

PROJECT LEAD THE WAY BIOMEDICAL SCIENCES



IMAGINE

DREAM

EXPERIENCE

ACHIEVE

- ◆ *Participate in a hands-on curriculum for those interested in medicine*
- ◆ *Receive comprehensive medical knowledge to enhance your postsecondary career*
- ◆ *Investigate medical related sciences through a program loaded with lab experiences*

PLTW National Program

CAREER FOCUS

Prepare for a high demand field with an abundance of job opportunities

Careers in this field are listed in the Hoosier Hot 50 jobs!

www.wcc.warren.k12.in.us

CAREER CLUSTERS



BUSINESS AND
INFORMATION
TECHNOLOGY



COMMUNICATION
AND
THE ARTS

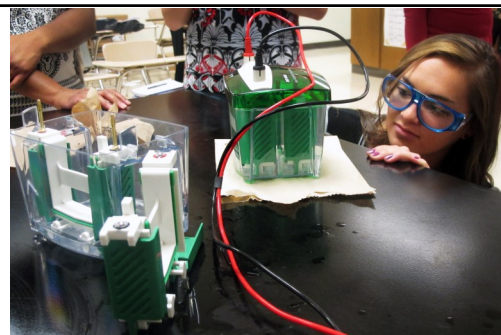
Health and Life
Sciences



ENGINEERING
AND
INDUSTRIAL TECHNOLOGY



HUMAN AND
GOVERNMENT
SERVICES



Project Lead the Way—Biomedical Sciences

Are you an avid fan of CSI or House? Do you love hands-on science dedicated to enrich and prepare you for college or a postsecondary career? PLTW Biomedical Sciences is the program for you. Biomedical Sciences is a rigorous curriculum for those students interested in biological and biomedical sciences. Enter a career in which there are a plethora of jobs in wide-ranging fields.

Indiana College and Career Pathways

Career Pathway: Health Sciences Indiana Career Cluster: Health Care Specialties Core 40 High School Graduation Plan

| S E C O N D A R Y | YR | English/ Language Arts | Math | Science | Social Studies PE | Courses for Biomedical Sciences Pathway | | Additional Elective Courses |
|---|----|------------------------------|--------------------------------------|---|---|---|-------------------------------------|-----------------------------|
| | 9 | English 9 | Algebra I | Biology | Physical Ed | Preparing for College and Careers/Personal Financial Responsibility | Core 40 Directed Elective | Core 40 Directed Elective |
| | 10 | English 10 | Geometry | Core 40 Physical Science | Geography/History of the World or World History/ Civilization | Health/ Core 40 Directed Elective | Principles of Biomedical Science | Core 40 Directed Elective |
| | 11 | English 11 | Algebra II | 3 rd Core 40 Science Course | US History | Health Science Education I | Human Body Systems | Core 40 Directed Elective |
| | 12 | English 12 | Math or Quantitative Reasoning | Core 40 Directed Elective | Government/ Economics | Medical Interventions and Biomedical Innovations | | |

Postsecondary Plan

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|---|--|
| P O S T S E C O N D A R Y | Occupations related to this pathway include: Biomedical Engineer, Physician, Forensic Scientist, EMT, X-Ray Technician, Cardiovascular Technician, Case Manager, Sonography Technician, Medical Research Scientist, Teacher |
| | Career Goal: |
| | Post Secondary Plans: Job _____ Apprenticeship _____ Military Branch _____ College/University _____ (Check which area you plan to enter upon graduation from high school.) |
| | Dual Credit and Certifications: Articulated credit with IUPUI |