

**SOUTH TEXAS ACADEMY FOR MEDICAL PROFESSIONS
COURSE SEQUENCE 2019-2020**

English I Honors	English II Honors	English III AP	English IV AP
Algebra I Honors or Geometry Honors	Geometry Honors or Algebra II Honors	Algebra II Honors or Pre-Calculus Honors or Calculus AB	Pre-Calculus Honors or Calculus AB or Calculus BC
Biology Honors	Chemistry Honors	Physics Honors	Biology AP Chemistry AP or Environmental Science AP or Physics AP
		Biology AP or Chemistry AP or Environmental Science AP	
Human Geography AP	World History AP	U.S. History AP	U.S. Government AP (semester course) Economics AP (semester course)
Spanish I Honors or Spanish II Honors	Spanish II Honors or Spanish Lang. AP	*Psychology AP (semester course)	Spanish Lang. AP or Spanish Lit. AP
Speech (semester course) Foundations of Personal Fitness (semester course)	Art I Honors or Theater Arts	Individual Sports (semester course) SAT/ACT Prep (semester course)	Elective Statistics AP or Additional Science AP or Additional Spanish AP or Computer Science AP or Additional Art AP or Team Sports or World Health Research (1 credit course) or An approved Independent Study Course or Personal Finance (semester course)
Research/ Technical Writing (semester course)			
Computer Science Honors			
Health Professional Skills or Human Growth & Development (with HPS credit)	Pathophysiology Anatomy & Physiology	Health Science Theory/Health Science Clinical Clinical Laboratory Dental Science Ophthalmology Patient Care Pharmacy Trauma Management (2 credit course)	Practicum in Health Science Emergency Medical Science Dental Assisting Medical Assisting Ophthalmology Phlebotomy Pharmacy Technician (2 credit course)

Students must take core classes each year in English, Math, Science, and Social Studies. Advanced Placement classes are available in Art, Calculus, Statistics, Biology, Computer Science, Chemistry, Environmental Science, Physics, English Language, English Literature, Spanish Language, Spanish Literature, Economics, U. S. Government, U.S. History, World History and Psychology. Dual Enrollment in English and US History. *Psychology AP may be taken for advanced scheduling.

Medical Academy offers the Foundation Diploma with endorsements in: STEMS (science, technology, engineering and math); Public Service; Arts and Humanities and Multidisciplinary Studies.