THE LONGMONT HIGH SCHOOL

MEDICAL & BIO SCIENCE ACADEMY

is designed for students interested in careers or postsecondary education rooted in the health sciences. The Medical and BioScience Academy (MBSA) provides rigorous college-preparatory curricula and instruction that prepares students for highly competitive admissions, and postsecondary education programs in medicine, research and allied health sciences.

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

Students concurrently experience the following courses: Introduction to Health Care Foundations, Nutrition and Wellness, Anatomy and 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 Denver’s CU Succeed Program. Additionally, by completing eligible AP classes and passing the AP exam, students can earn dual credit for high school and college. These college credits may be transferred to colleges and universities all over the world.

MBSA students are guaranteed admission to Colorado State University or University of Colorado Denver if they meet minimum GPA and ACT composite scores.

### Apply for Enrollment Each Fall:

LHS.SVVSD.ORG/ACADEMICS/MBSA

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### MBSA Senior Internship

<table>
<thead>
<tr>
<th>Grade</th>
<th>MBSA Course</th>
<th>Science</th>
<th>Math</th>
<th>English</th>
<th>Social Studies</th>
<th>World Languages</th>
<th>Electives</th>
<th>Career Development</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Intro to Health Care Foundations</td>
<td>Honors Biology</td>
<td>Honors Geometry</td>
<td>Honors English 9</td>
<td>Honors World History</td>
<td>French/ Spanish 1</td>
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<tr>
<td></td>
<td>Nutrition &amp; Wellness</td>
<td>Honors Chemistry</td>
<td>Honors Algebra 2</td>
<td>Honors English 10</td>
<td>AP U.S. History</td>
<td>French/ Spanish 2</td>
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<td></td>
<td>Anatomy &amp; Forensic Sci.</td>
<td>Honors Trig/ Precalculus</td>
<td>AP English 11 or AP Language</td>
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<td>AP U.S. Govt. &amp; AP Comp Govt.</td>
<td>French/ Spanish 3</td>
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<tr>
<td>12</td>
<td>MBSA Senior Internship</td>
<td>AP Bio. &amp;/or AP Chem. &amp;/or AP Physics 1/2</td>
<td>AP Calculus &amp;/or AP Statistics</td>
<td>AP English 12 or AP Literature</td>
<td>AP European History or AP Psychology</td>
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**MBSA students must maintain a 3.0 grade point average each year to remain eligible for the program.**

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### Medical & Bioscience Students...

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

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### Program Partners

- Medical and BioScience Professionals
- Longmont United Hospital
- Colorado State University
- University of Colorado Denver

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