

# STEM Approved Courses List

## SCIENCE



### STEM Biology 1 HN

STEM Chemistry 1 HN

Chemistry 2 HN\*#

STEM Physics 1 HN

STEM Physical Science HN

Anatomy & Physiology HN

Marine Science HN

AP Biology

AP Chemistry

AP Physics 1,2,C

AP Environmental Science

Agricultural and Biosystems Science HN

Animal Science HN

Biosystems Mechanics & Engineering HN

Environmental and Natural Resource Management HN

Intro to Veterinary Science HN

Wildlife Management HN

Principles of Biomedical Science HN

Human Body Systems HN

Medical Interventions & Research HN\*

Biomedical Innovations & Research HN\*

## ENGINEERING



\*\*Siemens Engineering Design

Siemens Manufacturing and Automation

Siemens Mechatronics(Fall 2027)

Siemens Engineering Research & Development(2028)\*

Principles of Engineering HN

Engineering Design & Development HN\*

Clean Energy 1,2,3,4\* HN

Aerospace Engineering HN

\*\*Introduction to Engineering Design HN

Civil & Architectural Engineering HN



## MATH

### STEM HN Geometry, Alg 1, Algebra 2

STEM Pre-Calculus HN

STEM AP Statistics

AP Calculus AB

AP Calculus BC



## TECHNOLOGY

\*\*Computer Programming 1 HN STEM

AP Computer Science Principles

AP Computer Science A\*

Intermediate Computer Programming HN\*

Game Design HN

Aerospace Science 3,4\* HN

Some Dual enrollment courses w/ STEM coordinator approval.

Cyber Security Fundamentals HN

Advanced Cyber Security HN

Networking Fundamentals HN

Advanced Networking 2 HN

Biosystems Technology 1,2 HN

Media Technology 1,2,3,4 HN

Foundations of Animation HN (Fall 2027)

Advanced Animation HN(Fall 2027)

Artificial Intelligence(Fall 2027)

Mobile Applications Development(Fall 2028)

### Additional Courses:

**STEM English 1 HN or STEM English 2 HN**

STEM English 3 HN

**STEM AP Human Geography**

AP Psychology ( or dual enrollment )

AP Seminar\*

AP Research\*

AP Comparative Government

AP Micro or Macro Economics 1 credit total

AP US Government and Politics

Health Science Clinical Study\*# (Fall 2026)

### NOTES:

\*Courses that count as a **capstone credit**.

# additional requirements assigned by teacher

\*\* Complete 2 from Technology and/or Engineering

**Required courses** for STEM designation (see [STEM Program Requirements](#) document for details).

Many dual enrollment courses can count as replacements for STEM courses. Please see STEM coordinator with any questions.