

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| Mathematics | 3 |
| MATH 1314, 1316, 1324, 1325, 1332, 1342, 2412, 2413, 2414, 2415 | |
| Natural Science with lab | 4 |
| ASTR 1481, 1482; BIOL 1308 & 1108, 1309 & 1109, 1406, 1407, 1411, 1413, 2401, 2402, 2406, 2416, 2420, 2428; CHEM 1405, 1407, 1411, 1412, 1413, 1414, 2423, 2425, 2427; ENVR 1401; GEOL 1401, 1402, 1403, 1404, 2430; PHYS 1401, 1402, 1411, 1412, 2325 & 2125, 2326 & 2126, 2425, 2426 | |
| Note: Course must have a lab. Please see p. 42 for Natural Science core curriculum restrictions. | |
| Natural Science (lab optional) | 3 |
| ANTH 2301; ASTR 1381, 1382, 1481, 1482; BIOL 1308, 1309, 1322, 1406, 1407, 1411, 1413, 2401, 2402, 2406, 2416, 2420, 2428; CHEM 1305, 1307, 1405, 1407, 1411, 1412, 1413, 1414, 2423, 2425, 2427; ENVR 1301, 1401; GEOL 1345, 1347, 1401, 1402, 1403, 1404, 2430; HECO 1322; PHYS 1305, 1306, 1401, 1402, 2325, 2326. | |
| Note: Please see p. 42 for Natural Science core curriculum restrictions. | |
| History (choose two) | 6 |
| HIST 1301, 1302, 2301 | |
| GOVT 2301 Government I | 3 |
| GOVT 2302 Government II | 3 |
| Visual/Performing Arts (choose 3 hours) | 3 |
| Any 3 semester hours of ARTS; DANC; DRAM; MUAP, or MUSI courses. | |
| Social/Behavioral Science (choose one) | 3 |
| ANTH 2302, 2346, 2351; ECON 2301, 2302, 2311; GEOG 1302, 1303, 2312; GOVT 2304; HIST 2389; PHIL 2307; PSYC 2301, 2389; SOCI 1301, 1306, 2301, 2319, 2336, 2374; TECA 1354 | |
| Cross/Multicultural Studies (choose one) | 3 |
| ANTH 2302, 2346, 2351; ARTS 1301, 1303, 1304; ECON 2311; ENGL 2322, 2323, 2327, 2328, 2332, 2333, 2334, 2335, 2336, 2341, 2342, 2343, 2353, 2374; DANC 2303, EDUC 1325; GEOG 1302, 1303, 2312; HIST 2311, 2312, 2321, 2322, 2380, 2381; HUMA 1301, 1305, 2319, 2323; MUSI 1306, 1308, 1309; PHED 1304; PHIL 1301, 1304, 2307, 2316, 2317, 2321; PSYC 2370; SOCI 1301, 2319, 2374; SPCH 1318; any Foreign Language 1411, 1412, 2311, or 2312. | |
| Additional Mathematics (May choose any college-level mathematics, PHIL 2303, or PSYC 2317) | 6 |
| Additional Natural Science with lab | 4 |
| College-Level Electives | 7 |
| * No one course may be used to fulfill more than one core category. | |

ASSOCIATE IN SCIENCE DEGREE TRANSFER ADVISING PLANS

CIVIL ENGINEERING SPECIALTY AREA

| | |
|----------------------------------|---|
| ENGL 1301 Composition I | 3 |
| ENGL 1302 Composition II | 3 |
| Oral Communication | 3 |
| Humanities (choose one) | 3 |
| 3 | |
| MATH 2413 Calculus I (FOS) | 4 |

| | |
|------------------------------------------------------------------------|---|
| MATH 2414 Calculus II (FOS) | 4 |
| CHEM 1411 General Chemistry I (FOS) | 4 |
| CHEM 1412 General Chemistry II (FOS) | 4 |
| PHYS 2325 General Technical Physics I (FOS) | 3 |
| PHYS 2125 Physics Laboratory I (FOS) | 1 |
| PHYS 2326 General Technical Physics II (FOS) | 3 |
| PHYS 2126 Physics Laboratory II (FOS) | 1 |
| American History | 6 |
| GOVT 2301 Government I | 3 |
| GOVT 2302 Government II | 3 |
| Social/Behavioral Science | 3 |
| Visual/Performing Arts (choose 3 hours) | 3 |
| Cross Cultural elective (choose one) | 3 |
| ENGR 1201 Introduction to Engineering | 2 |
| ENGR 2301 Engineering Statics (FOS) | 3 |
| ENGR 2302 Engineering Dynamics (FOS) | 3 |
| For other Engineering plans, call the Transfer Office at 713-718-8534. | |

COMPUTER SCIENCE SPECIALTY AREA

| | |
|-------------------------------------------------------------|---|
| ENGL 1301 Composition I | 3 |
| ENGL 1302 Composition II | 3 |
| Oral Communication | 3 |
| Humanities (choose one) | 3 |
| MATH 2413 Calculus I (FOS) | 4 |
| MATH 2414 Calculus II (FOS) | 4 |
| PHYS 2125 Physics Laboratory I (FOS) | 1 |
| PHYS 2325 General Technical Physics I (FOS) | 3 |
| PHYS 2126 Physics Laboratory II (FOS) | 1 |
| PHYS 2326 General Technical Physics II (FOS) | 3 |
| American History | 6 |
| GOVT 2301 Government I | 3 |
| GOVT 2302 Government II | 3 |
| Social/Behavioral Science | 3 |
| Visual/Performing Arts (choose 3 hours) | 3 |
| Cross Cultural elective (choose one) | 3 |
| COSC 1436 Programming Fundamentals I (FOS) | 4 |
| COSC 1437 Programming Fundamentals II (FOS) | 4 |
| COSC 2436 Programming Fundamentals III (FOS) | 4 |
| COSC 2325 Computer Organization & Machine Lang. (FOS) | 3 |

SCIENCE/MATH TECHNOLOGY SPECIALTY AREA

| | |
|----------------------------------------------|---|
| ENGL 1301 Composition I | 3 |
| ENGL 1302 Composition II | 3 |
| Oral Communication (choose one) | 3 |
| Humanities (choose one) | 3 |
| MATH 2412 Precalculus | 4 |
| MATH 2413 Calculus I | 4 |
| MATH 2414 Calculus II | 4 |
| MATH 2425 Calculus III | 4 |
| CHEM 1411 General Chemistry I | 4 |
| CHEM 1412 General Chemistry II | 4 |
| PHYS 2125 Physics Laboratory I | 1 |
| PHYS 2325 General Technical Physics I | 3 |
| PHYS 2126 Physics Laboratory II | 1 |
| PHYS 2326 General Technical Physics II | 3 |
| American History | 6 |
| GOVT 2301 Government I | 3 |
| GOVT 2302 Government II | 3 |