

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

| Subject Area | Institution | Course Code | Course Title | Hours | HSI-Sugar Land 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 | Algebra II-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 |
| | Lone Star | MATH 1342 | Statistics | 3 | Statistics-D | 1.0 | 9-12 | 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 |
| 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 |
| | Lone Star | 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 | CHEM 1411 | General Chemistry I | 4 | Chemistry AP/D | 1.0 | 11-12 | TSI Readiness in Reading AND Writing; CHEM 1405 OR 1 year of high school chemistry taken within the last 3 years; Corequisite: MATH 1314 | In Campus |
| Creative Arts | Lone Star | MUSI 1306 | Appreciating Music | 3 | Music Studies Music Appr. 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 |