Coursework Requirements per 19 TAC Chapter 74, Subchapter B
Foundation Graduation Plan

Effective 8/22/2016

Content Area	Rule
English Language Arts	Advanced English course after successful completion of English I, II, and III
Mathematics	Advanced mathematics course to be taken after successful completion of Algebra I and Geometry

(j) A student may not be enrolled in a course that has a **required** prerequisite unless:

(1) the student has successfully completed the prerequisite course(s);

(2) the student has demonstrated equivalent knowledge as determined by the school district; or

(3) the student was already enrolled in the course in an out-of-state, an out-of-country, or a Texas nonpublic school and transferred to a Texas public school prior to successfully completing the course.

(k) A district may award credit for a course a student completed without meeting the prerequisites if the student completed the course in an out-of-state, an out-of-country, or a Texas nonpublic school where there was not a prerequisite.

Prerequisite coursework per Texas Essential Knowledge and Skills
All High School Programs

Content Area	Course	Prerequisite Course
English Language Arts	AP English Language and Composition	English II (recommended)
	AP English Literature and Composition	English III (recommended) or AP English Language and Composition (recommended)
	IB Language Studies A1 SL	English II (recommended)
	IB Language Studies A1 HL	IB Language Studies A1 SL (recommended)
Mathematics	Geometry	Algebra I (**required**)
	Mathematical Models with Applications (MMA)	Algebra I (**required**)
	Algebra II	Algebra I (**required**)
	Advanced Quantitative Reasoning (AQR)	Geometry and Algebra II (**required**)
	Pre-Calculus	Algebra I, Geometry, and Algebra II (**required**)
	Independent Study in Mathematics	Geometry and Algebra II (**required**)
	Statistics	Algebra I (**required**)
	Algebraic Reasoning	Algebra I (**required**)
	AP Statistics	Algebra II and Geometry (recommended)

SBISD 7/25/2016

	AP Calculus AB	Precalculus (recommended)
	AP Calculus BC	Precalculus (recommended)
	IB Mathematical Studies SL	Algebra II and Geometry (recommended)
	IB Mathematics SL	Algebra II and Geometry (recommended)
	IB Mathematics HL	IB Mathematical Studies SL or IB Mathematics SL
Science	Biology	none
	Integrated Physics and Chemistry	none
	Chemistry	One unit of HS Science and Algebra I (**required**)
	Physics	Algebra I (suggested)
	Aquatic Science	Biology (**required**) and Chemistry (suggested)
	Earth and Space	Three units of science, one of which may be taken concurrently, and three units of mathematics, one of which may be taken concurrently (**required**)
	Environmental Systems	One unit of high school life science and one unit of high school physical science (suggested)
	AP Biology	Biology and Chemistry (recommended)
	IB Biology SL	Two years of high school laboratory science (Recommended)
	IB Biology HL	Two years of high school laboratory science (Recommended)
	AP Chemistry	Chemistry and Algebra II (recommended)
	IB Chemistry SL	Two years of high school laboratory science (Recommended)
	IB Chemistry HL	Two years of high school laboratory science (Recommended)
	AP Physics B	Physics, Algebra I, Algebra II, and Geometry (recommended)
	AP Physics C	Physics, Algebra I, Algebra II, Geometry, and Calculus
	IB Physics SL	Two years of high school laboratory science (Recommended)
	IB Physics HL	Two years of high school laboratory science (Recommended)
	AP Environmental Science	Algebra I, two years of high school laboratory science including one year of life science and one year of physical science (recommended)