

## MICHAEL E. DEBAKEY HIGH SCHOOL FOR HEALTH PROFESSIONS

The DeBakey High School for Health Professions (DHSHP) was created to provide a comprehensive and challenging precollege academic and health-oriented educational program to motivate and enable students to pursue postsecondary health careers. Students attending the DHSHP follow the prescribed four-year course sequence. As a result, each student will exceed the minimum graduation requirements established by the Texas Education Agency and the Houston Independent School District. All students are required to participate in a health science course each year. Clinical learning experiences occur at Baylor College of Medicine affiliated teaching hospitals and other health institutions in the Texas Medical Center.

### FOUR-YEAR COURSE SEQUENCE, 2020-2021

**R = Regular**

**PAP = Pre-Advanced Placement**

**AP = Advanced Placement**

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
English I (R/PAP)	English II (PAP)	English III (R) or AP English Language	English IV (R) or AP English Literature
World Geography (R or PAP) Or AP Human Geography	World History (R or AP)	U.S. History (R or AP)	Economics (R) or AP Macro Eco (1 <sup>st</sup> sem)  U.S. Government [2 <sup>nd</sup> sem.] (R or AP)
Algebra I (R or PAP) and Geometry (R or PAP)	Algebra II (R or PAP)	Pre-Calculus (R or PAP)	AP Calculus (AB or BC)
Biology (R or PAP) and Integrated Physics Chemistry (R or PAP)	Chemistry (R or PAP)	Physics, (R or AP) AP Physics I	Biology, Chemistry, or Physics II (AP)
Communication Applications (1 semester)	Elective (1 semester)	Foreign Language (French or Spanish) Levels III+ (R or AP)	Fine Arts IA & IB: Art or Theater Arts
Physical Education 1A/1B	Elective (1 semester)	*Elective(s)	Computer Course 1A/1B
Foreign Language  (French or Spanish) Levels I (R), II (R or PAP)	Foreign Language  (French or Spanish) Levels II, III (R, PAP or AP)	Practicum in Health Science I (2 class periods)  • Medical Laboratory I (12 weeks) • Dental Science (12 weeks) • Patient Care Science (12 weeks)	Practicum in Health Science II (2 class periods)  • World Health/Biomedical Engineering (12 weeks) • Anatomy & Physiology (12 weeks) • Preceptorship (12 weeks)
Principles of Health Science (1 period)	Health Science I (1 period)		

**Notes:**

- Students not completing Algebra 1 prior to enrollment in DHSHP will be required to take Algebra 2 and Geometry in an accelerated block format in Grade 10.
- Placement of incoming students in Geometry Pre-AP, Algebra 2 Pre-AP, Pre-Calculus Pre-AP, Chemistry Pre-AP, Spanish (II) regular is based upon request and eligibility.
- Students may participate in sports at their zoned schools. Please speak to the Physical Education teachers or the administration to determine requirements for participation.
- The following electives are offered dependent upon completions of core curriculum and availability: AP Art, AP Computer Science, AP Environmental Sciences, AP Psychology, AP Spanish Language, AP Human Geography, AP US History, AP World History, AP European History, Art I, II and III, Communication Applications, Computer Science, Foreign Language IV (French or Spanish), Medical Microbiology, Music Theory, Music & Media and Instrumental Ensemble, Physical Education, Theater Arts I, II and III, Theater Productions and Yearbook I, II and III.
- Prerequisite for AP Statistics is successful completion of Algebra 2 (R or Pre-AP). However, it is recommended that students complete Pre-Calculus (R or Pre-AP) prior to enrollment.
- Credit is given to all high school courses taken before enrolling in DeBakey HSHP. However, those courses will not be used in the GPA calculations.
- All students must seek administrative approval before enrolling in any high school course from any non-HISD program. No credit is given for any course(s) completed from an outside agency without prior administrative approval from DeBakey HSHP. Pre-AP or AP course taken from any outside institution will not receive Pre-AP or AP credit.
- Any student who completes required core course work prior to the stipulated time frame is required to enroll in the course(s) offered at DeBakey HSHP, or from an outside agency with prior administrative approval from DeBakey HSHP. Students are not allowed to have a free class period(s) for any reason.