

Prerequisite Equivalency Chart TEXAS A&M INTERNATIONAL UNIVERSITY

| Texas Core Curriculum | |
|--|----------------------------|
| Required for Bachelor's Degrees | |
| English Composition I | ENGL 1301 |
| English Composition II | ENGL 1302 |
| College Algebra or Higher | MATH 1314 |
| U.S. History I | HIST 1301 |
| U.S. History II | HIST 1302 |
| Federal Government | PSCI 2305 |
| Texas Government | PSCI 2306 |
| Philosophy / Humanities / Literature | PHIL 1301 |
| Arts / Drama / Dance / Music | ARTS 1303 |
| Psychology / Sociology | PSYC 2301 |
| (3) Science Course + Lab | Texas Core |

| Doctor of Occupational Therapy (OT) | |
|--|--------------------------|
| Human Anatomy + Lab* | BIOL 2301 + BIOL 2101 |
| Human Physiology + Lab* | BIOL 2302 + BIOL 2102 |
| Physics I | PHYS 1301 |
| Kinesiology | KINE 2316 |
| Abnormal Psychology | PSYC 4303 |
| Developmental Psychology | PSYC 2314 |
| Choose one of the following courses: | SOCI 1306, or |
| Sociology / Anthropology | ANTH 4351 |
| Statistics | MATH 1342 |
| Medical Terminology | N/A |

| Respiratory Care (RC) BS / MS | |
|--|--------------------------|
| Microbiology + Lab | BIOL 2421 |
| Physics + Lab** | PHYS 1301 + PHYS 1101 |
| Chemistry + Lab** | CHEM 1311 + CHEM 1111 |
| Human Anatomy + Lab* | BIOL 2301 + BIOL 2101 |
| Human Physiology + Lab* | BIOL 2302 + BIOL 2102 |
| Respiratory Care (RC) BS Online / MS Online | |
| No additional requirements | |

| Doctor of Physical Therapy (PT) | |
|--|--------------------------|
| Human Anatomy + Lab* | BIOL 2301 + BIOL 2101 |
| Human Physiology + Lab* | BIOL 2302 + BIOL 2102 |
| Biology I + Lab | BIOL 1306 + BIOL 1106 |
| Upper-Level Biology | |
| Chemistry I + Lab | CHEM 1311 + CHEM 1111 |
| Choose one of the following courses: | CHEM 1412, or |
| Chemistry II + Lab | CHEM 2423, or |
| Organic Chemistry I + Lab | |
| Biochemistry + Lab | BIOL 3451 |
| Physics I + Lab | PHYS 1301 + PHYS 1101 |
| Physics II + Lab | PHYS 1302 + PHYS 1102 |
| Introduction to Psychology | PSYC 2301 |
| Choose one of the following courses: | PSYC 2314, or |
| Developmental Psyc / Motor Developm | KINE 2316 |
| Choose one of the following courses: | SOCI 1306, or |
| Intro to Sociology / Social Psychology / | PSYC 3301, or |
| Cultural Anthropology | ANTH 4351 |
| Public Speaking | COMM 1315 |
| Statistics | MATH 1342 |

| Speech Language Pathology (SLP) MS | |
|---|---------------|
| Statistics | MATH 1342 |
| Choose one of the following courses: | PSYC 2301, or |
| Psychology / Sociology | SOCI 1306 |
| Biological Science | BIOL 1306 |
| Physical Science | PHYS 1301 |

| Master of Physician Assistant (PA) Studies | |
|---|--------------------------|
| Human Anatomy + Lab* | BIOL 2301 + BIOL 2101 |
| Human Physiology + Lab* | BIOL 2302 + BIOL 2102 |
| Chemistry I + Lab | CHEM 1311 + CHEM 1111 |
| Chemistry II + Lab | CHEM 1412 |
| Microbiology + Lab | BIOL 2421 |
| Organic Chemistry I + Lab | CHEM 2423 |
| Genetics | BIOL 3413 |
| Choose one of the following courses: | PSYC 2301, or |
| Introduction to Psych / Abnormal Psych / | PSYC 4303, or |
| Developmental Psych | PSYC 2314 |
| Statistics | MATH 1342 |

| Medical Laboratory Sciences (MLS) BS / MS | |
|--|--------------------------|
| Chemistry I + Lab | CHEM 1311 + CHEM 1111 |
| Chemistry II + Lab | CHEM 1412 |
| Biology I + Lab | BIOL 1306 + BIOL 1106 |
| Biology II | BIOL 1311 + |
| Microbiology + Lab | BIOL 2421 |
| Physiology | BIOL 3405 |
| Genetics | BIOL 3413 |
| Organic Chemistry I + Lab | CHEM 2423 |
| Biochemistry | BIOL 3451 |
| Statistics | MATH 1342 |
| Precalculus | MATH 2412 |

Notes

1. Courses listed are prerequisites for our degrees, and all course numbers are specific to TEXAS A&M INTERNATIONAL UNIVERSITY.

* Courses must be in-sequence. EG: Anat + Lab and Physio + Lab, or A&P I + Lab and A&P II + Lab.

** Lab only required for MS Program.