

The Medical Science Academy exists to provide students opportunities to explore world-class medical facilities and position themselves for medical careers. The Academy offers four years of robust curriculum focused on a variety of medical science topics. With the knowledge and practical skills obtained, Academy students graduate with a decided advantage over others competing to enter collegiate medical programs. Academy curriculum features a comprehensive progression of courses ranging from basic medical concepts to advanced diagnostics.

## Collaboration · Passion · Philanthropy

### Why the MedSci Academy?

- Case studies
- Hospital Rotations\*
- Innovative & challenging career focused courses
- Passionate instructors with industry experience
- Research Opportunities\*
- Project based learning
- Proximity to Medical Center
- Specialty courses in Health Science

*\*Student must complete complete competitive application process to enroll*

### Program Requirements/ Expectations

- Complete five health science credits in a coherent sequence as outlined in the program guidelines at all times.
  - Inclusive of medical terminology and anatomy & physiology (sophomore year)
- Must take Pre-AP, AP, Honors or Dual Credit science all four years
  - Inclusive of biology, chemistry and physics at the campus.
- Take and pass all appropriate course certifications.
- Complete 100 hours of community service while enrolled in the Academy.
  - Total of 25 hours per school year as approved by the Academy Coordinator
- Must maintain a 75 or higher in all academy specific courses.
- Must maintain a 70 or higher in all other courses.
- Must participate in at least one enrichment activity per grading period as outlined by the Academy Coordinator.

### Past Enrichment Opportunities

- Tour University of Texas Health Science Center @ Houston
- Tour UT Houston Medical School
- Learn from 1<sup>st</sup> through 4<sup>th</sup> year med students
- Conduct laboratory experiments at MD Anderson Cancer Center

### MedSci Academy Aligned Extra-Curricular Programs

#### Clubs/Organizations

- Habitat for Humanity
- HOSA
- National Honor Society
- Red Cross
- Science Honor Society
- Stand Up 2 Cancer
- Student Council
- Teens Assisting Special Kids (TASK)
- Youth Expanding Service (Y.E.S.)\*
- Youth in Philanthropy

*\*Required by MedSci Academy*

### Application Process

- Submit online application @ <https://academy.fortbendisd.com>
- Recommended that students complete Algebra I prior to the start of their ninth grade year
- Successful completion of all parts of the 7th grade STAAR exam
- 7th and 8th grade semester grades in math, science, ELA and social studies
- Math entrance exam
- Final acceptance is contingent upon successful completion of all eighth grade courses during the regular school year and all parts of the eighth grade STAAR exam.

### UIL/Academic Events

- Calculator Applications
- Computer Science
- Current Issues & Events
- Math
- Number Sense
- Science
- Science Fair

