



- Before enrolling in the LHS Medical Science Academy, a student should carefully plan his/her academic and extracurricular schedule for the following year to accommodate the demands of the rigorous coursework.

Medical Science Academy High School Schedule

	9th	10th	11th	12th
Healthcare Sciences	Healthcare	Essentials of Healthcare or Essentials of Biotechnology	Phlebotomy or Applications of Biotechnology	Internship
Mathematics	Accelerated Algebra or Accelerated Geometry	Accelerated Geometry or Accelerated Pre-Calculus or AP Statistics	Accelerated Pre-Calculus or AP Calculus AB/BC or AP Calculus or AP Statistics	AP Calculus AB/BC or Multivariable Calculus or AP Statistics or AP Calculus or GA Tech Calculus
Core Sciences	Honors Biology	Honors Chemistry	AP Chemistry or AP Biology	AP Chemistry or AP Biology AND Any Level of Physics (Physics/AP Physics 1/AP Physics 2/AP Physics C)

Medical Science Academy with Distinction High School Schedule

	9th	10th	11th	12th
Healthcare Sciences	Healthcare	Essentials of Healthcare <u>or</u> Essentials of Biotechnology	Phlebotomy <u>or</u> Applications of Biotechnology	Internship
Mathematics	Accelerated Algebra <u>or</u> Accelerated Geometry	Accelerated Geometry <u>or</u> Accelerated Pre-Calculus <u>or</u> AP Statistics	Accelerated Pre-Calculus <u>or</u> AP Calculus AB/BC <u>or</u> AP Calculus <u>or</u> AP Statistics	AP Calculus AB/BC <u>or</u> Multivariable Calculus <u>or</u> AP Statistics <u>or</u> AP Calculus <u>or</u> GA Tech Calculus
Core Sciences	Honors Biology	Honors Chemistry <u>AND</u> AP Biology	AP Chemistry <u>AND</u> Anatomy	AP Physics (AP Physics 2 <u>or</u> AP Physics C)

- Scheduling will be done on an individual basis and will be tailored to each student's individual needs.
- Students are expected to work with their teachers and counselors to meet all other non-academy graduation requirements.
- Students have choice in the rigor level for English/social studies/world languages.
- Students may choose to take classes online to free up space in the schedule. Note: Lambert High School will not pay for the cost of online courses.
- Students are expected to adhere to the Medical Science Academy schedules set forth. Failure to do so will result in termination from the academy.
- Medical Science Academy with Distinction students must take **ALL** of the following courses: honors biology, honors chemistry, AP Biology, AP Chemistry, anatomy, AP Physics 2 or C, accelerated math to a minimum of AP Calculus (to include no less than 5 math credits, including middle school credit), as well as the entire Healthcare/Biotechnology pathway through the internship.
- The Healthcare/Biotechnology internship **is required** to graduate from the Medical Science Academy or Medical Science Academy with Distinction.
- Lab Assistant credit will not count in lieu of core content credit for graduation purposes, but may be used to earn additional science credits in open scheduling spots if nominated and selected by the science department.
- Spanish and/or Latin are highly recommended.