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

Minimum Requirements for Graduation from the Academy with Distinction 2018 and 2019 ONLY

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

Minimum Requirements for Graduation from the Academy 2020 and Beyond

Course Requirements	Healthcare Sciences 1. Introduction to	Core Sciences 1. Honors Biology	Mathematics 3 Accelerated
for Academy	Healthcare	2. Honors Chemistry	Courses and 1 AP
Completers	2. Essentials of	3. AP Biology <u>or</u> AP	Course
	Healthcare <u>or</u>	Chemistry	
	Essentials of	4. Biology II (Human	Example:
	Biotechnology	Anatomy & Physiology	Accelerated
	3. Diagnostic	with Dissection	Algebra
	Phlebotomy <u>or</u>	Component)	Accelerated
	Applications of	5. Any Level of Physics	Geometry
	Biotechnology	(On-Level or AP)	Accelerated Pre-
	4. Internship <u>or</u>		Calculus
	Work-based		AP Calculus or AP
	Learning <u>or</u> Gifted		Statistics
	Independent Study		
	<u>or</u> Honors		
	Mentorship		