

Texas Academy of Biomedical Sciences

Campus profile 2024 – 2025



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Who we are

Founded in 2011, the Texas Academy of Biomedical Sciences is a public Early College High School dedicated to educating students who have expressed interest in biomedical-related careers and areas of study. The school admits about 100 students a year through a lottery system. At TABS, students receive real-world and hands-on instruction in a blended setting that mixes high school and college courses. In every program and classroom, TABS encourages academic rigor and student development in language, culture, knowledge and responsibility.

About Early College High School

The goal of an Early College High School is for students to graduate with up to 60 hours of transferable college credit. Students attend courses free of charge at Tarrant County College's Trinity River Campus. TABS' students are part of a small program that is ideal for first-generation and at-risk students, as well as those of low socioeconomic status. They can earn associate of arts or associate of science degrees.

College readiness exam results

SAT School Day, March 2024 (class of 2025)

	TABS	District	State	Globe
Total mean	987	845	943	952
ERW mean	503	428	478	485
Math mean	484	416	465	466

Certifications and career pathways

Patient care technician

Students learn to conduct phlebotomies and EKG tests, take vital signs, assist with activities of daily living, and provide comfort care. Students gain basic knowledge of medical terms, ethics, legal issues, anatomy and physiology.

Certifications: OSHA, BLS/CPR, patient care technician

Central sterilization technician

Central sterilization technicians are trained healthcare workers who use their skills to clean and sterilize medical instruments, equipment and supplies. They work with patients and health professionals, operate sophisticated computer equipment and observe patient protection measures.

Certifications: OSHA, BLS/CPR, sterile processing and distribution

Related accomplishments

	2021	2022	2023	2024
30-plus college hours	96%	91%	79%	82%
Associate of arts	52	57	46	38
Associate of science	13	19	11	16

Advanced Placement

In 2024, 209 students took a total of 251 A.P. exams in seven courses. Of those exams, 38 percent scored a 3 or higher.

Pharmacy technician

Students learn about drug classifications, action and administration, as well as ethical and legal issues, safety and the impact of pharmaceuticals on the medical industry. Pharmacy technician skills are acquired through a pharmacy externship.

Certifications: OSHA, BLS/CPR, pharmacy technician

Biomedical science

Students take three Project Lead the Way courses as part of a coherent sequence of biomedical courses. They learn the fundamentals of biomedical science and work with leaders in the community to experience clinical and research careers.

Certifications: Biotechnician assistant

CEEB code

442492

Key staff

Jack Henson
principal

Imelda Dunlap
assistant principal

Tammy Asbury
counselor

Sandra Muñoz
counselor

Brian Wooddell
postsecondary
success specialist

Mission statement

The mission of the Texas Academy of Biomedical Sciences is to provide students from the greater Fort Worth area with a rigorous curriculum in an early college environment, to prepare them for the demands of a career in biomedical sciences and to promote experiences associated with those careers.

Enrollment profile

Grades 9-12

Total enrollment 380

Ethnicity and race

African-American only 12.9%
Asian only 5.3%
Latino, nonwhite. 2.6%
Latino, white 70.5%
Multiracial, non-Latino. >1%
White, non-Latino. 7.9%

Economically
disadvantaged 72.4%

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Points of Pride

2020 National Blue Ribbon School



91% TEA accountability rating for 2022, with distinctions in science, mathematics and postsecondary readiness

Class of 2024

- ◆ Graduation rate: 100 percent
- ◆ TSI-met rate: 66 percent
- ◆ Biotechnician assistant certifications: 5
- ◆ Patient care technician certifications: 17
- ◆ Pharmacy technician certifications: 9

Advanced courses

Honors courses ◆ Total offered: 18

- | | |
|-----------------------|------------------------------|
| Algebra I and II | Pharmacy tech |
| Biology | Principles of health science |
| Chemistry | Scientific Research |
| English I, II and III | and Design II and III |
| Geometry | Spanish III |
| Health Science I | Spanish VI |
| Pathophysiology | U.S. History |
| Patient care | |

Dual-credit courses ◆ Total offered: 50

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|------------------------------------------|--------------------------------------|
| Acting I | General psychology |
| American Literature I and II | Introduction to humanities I |
| Anatomy and Physiology I and II | Introduction to physical fitness |
| Art and Design I and II | and wellness |
| Art appreciation | Introduction to sociology |
| Beginning Spanish I and II | Introduction to speech communication |
| Biology for Non-Science Majors I and II | Learning framework |
| Biology for Science Majors I and II | Life span growth and development |
| Business and professional communication | Music appreciation |
| Calculus I, II and III | Organic Chemistry I and II |
| Central Sterile Processing I, II and III | Personal and community health |
| College algebra | Pre-calculus math |
| College Physics I and II | Principles of macroeconomics |
| Composition I and II | Technical and business writing |
| Design I and II | Texas government |
| Elementary statistical methods | Theater appreciation |
| Federal government | United States History I and II |
| General Chemistry I and II | World Civilizations I and II |

Honors Project Lead the Way courses ◆ Total offered: 3

- | | |
|----------------------|----------------------------------|
| Human body systems | Principles of biomedical science |
| Medical intervention | |

Advanced Academic Immersion (A²I)¹

- | | |
|-------------------------------------------|--------------------------------------------------------|
| A.P. Physics C: mechanics | Linear algebra |
| A.P. Physics C: electricity and magnetism | Math computer simulations |
| Astrophysics | Modern physics |
| Calculus-based statistics | Multivariable calculus |
| Electrical circuit theory | Ordinary differential equations and their applications |

A.P. courses² ◆ Total offered: 8

- | | |
|-----------------------|--------------------------------|
| Biology | Human geography |
| Calculus AB | Precalculus |
| Calculus BC | Spanish language and culture |
| Environmental science | Spanish literature and culture |

OnRamps courses ◆ Total offered: 1

- Physics

Class of 2024 information

Percentage breakdown

- 82 graduates
- ◆ Top 5 percent have a GPA of 4.86 or higher
 - ◆ Top 10 percent have a GPA of 4.62 or higher
 - ◆ Top 25 percent have a GPA of 4.35 or higher

Post-high school plans

- ◆ Four-year university: 71 percent
- ◆ Two-year college or trade school: 7 percent
- ◆ Military or employment: 6 percent
- ◆ Undecided or gap year: 15 percent

Grading scale³

The Fort Worth Independent School District categorizes and weights courses as Tier I, Tier II and Tier III. Tier I includes Advanced Placement and dual-credit courses. Tier II includes honors courses. Tier III consists of any course not in Tier I or Tier II. This is generally referred to as an “on-level” course.

Grade	Tier I	Tier II	Tier III
97–100	5.0	4.5	4.0
94–96	4.8	4.3	3.8
90–93	4.6	4.1	3.6
87–89	4.4	3.9	3.4
84–86	4.2	3.7	3.2
80–83	4.0	3.5	3.0
77–79	3.8	3.3	2.8
74–76	3.6	3.1	2.6
71–73	3.4	2.9	2.4
70	3.0	2.5	2.0

¹A²I advanced courses are taken by fewer than 1 percent of TABS students.

²Most students take two to three A.P. courses during their time at TABS, and most students attempt to earn an A.A. or A.S. degree.

³The Fort Worth Independent School District ranks all graduates. Transcripts with ranking information omitted are available upon request. Class rank will be determined by descending order of a student’s weighted grade point average points earned in eligible courses that satisfy a student’s graduation plan in the following curriculum categories: English, mathematics, science and social studies. The calculation of class rank excludes grades earned in or through local credit courses, credit by examination and distance learning.