



BIOLOGICAL

AP Biology (Recommended: Successfully completed Biology and Chemistry)

Biology (offered beginning in grade 9)

Honors PLTW Biomedical Innovation* (must be enrolled in the Biomedical Science Pathway – this course is offered beginning in grade 11)

Honors PLTW Human Body Systems* (must be enrolled in the Biomedical Science Pathway – this course is offered in grade 10 as an alternative to Honors PLTW Principles of Biomedical Science*)

Honors PLTW Medical Interventions* (must be enrolled in the Biomedical Science Pathway – this course is offered beginning in grade 10)

Honors PLTW Principles of Biomedical Science* (must be enrolled in the Biomedical Science, Patient Care, or Sports Medicine CTE Pathway – this course is only offered in grade 9)

Physiology (offered beginning in grade 10)

PHYSICAL

Chemistry (offered beginning in grade 10)

Honors Chemistry (Recommended: Successfully completed Algebra I)

AP Chemistry (Recommended: Take concurrently with Algebra II)

Physics (Recommended: Successfully completed Algebra I)

AP Physics (Recommended: Take concurrently with Algebra II)

ENGINEERING/COMPUTER/APPLIED ENGINEERING

Honors PLTW Introduction to Engineering Design* (must be enrolled in the Architectural Design or Engineering Design CTE Pathway - this course is taken in grade 9 concurrently with Biology)

Honors PLTW Civil Engineering and Architecture* (must be enrolled in the Architectural Design CTE Pathway - this course is taken in grade 11)

Honors PLTW Principles of Engineering* (must be enrolled in the Engineering Design CTE Pathway - this course is taken in grade 10)

Honors PLTW Computer Integrated Manufacturing* (must be enrolled in the Engineering Design CTE Pathway - this course is taken in grade 11)

Honors PLTW Engineering Design and Development* (must be enrolled in the Engineering Design CTE Pathway - this course is taken in grade 12)

COMPUTER SCIENCE

PLTW Computer Science Essentials* (must be enrolled in the Information & Communication Technologies CTE Pathway – this course is taken in grade 9 concurrently with Biology)

PLTW Cybersecurity* (must be enrolled in the Information & Communication Technologies CTE Pathway – this course is taken in grade 10 concurrently with Physical Science)

AP Computer Science Principles* (must be enrolled in the Information & Communication Technologies CTE Pathway – this course is taken in grade 11)

APPLIED SCIENCE

AP Environmental Science (Recommended: Successfully completed Algebra)

** Required science course needed to complete a specific CTE Pathway*

PHS
WEST
&
SENIOR