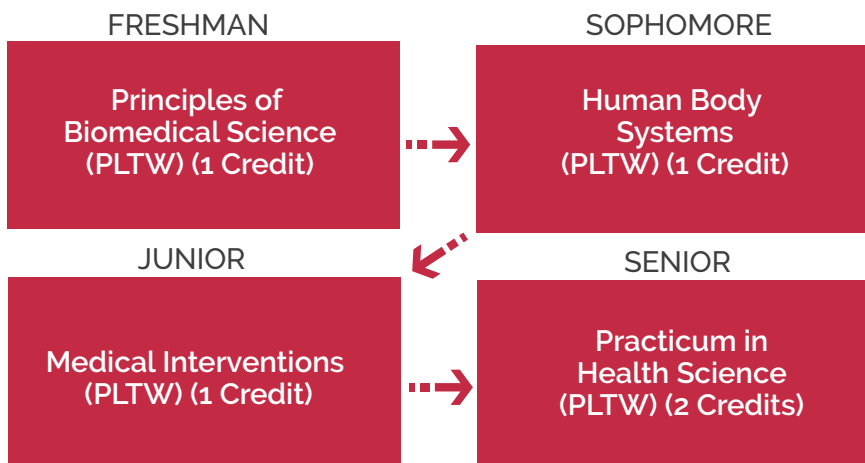
BIOMEDICAL SCIENCE

COURSE SEQUENCE

CLUSTER: Health Science

CAMPUS: MHS & MHHS

ENDORSEMENT: Public Service



ADDITIONAL COURSE OPTIONS

Pharmacology (1 credit)

*Medical Microbiology (1 credit)

*Anatomy & Physiology (dual credit)

Health Science Theory (1 credit)

Lifetime Nutrition & Wellness (0.5 credit)

Counseling & Mental Health (1 credit)

Forensic Science (1 credit)

Business Management (1 credit)

Entrepreneurship (1 credit)

*Business English (1 credit)

*Political Science (1 credit)

*Financial Math (1 credit)

*Forensic Science (1 credit)

*Medical Microbiology (1 credit)

Medical Terminology (1 credit)

Professional Communications (0.5 credit)

*Course also fulfills graduation requirement for English, Math, Science, Social Studies or Fine Arts.



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