

**Course Matrix for College Core Curriculum
Completion 2024-2025**

Subject Area	Institution	Course Code	Course Title	Hours	HSI-Katy Course Title	HS Credit	Offered In	Prerequisite	Class Type
Communication	Lone Star	ENGL 1301/1302	Composition and Rhetoric I	6	English IV AP/D	1.0	12	TSI Readiness in Reading AND Writing OR PSAT 460-760 in Reading OR SAT 480 in Reading AND Writing OR ACT 19 (Composite 23) OR STAAR English II: Level II 4000+	In Campus
	Lone Star	ENGL 1301/1302	Composition and Rhetoric I	6	English Lang AP/D	1.0	11-12	TSI Readiness in Reading AND Writing OR PSAT 460-760 in Reading OR SAT 480 in Reading AND Writing OR ACT 19-22 (Composite 23) OR STAAR English II: Level II 4000+	In Campus
	Lone Star	SPCH 1315	Public Speaking	3	Public Speaking	0.5	9-12	TSI Readiness in Reading AND Writing	Online-Summer
	Lone Star	SPCH 1318	Introduction to Communication	3	Communication APP	0.5	9-12	TSI Readiness in Reading AND Writing	Online-Summer
Mathematics	Lone Star	MATH 1314	College Algebra	3	Precalculus -D	0.5	10-12	TSI Readiness in Math OR PSAT 510-760 in Math OR SAT 530-569 in Math (No Composite) OR ACT 19-22 (Composite 23) OR Algebra I: Level II 4000+ and Passing Grade in Algebra II Course	In Campus
	Lone Star	MATH 1316	Trigonometry	3	Pre-Calculus-D	0.5	10-12	MATH 1314 OR Placement by Testing; TSI Level Readiness in Math AND Accuplacer Next Generation Algebra & Functions 250+ OR Accuplacer CLM 85-93 (Older Version) OR Compass CA 51-99 OR SAT 570-619 in Math (No Composite)	In Campus
Life and Physical Sciences	Lone Star	BIOL 1406	Biology I for Science Majors	4	Biology AP/D	1.0	11-12	TSI Readiness in Reading AND Writing; Placement into MATH 1314 or TSI Math 343+	In Campus
	Lone Star	BIOL 2401/2402	Human Anatomy & Physiology I-II	8	Anatomy & Physiology-D	1.0	11-12	TSI Readiness in Reading AND Writing; BIOL 1408 or BIOL 2404 strongly recommended; Placement into MATH 1314 or TSI Math 343+	In Campus
	On Ramps	CHEM 1405	Introductory Chemistry	4	Chemistry Honors/D	1.0	10-12	TSI Readiness in Reading AND Writing; Placement into MATH 1314 or TSI Math 343+	In Campus
	Lone Star	Phys 1401	General Physics	4	Physics I AP/D	1.0	11-12	TSI Readiness in Reading AND Writing; OR Corequisite: MATH 1314	In Campus
Creative Arts	Lone Star	ARTS1301	Art Appreciation	3	Art Appreciation I-D	1.0	9-12	TSI Readiness in Reading AND Writing	In Campus
Language, Philosophy, and Culture	Lone Star	ENGL 2322/2323	Survey of British Literature - Anglo-Saxon through the 18th Century	6	English Literature AP/D	1.0	12	ENGL 1301 and ENGL 1302	In Campus
Government	HCC	GOVT 2305	Government	3	US Government-D	0.5	12	TSI Readiness in Reading AND Writing	In Campus
Social/Behavioral Sciences	HCC	ECON 2301	Economics	3	Economics-D	0.5	12	TSI Readiness in Math, Reading AND Writing	In Campus