Medical & BioScience Students . . .

- Experience rigorous coursework
- Interact with health science professionals
- Develop real-life skills through internships
- Prepare for admission to a competitive four-year college program
- Apply modern technology to real-life problems

Exciting Career Paths

- Physician
- Veterinarian
- Bioengineer
- Nurse
- Genetic Counselor
- Genetic Engineer
- Physical Therapist
- Occupational Therapist
- Physician Assistant
- Pharmacist
- Dietitian/Nutritionist

Program Partners

- Medical & BioScience Professionals
- Longmont United Hospital
- University of Colorado Denver, Bioengineering Department
- University of Colorado Denver, College of Liberal Arts and Sciences
- Longmont High School, Medical & BioScience Academy

Guaranteed Admission to CU Denver:

College of Liberal Arts & Sciences
Arts & Media, School of Public Affairs
  • 3.20 cumulative GPA, ACT composite: 21+

College of Engineering & Applied Science
College of Architecture & Planning, Business School
  • 3.40 cumulative GPA, ACT composite: 23+

Chris Chou
MBSA Program Coordinator

Chou holds a B.S. in Bioengineering and a M.Ed. in Curriculum and Instruction from the University of Illinois at Urbana-Champaign.

She participated in the Human Genome Project through DNA sequencing as an intern at the Oak Ridge National Laboratory and was a graduate research assistant in Nutritional Science at the University of Illinois.

Chou has 11 years teaching experience and has been a member of the LHS Science Department for 9 years.
Established in 1901 and steeped in tradition, pride and excellence, Longmont High School is an Honors and Advanced Placement (AP) Focus school with a Medical & BioScience Academy. Our highly trained staff is committed to meeting the needs of all students.

The Medical & BioScience Academy (MBSA) of Longmont High School is designed for students interested in careers or post-secondary education rooted in the health sciences.

The MBSA program provides rigorous college-preparatory curricula and instruction that prepares students for highly competitive admissions, and post-secondary education programs in medicine, research, and allied health sciences.

MBSA students are required to enroll in Honors-level or AP math and science classes, ensuring a strong knowledge base.

Students concurrently experience the following courses; Introduction to Health Care Foundations, Nutrition & Wellness, Anatomy & Physiology, and Forensic Science.

MBSA Senior Internship

Along with rigorous coursework, MBSA seniors apply for and complete a one-semester capstone project through an internship at a health science or bioscience organization.

During internships, students interact with health science professionals, apply modern technology and develop skills needed in the medical and bioscience workplace.

College Credit

Students can acquire college credit through the University of Colorado's CU Succeed Program. By completing eligible AP classes, students earn dual credit for high school and college. These college credits may be transferred to colleges and universities all over the world.

Applications accepted for enrollment each fall and spring semester: lhs.svvsd.org/academics/mbsa