



Biomedical Science
& Technology (BST)
Academy at
Chino High School


www.chino.k12.ca.us/bstacademy





ABOUT BST ACADEMY



The Biomedical Science and Technology Academy (BST) at Chino High School brings opportunities to life! BST is a tuition-free, competitive, and rigorous magnet program that combines traditional coursework with cutting-edge, specialized classes and curriculum preparing students for the very B(e)ST that life after high school has to offer. BST strives for students to be innovative, investigatory, and inventive  throughout the branches of study offered. BST Academy branches of study will prepare our students to become industry leaders in their chosen field. They will keep pace with a changing world and prepare for a rewarding and successful career that they will love. Connect with us at the Biomedical Science and Technology Academy at Chino High School!

OUR EXPECTATIONS



All BST graduates will meet University of California and California State University admission requirements and be well qualified to meet the admission standards for top tier universities. BST is a competitive, academically rigorous environment seeking students who enjoy challenges that extend beyond the typical school day and year.





OUR MISSION



Biomedical Science and Technology Academy at Chino High School is committed to prepare our graduates to contribute, excel, and innovate in high demand technical professions and higher education endeavors. It seeks to fulfill this mission through a four-year rigorous academic program that embraces collaboration and inquiry with a pervasive commitment for excellence.

STUDENT PROFILE




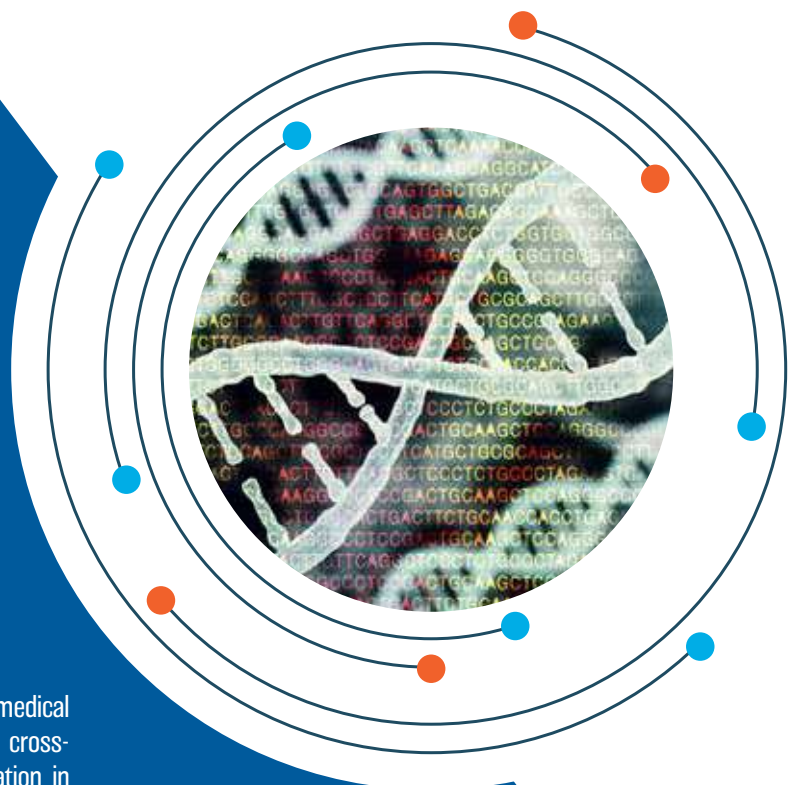
- ✓ Excels in a challenging and competitive academic environment designed to prepare the learner for success at postsecondary institutions and in 21st century job markets
- ✓ Thrives in a collaborative setting with students in an intellectually, ethnically, and economically diverse environment
- ✓ A developing leader and innovator who embraces challenges through critical thinking, creativity, and innovation
- ✓ Strong aptitude and interest in science and mathematics



OUR PROGRAMS



BST Students will participate in the full range of Advanced Placement course offerings in addition to the Core Specialty Courses within the Biomedical Science and Cyber Security branches. These programs are designed to provide students leading-edge knowledge in emerging careers with a focus on innovation, investigation, and invention .



BIOMEDICAL SCIENCE



BST's one-of-a-kind revolutionary Biomedical Science branch is a groundbreaking cross-disciplinary program with a concentration in Artificial Intelligence driven by math, science, and neurology. Through a hands-on approach, students pull ahead of the competition in this emerging field by mastering research dexterities that allow for the application of solutions to real-world problems.



CYBER SECURITY



Students who choose this branch will be immersed in the vital emerging field of Cyber Security and be part of a highly sought-after group of experts responsible for keeping company and government networks and information systems safe and secure.



CORE SPECIALTY COURSES

Biomedical Science with a Concentration in Artificial Intelligence

Introduction to Artificial Intelligence
Artificial Intelligence in Medicine
Applied Artificial Intelligence in Anatomy and Physiology
AP Biology
AP Seminar: Biomedical Science
AP Research: Artificial Intelligence
AP Chemistry
AP Physics
Senior Capstone: Application of Research

Cyber Security

Introduction to Python
Cyber Defense I Fundamentals Honors
Cyber Security II Honors-Ethical Hacking
AP Computer Science A
AP Computer Science Principles
AP American Government and Cyber Security
AP Research: Fields in Computer Science
AP Seminar: Computer Science
Senior Capstone: Application of Research



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RETURN SERVICES REQUESTED

