



HEALTH AND BIOSCIENCES

DID YOU KNOW?



¹ Source: My College Options®/ACTE research study (2016). National sample includes 40,192 high school CTE students., ² Jacobson and Mokher, Florida Study of Career and Technical Education, 2014, as cited in the 2014 National Assessment of CTE Final Report, ³ NRCCUA® and ACTE 2016, ⁴ Schneider 2013, College Measures

BIOMEDICAL SCIENCE—PROJECT LEAD THE WAY (PLTW)

(4-year pathway)

In the PLTW Biomedical Science pathway you will study the concepts of human medicine, physiology, genetics, microbiology, and public health. You will examine the structures and interactions of human body systems while working collaboratively to understand and design solutions to society's most pressing health challenges. Students participate in a capstone project. This pathway offers college credits.

Biomedical Science—PLTW Specialty Courses:

GRADE 9	Principles of Biomedical Science
GRADE 10	Human Body Systems
GRADE 11	Medical Interventions
GRADE 12	Biomedical Innovation

HEALTH PROFESSIONS

(3-year pathway)

The Health Professions program offers the opportunity to explore various career opportunities through hands-on training in basic medical skills, patient care, patient rights and safety, medical equipment use, and patient contact and communication. Students may specialize their studies to become Medical Assistants, Pharmacy Technicians, or Nursing Assistants. After graduation from high school, student may use the knowledge and skills they learn to prepare them for further studies in healthcare. This pathway offers internships, industry certification, and college credits.

Certified Clinical Medical Assistant:

- GRADE 10** • Foundations of Medical and Health Sciences
- GRADE 11** • Structure and Functions of the Human Body
- GRADE 12** • Medical Assistant
• Allied Health Internship

Pharmacy Technician:

- GRADE 10** • Foundations of Medical and Health Sciences
- GRADE 11** • Structure and Functions of the Human Body
- GRADE 12** • Pharmacy Technician
• Allied Health Internship

Certified Nursing Assistant:

- GRADE 10** • Foundations of Medical and Health Sciences
- GRADE 11** • Structure and Functions of the Human Body
- GRADE 12** • Nursing Assistant
• Clinical Internship



Possible College Majors

- Pre-Medicine
- Biosciences
- Health Sciences
- Environmental Health
- Pharmacy Studies
- Nursing
- Health Care Management
- Dental Studies
- Public Health



Possible Careers

- Doctor
- Nurse
- Biomedical Engineer
- Pharmacist
- Research/Medical Scientist
- Radiologist
- Physician's Assistant
- Medical Technician
- Pharmacy Technician



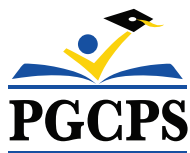
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