Science Magnet Course Sequence

Engineering

Freshman
- English 1
- World History
- Math (see list)
- PE or additional elective
- Elective (see list)
- Honors Biology
- Intro to Engineering Design

Sophomore
- English 2 or Honors Eng 2
- US History 1 or Hon. US 1
- Math (see list)
- Elective x 2 (see list)
- Honors Chemistry
- Aerospace Engineering

Junior
- English 3 or Honors English 3
- US History 2 or AP US 2
- Math (see list)
- Elective x 2 (see list)
- Honors Physics
- POE (Principles of Engineering)

Senior
- English 4 or Honors Eng. 4
- Math (see list)
- Gov't/Financial Literacy
- Elective x 2 (see list)
- Science Elective (see below list)
- Engineering Design & Dev. or Work-Based Learning or Related WSUTech Class

Computer Science

Freshman
- English 1
- World History
- Math (see list)
- PE or additional elective
- Elective (see list)
- Honors Biology
- Intro to Engineering Design

Sophomore
- English 2 or Honors Eng 2
- US History 1 or Hon. US 1
- Math (see list)
- Elective x 2 (see list)
- Honors Chemistry
- AP Computer Science Principles

Junior
- English 3 or Honors English 3
- US History 2 or AP US 2
- Math (see list)
- Elective x 2 (see list)
- Science Elective (see below list)
- AP Computer Science A (*24-25)

Senior
- English 4 or Honors Eng. 4
- Math (see list)
- Gov't/Financial Literacy
- Elective x 2 (see list)
- Science Elective (see below list)
- Engineering Design & Dev. or Work-Based Learning or Related WSUTech Class

Health Science

Freshman
- English 1
- World History
- Math (see list)
- PE or additional elective
- Elective (see list)
- Honors Biology
- Health Science I

Sophomore
- English 2 or Honors Eng 2
- US History 1 or Hon. US 1
- Math (see list)
- Elective x 2 (see list)
- Honors Chemistry
- Health Science II

Junior
- English 3 or Honors English 3
- US History 2 or AP US 2
- Math (see list)
- Elective x 2 (see list)
- Anatomy & Physiology or AP Biology
- Medical Interventions

Senior
- English 4 or Honors Eng. 4
- Math (see list)
- Gov't/Financial Literacy
- Elective x 2 (see list)
- Science Elective (see below list)
- Health Care Work Experience or Related WSUTech Class

To earn the science magnet certificate students must earn 8 science credits, 3 credits of math (with pre-calc), complete 25 total credits, passing all science classes and yearly projects earning at least a 'C', and a cumulative GPA at least 2.5.

Electives
- Intro to Theater (FA)*
- Advanced Theater (FA)**
- Stagecrafts (PR)**
- Rep. Theater (PR)**
- Band (FA)*
- Jazz Band (FA)*
- Orchestra (FA)*
- Explore. Musical Instruments (FA)**
- Concert Chorale (FA)*
- Madrigals (FA)**
- Lifetime Sports (PR)**
- Weights (PR)**
- MJROTC*

- Firefighter 1 **
- Debate/Speech***
- Practical Law/Business Mgmt **
- Yearbook **
- Sociology/Psychology ***
- Young Adult Literature *
- Creative Writing 1&2 **
- Spanish 1-5 *
- Teacher/Office Assistant ****
- Intro to Drawing/Art (FA) *
- Drawing & Painting 1 **
- Drawing 2-3 (PR) ***
- Painting 2-3 (PR) ***
- Ceramics 1-3 **

- Sculpture 1-3 **
- Graphic Design (CTE) **
- 3D Modeling (PR)(CTE)***
- AP Art Studio (PR) ****
- Photo Imaging (CTE) **
- Photo 2 (PR)(CTE)***
- AP Computer Sc. Prin.**

Science Electives
- AP Chemistry ***
- AP Biology **
- Astronomy & Geology **
- Anatomy & Physiology ***
- Forensic Science ***
- Honors Physics ***

Key
- CTE   Tech Credit
- PR   Course has Prerequisite
- BR   Board of Regents

Available starting:
- * Freshmen year
- ** Sophomore year
- *** Junior year
- **** Senior year

Science Preparedness Survey

Any class listed above can be taken as electives as long as they are in the correct sequence.