

**Course Matrix for College Core Curriculum Completion  
2020-2021**

Subject Area	Institution	Subject/Catalog#	Course Title	Hours	High School Course	HS Credit	Offered In	Prerequisite	Class Type
<b>Communication</b>	Lone Star	ENGL 1301/1302	Composition and Rhetoric I	6	English IV AP/D	1.0	12	TSI Readiness in Reading <b>AND</b> Writing <b>OR</b> PSAT 460-760 in Reading <b>OR</b> SAT 480 in Reading <b>AND</b> Writing <b>OR</b> ACT 19 (Composite 23) <b>OR</b> 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 <b>AND</b> Writing <b>OR</b> PSAT 460-760 in Reading <b>OR</b> SAT 480 in Reading <b>AND</b> Writing <b>OR</b> ACT 19-22 (Composite 23) <b>OR</b> 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 <b>AND</b> Writing	Online-Summer
	Lone Star	SPCH 1318	Introduction to Communication	3	Communication APP	0.5	9-12	TSI Readiness in Reading <b>AND</b> Writing	Online-Summer
<b>Mathematics</b>	Lone Star	MATH 1314	College Algebra`	3	Pre-Calculus-D (CA)	0.5	10-12	TSI Readiness in Math OR PSAT 510-760 in Math <b>OR</b> SAT 530-569 in Math (No Composite) <b>OR</b> ACT 19-22 (Composite 23) <b>OR</b> Algebra I: Level II 4000+ and Passing Grade in Algebra II Course	In Campus
	Lone Star	MATH 1316	Trigonometry	3	Pre-Calculus-D (Tri)	0.5	10-12	MATH 1314 <b>OR</b> Placement by Testing; TSI Level Readiness in Math <b>AND</b> Accuplacer Next Generation Algebra & Functions 250+ <b>OR</b> Accuplacer CLM 85-93 (Older Version) <b>OR</b> Compass CA 51-99 <b>OR</b> SAT 570-619 in Math (No Composite)	In Campus
	Lone Star	MATH 1342	Statistics	3	Statistics-D	1.0	9-12	TSI Readiness in Math OR PSAT 510-760 in Math <b>OR</b> SAT 530-569 in Math (No Composite) <b>OR</b> ACT 19-22 (Composite 23) <b>OR</b> Algebra I: Level II 4000+ and Passing Grade in Algebra II Course	In Campus
<b>Life and Physical Sciences</b>	Lone Star	BIOL 1406	Biology I for Science Majors	4	Biology AP/D	1.0	11-12	TSI Readiness in Reading <b>AND</b> 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 <b>AND</b> Writing; BIOL 1408 or BIOL 2404 strongly recommended; Placement into MATH 1314 or TSI Math 343+	In Campus
	Lone Star	CHEM 1405	Introductory Chemistry	4	Chemistry Honors/D	1.0	10-12	TSI Readiness in Reading <b>AND</b> Writing; Placement into MATH 1314 or TSI Math 343+	In Campus
	Lone Star	CHEM 1411	General Chemistry I	4	Chemistry AP/D	1.0	11-12	TSI Readiness in Reading <b>AND</b> Writing; CHEM 1405 <b>OR</b> 1 year of high school chemistry taken within the last 3 years; Corequisite: MATH 1314	In Campus
<b>Creative Arts</b>	Lone Star	MUSI 1306	Appreciating Music	3	Music Studies Music Appr. I-D	1.0	9-12	TSI Readiness in Reading <b>AND</b> Writing	In Campus
<b>Language, Philosophy, and Culture</b>	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
<b>Government</b>	HCC	GOVT 2305	Government	3	US Government-D	0.5	12	TSI Readiness in Reading <b>AND</b> Writing	In Campus
<b>Social/Behavioral Sciences</b>	HCC	ECON 2301	Economics	3	Economics-D	0.5	12	TSI Readiness in Math, Reading <b>AND</b> Writing	In Campus