

Texas Wesleyan University & Tarrant County College

Computer Science BS

Transfer Equivalency Worksheet

This is an unofficial document and not meant to represent the student's degree plan. See the 2013-2015 Undergraduate Catalog for official course requirements.

Texas Wesleyan Univ. Course #	Course Name	TCC 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, 2308, 2322, 2323, 2327, 2328, 2332, or 2333	3
HUM 2340 or 2341	One Interdisciplinary Integrative course	HUMA 1301	3
Analytic Literacy (10-11 Hours)			
MAT 1302 or higher	One or Two Math courses (College Algebra or higher)	MATH 1314 or higher	3-6
One or Two from BIO, CHE, GEO, NSC, PHY	One or Two 4 hour Biology, Chemistry, Geology, Natural Science, or Physics lab sciences	One or Two from BIOL, CHEM, GEOL, PHYS	4-8
Cultural Literacy (12 Hours)			
HIS 2322	Fundamentals of Modern American History	HIST 1302	3
ART, 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, 1322	One 3 hour Religion course	PHIL 1316, 1317, 1304, 2306	3
ART, FAR, MUS, THA, HIS 2321, HIS 2301, HIS 2303, PHI 2301, PHI 2321, REL 1311, REL 1312, REL 1313, REL 1321, or SPC 1301	One additional Cultural Literacy Course	ARTS, MUSI, DRAM, HIST 1301, HIST 2321, HIST 2322, PHIL 2303, PHIL 2301, PHIL 1316, PHIL 1317, PHIL 2306, PHIL 1304, SPCH	3
Social Literacy (10-11 Hours)			
EXS 1220	Basic Concepts of Health & Physical Education	PHED 1164, 1338	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, 1307, ECON 2301, GOVT 2305, 2306, GEOG 1303, PSYC 2301, ANTH 2346, SOCI 1301, 1306, 2319	9
Major Requirements (51-54 Hours) *Some courses listed in Major Requirements may be used to fulfill GEC.			
MAT 1324	Calculus I	MATH 2413	3
MAT 1325	Calculus II	MATH 2414	3
MAT 3311	Introduction to Probability and Statistics		3
MAT 3321	Linear Algebra		3
MAT 3381	Discrete Mathematics		3
Major Requirements (42 Hours)			
CSC 1321	Computer Programming with C++	COSC 1420, 1436, or 2420	3
CSC 1322	Advance Programming with C++	COSC 1437	3
CSC 1330	Assembly Language Programming	COSC 2425	3
CSC 2310	Computer Organization		3
CSC 2320	Data Structures	COSC 2436	3
CSC 2340	Object-Oriented Programming and Design		3
CSC 3320	Programming Language Concepts		3
CSC 3360	Design and Analysis of Algorithms		3
CSC 3391	Operating Systems		3
CSC 4383	Software Engineering		3
CSC 4384	Senior Project		3
CSC 4320, CSC 4341, CSC 4351, CSC 4360, CSC 4391	Any 9 hours of the following courses: Artificial Intelligence, Principles of Database Systems, Computer Graphics, Computer Networks, and Contemporary Topics in Computer Science		9
Electives (21-22Hours)			
Total Hours Needed			124

For more information, contact the Office of Admission at 817-531-4422 or www.txwes.edu/admissions.

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