

Expectations

All students will consistently demonstrate competency through a body of work in five major areas that support the accomplishment of the school's mission and that are aligned with national, state, and local standards.

- Students will demonstrate mastery of academic competencies throughout the curriculum and extended learning opportunities.
- Students will collect, organize, analyze, and assess information and strategies to create, apply, explain, and evaluate solutions.
- Students will communicate effectively through listening and speaking, reading and writing, and media.
- Students will demonstrate respect and responsibility while managing personal time, conduct, and planning.
- Students will work effectively with others and strengthen group performance by sharing ideas and workloads.

These over-arching expectations encompass developmentally appropriate academic, civic, and social outcomes and identify what a United I.S.D. student will know and be able to do upon graduation.



Alexander High School Magnet HEALTH & SCIENCES

United Independent School District

John B. Alexander High School Magnet for Health & Sciences

3600 E. Del Mar Blvd.

Laredo, Texas 78041

Ph. 956. 473.5866

Fax 956. 473.5998

JOHN B. ALEXANDER HIGH SCHOOL MAGNET FOR HEALTH & SCIENCES

**Class
of 2022
and thereafter**



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or visit www.uisd.net

It is the policy of United ISD not to discriminate on the basis of race, color, national origin, sex, handicap in its programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

**U BELONG
EVOLVE
ACHIEVE**

**WE ARE
UNITED**

INDEPENDENT SCHOOL DISTRICT



OUR MISSION

The mission of the John B. Alexander Magnet for Health & Sciences is to provide a challenging, well-balanced, college preparatory program that focuses on educational experiences in the health science professions.

OUR GOAL

- To provide advanced academic preparation for college bound students
- To create an awareness of the skills necessary for the development of successful future leaders in the areas of health and science

Entrance Criteria

Eighth grade students who meet the criteria may apply.

Grade Point Average Criteria

Students should have a composite grade average of at least a B (80%) for Math, Science, Language Arts/Reading, and Social Studies based on the 7th grade end of year report card, and the 8th grade January report card except Reading.

Exam Criteria

Students must take the required CogAT entrance exam.

MAGNET FOUR YEAR PLAN

FRESHMEN

Subject

- Pre-AP English I
- Pre-AP Biology
- Pre-AP Algebra I /Pre-AP Geometry
- Pre-AP World Geography
- BIM I
- Principles of Health Science (I)
- Foreign Language I
- Professional Communications/Health
- PE
- Art

SOPHOMORES

Subject

- Pre-AP English II
- Pre-AP Chemistry
- Pre-AP Algebra II
- Pre-AP Precalculus
- Pre-AP World History
- Elective
- Anatomy & Physiology (1)
- Foreign Language II & III
- Elective

JUNIORS

Subject

- AP English III
- Pre-AP Physics
- AP Calculus AB
- AP Calculus AB (CLAR)
- AP US History
- Elective
- Dental Science (1)
- AP US Government/ AP MacroEconomics
- PSAT/SAT Prep
- Elective

SENIORS

Subject

- AP English IV
- College Algebra
- AP Physics /AP Biology/AP Chemistry
- Practicum Health Science (2)
- AP Math Course (1)
- AP Science Course (1)
- College Prep
- GOLD Program
- Elective

Community Service

Students are required to complete 250 community service hours within four years.

Enrichment Activities

The following enrichment activities are designed to promote academic awareness and career opportunities to give students a competitive edge through advanced academic study and workplace skills training.

- Participation in field trips to organizations such as:
 - Doctors Hospital & Laredo Medical Center
 - Internship at Baylor College of Medicine
 - Sacred Heart Children's Home
 - HOSA Conference/Competition
 - UT HSC San Antonio
 - HOPE Conference (AHEC)
 - Center for Emergency Health Sciences, (Cadaver Lab), Spring Branch, TX.
- Participation and competition in leadership conferences, and health science events
- Participation in UIL Academics, Athletics, and Student Organizations

CERTIFICATIONS AVAILABLE

- First Aid
- CPR
- Dental Assistant
- Medical Office Assistant

Students have the opportunity to prepare and attain certain state certifications through their coursework in the Magnet School.

The AHS Magnet School students will also earn a distinguished level of achievement by successfully completing both curriculum requirements for the foundation high school program and the public service endorsement.

**Pre-AP Course **AP Course Magnet Specialty Courses listed in blue must be taken to complete Magnet Graduation Plan*
STAAR EOC Test