

MSA requirements

Cohorts 2018, 2019 and 2020

Course Requirements

18/19 cohorts



- Students enrolled in the LHS Medical Science Academy, should carefully plan their academic and extracurricular schedule to accommodate the demands of the rigorous coursework.
- The Healthcare/Biotechnology internship is **required** to graduate from the Medical Science Academy or Medical Science Academy with Distinction.
- Scheduling will be handled on an individual basis and will be tailored to each student's individual science and mathematics needs.

Minimum Requirements for Graduation from the Academy 2018 and 2019

Course Requirements for Academy Completers	Healthcare Sciences 1. Introduction to Healthcare 2. Essentials of Healthcare <u>or</u> Essentials of Biotechnology 3. Applications of Healthcare <u>or</u> Applications of Biotechnology 4. Internship	Core Sciences 1. Honors Biology 2. Honors Chemistry 3. AP Biology <u>or</u> AP Chemistry 4. Any Level of Physics (On-Level or AP)	Mathematics 3 Accelerated Courses and 1 AP Course Example: Accelerated Algebra Accelerated Geometry Accelerated Pre-Calculus AP Calculus <u>or</u> AP Statistics
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Minimum Requirements for Graduation from the Academy with Distinction 2018 and 2019 ONLY

<p>Course Requirements for Academy Completers with Distinction</p>	<p>Healthcare Sciences 1. Introduction to Healthcare 2. Essentials of Healthcare <u>or</u> Essentials of Biotechnology 3. Applications of Healthcare <u>or</u> Applications of Biotechnology 4. Internship</p>	<p>Core Sciences 1. Honors Biology 2. Honors Chemistry 3. AP Biology 4. AP Chemistry 5. Any Level of AP Physics 6. Human Anatomy & Physiology (Biology II)</p>	<p>Mathematics All Accelerated/AP Courses (5 Credit Minimum – Middle School Credit Counts) Example: 1. Accelerated Algebra 2. Accelerated Geometry 3. Accelerated Pre-Calculus 4. AP Calculus 5. AP Statistics or Georgia Tech Calculus</p>
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Minimum Requirements for Graduation from the Academy 2020 and Beyond

<p>Course Requirements for Academy Completers</p>	<p>Healthcare Sciences</p> <ol style="list-style-type: none"> 1. Introduction to Healthcare 2. Essentials of Healthcare <u>or</u> Essentials of Biotechnology 3. Diagnostic Phlebotomy <u>or</u> Applications of Biotechnology 4. Internship <u>or</u> Work-based Learning <u>or</u> Gifted Independent Study <u>or</u> Honors Mentorship 	<p>Core Sciences</p> <ol style="list-style-type: none"> 1. Honors Biology 2. Honors Chemistry 3. AP Biology <u>or</u> AP Chemistry 4. Biology II (Human Anatomy & Physiology with Dissection Component) 5. Any Level of Physics (On-Level or AP) 	<p>Mathematics</p> <p>3 Accelerated Courses and 1 AP Course</p> <p>Example:</p> <p>Accelerated Algebra Accelerated Geometry Accelerated Pre-Calculus AP Calculus <u>or</u> AP Statistics</p>
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