

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 ISD student will know and be able to do upon graduation.



United Independent School District

John B. Alexander High School Magnet for Health and Science

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Scan this image with your
smartphone to be directed
to the district's website



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.

JOHN B. ALEXANDER
HIGH SCHOOL

MAGNET FOR HEALTH AND SCIENCE



Class
of 2022
and thereafter

OUR MISSION

The mission of the John B. Alexander Magnet for Health and Science 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 that 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/BIM 1301*
- 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/UT on Ramps (all year)
- Pre-AP Precalculus/UT on Ramps (all year)
- Pre-AP World History/History 1301*
- Foreign Language II & III
- Anatomy & Physiology (1)
- Elective or Medical Terminology (non-weighted)
- Elective or Medical Microbiology (non-weighted)

JUNIORS

Subject

- AP English III/English 1301*
- Pre-AP Physics/UT on Ramps (all year)
- AP Math Course (1 of these: AP Calculus AB/ AP Statistics)
- AP Calculus AB (CLAR)/AP Statistics (CLAR)
- AP US History ☞/US History 1302*
- PSAT
- Dental Science (1)
- Elective/PSYC 2301/PSYC2314*
- Elective/AP Science
- Elective

SENIORS

Subject

- AP English IV/English 1302*/English 2327*
- AP Calculus BC (CLAR)/College Algebra 1314/ Elective
- Practicum Health Science (2)
- AP Science Course (1 of these: AP Physics / AP Biology/ AP Chemistry/AP Environmental)
- College Prep

- AP US Government/AP Macro Economics or Govt. 2305*/Govt. 2306*
- Elective/GOLD Program/Bio 1306/1106*
- Elective/GOLD Program/Bio 1306/1106*
- Elective/GOLD Program

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
 - HOSA Conference/Competition
 - 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
- BLS
- Dental Assistant
- Clinical Certified Medical Assistant
- OSHA - Occupational Safety and Health Administration.

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.

Magnet Specialty Courses listed in blue must be taken to complete Magnet Graduation Plan

☞ STAAR EOC Test Early Start Pathway (ESP)*