



## 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*