



Texas Wesleyan University & Dallas College
Mathematics with Secondary Certification (BS)
 Transfer Equivalency Worksheet 2020-2021*



Texas Wesleyan Course #	Course Name	Dallas College Equivalent #	Hours Needed
General Education Requirements (45-46 Hours)			
Language Literacy (12 Hours)			
ENG 1301	Composition & Rhetoric	ENGL 1301	3
ENG 1302	Composition & Literature	ENGL 1302	3
ENG 2324, 2326, 2327, or 2328	One sophomore level literature or creative writing course	ENGL 2307, 2321, 2322, 2323, 2326, 2327, 2328, 2331, 2332, 2333, OR 2341	3
HUM 2340 or 2341	One Interdisciplinary Integrative course	HUMA 1302	3
Analytic Literacy (10-11 Hours)			
MAT 1302* and/or higher*	One or Two Math courses (College Algebra or higher)	MATH 1314*, 1324*, 1414* and/or higher*	3-6
One or Two from BIO, CHE, GEO, NSC, PHY 1401*, PHY 1402*	One or Two 4 hour Biology, Chemistry, Geology, Natural Science, or Physics lab sciences	PHYS 1401* and/or PHYS 1402*	4-8
Cultural Literacy (12 Hours)			
HIS 2324	Fundamentals of Modern American History	HIST 1302	3
FAR, MUS, or THA	One 3 hour Art, Fine Arts, Music, or Theatre course	ARTS, MUSI, DRAM, HUMA 1315	3
REL 1311, 1312, 1313, 1321, 1323	One 3 hour Religion course	PHIL 1304 or 2306	3
FAR, MUS, THA, HIS 2321, 2301, 2303, PHI 2301, 2321, REL 1311, 1312, 1313, 1321, or SPC 1301	One additional Cultural Literacy Course	ARTS, MUSI, DRAM, HIST 1301, 2321, 2322, PHIL 1301, 1304, 2303, 2307, SPCH 1311, 1315, 1318, 1321	3
Social Literacy (10-11 Hours)			
EXS 1220	Basic Concepts of Health & Physical Education	KINE 1338 or PHED 1164	1
BUA 1301, ECO 2305, FIN 1325, POL 2311, GEG 2304, 2305, IST 2300, PSY 1301, 2342, SOC 1302, 2301, 2302, 2390	Three courses with at least two areas represented	BUSI 1301, ECON 2301, FIN 1325, GOVT 2306, GEOG 1302, 1303, PSYC 2301, ANTH 2346, 2351, SOCI 1301, 1306, 2319	9
Required Related Courses (3-12 Hours) *Some courses listed in Required Related Courses may be used to fulfill GEC.			
PHY 1401*	University Physics I	PHYS 1401*	4
PHY 1402*	University Physics II	PHYS 1402*	4
CSC 1310 OR CSC 1321	Foundation of Computer Science OR Computer Programming	COSC 1436, 2415, ITSE 1330, 1407, 1430, 2353, 2359, 2421, 2443, 2457	3
MAT 4380	Teaching Math in Secondary School		3
MAT 4190	Capstone in Teaching Mathematics in Secondary School		1
Major Requirements (36 Hours) *Some courses listed in Major Requirements may be used to fulfill GEC.			
MAT 1302*	College Algebra	MATH 1314*, 1324*, OR 1414*	3
MAT 1303*	Pre-Calculus	MATH 1316* OR 2412*	3
MAT 1324	Calculus I	MATH 2413*	3
MAT 1325	Calculus II	MATH 2414*	3
MAT 2231	Calculus III	MATH 2415*	3
MAT 3311	Intro Probability Statistics		3
MAT 3321	Linear Algebra		3
MAT 3336	Modern Algebra		3
MAT 3341	Geometry for Classroom Teachers		3
One Additional 2000 Level MAT Course			3
One Additional 3000 Level MAT Course			3
One Additional 4000 Level MAT Course			3
Education Requirements (26 Hours)			
Professional Development			
EDU 2100	Foundations of Education		1
EDU 3310	Studies in Multicultural Education	EDUC 2301	3
EDU 3338	Computers as a Classroom Tool		3
EC-6 Pedagogy			
EDU 3342	Instruction, Assessment, and Classroom Management	EDUC 1301	4
EDU 4331	Differentiating Instruction in Mixed-Ability K-12 Classrooms		3



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Reading			
RDG 4347	Reading in the Content Area		3
Clinical Teaching			
EDU 4604	Clinical Teaching in Secondary School		6
Electives (0 hours)			0
Total Hours Needed			120

*Course equivalencies are subject to change based on the catalog year. For the most up to date information, contact the Office of Admissions at 817-531-4422 or www.txwes.edu/admissions

Updated:
11/2020