Hours Remaining: 120
*Approx. number of hours remaining
*Includes currently enrolled courses

BS Computer Science
2025-2026
Good through Sumer 2026

STUDENT: _____ **ID:** _____

NOTES: _____ **ADVISOR:** _____ **DATE:** _____

University Core for BS Computer Science Students – 46 Hours				
Core complete on transcript from another Texas public institution prior to attending UT Tyler equates to core complete at UT Tyler.				
Core Area	**Satisfied**	**Grade I**	**Grade II**	**Required Course Prefix & Number** (Course numbers are listed according to UTT; transfer numbers may vary)
Communication				**6 hrs.** ENGL 1301, ENGL 1302, ENGL 2311; CMST 1315; *HNRS 1352
Mathematics				**4 hrs.** MATH 2413 **REQUIRED**
LAB Science I & II				**8 hrs.** BIOL 1306+1106 & 1307+1107 **or** CHEM 1311+1111 & 1312+1112 **or** PHYS 2325+2125 & 2326+2126 **Must be taken in the same discipline; CORRESPONDING LABS REQUIRED**
Language, Philosophy & Culture				**3 hrs.** ENGL 2322, 2323, 2350, 2362, 2363, 2370; HIST 2321, 2322; PHIL 1301, 1304, 2303, 2306, 2331; *HNRS 1351
Creative Arts				**3 hrs.** ART 1301, 1306, 2303, 2304; MUSI 1306, 1313, 2301, 2308; THTR 1301, 1356; *HNRS 2352
American History				**6 hrs.** HIST 1301, HIST 1302, HIST 1303
Political Science				**6 hrs.** POLS 2305, POLS 2306
Social & Behavioral Sciences				**3 hrs.** ANTH 2346; CRIJ 1301; ECON 1301, 2301, 2302; GEOG 1313; PSYC 1301; SOCI 1301
Human Expression				**3 hrs.** ENGL 1301, 1302, 2322, 2323, 2350, 2362, 2363, 2370; MCOM 2307; PHIL 2331; CMST 1311; *HNRS 1351, *HNRS 2351
STEM				**4 hrs.** MATH 2414 **REQUIRED**
Required Seminars – 0 Hours (credit/non-credit)				
Required for all first time in college admits. Waived for transfer admits.				
First Year Seminars				**0 hrs.** GENB 1000 (Soules Success), UNIV 1000 (Student Success)

Computer Science Core – 39 Hours All CS Core courses require a "C" or higher		**Prerequisites**	**Grade at Completion**	**Semester to be Taken**
COSC 1336	Programming Fundamentals	None		
COSC 1337	Object Oriented Paradigm	COSC 1336		
COSC 2336	Data Structures and Algorithms	COSC 1337 & MATH 2413		
COSC 2315	Computer Organization	COSC 1336 & Any MATH		
COSC 3325	Algorithm Analysis & Foundations (FALL ONLY)	COSC 2336 & MATH 2330		**FALL**
COSC 3345	Computer Architecture (FALL ONLY)	COSC 2315		**FALL**
COSC 3355	Operating Systems (SPRING ONLY)	COSC 2315 & COSC 2336		**SPRING**
COSC 4315	Information Knowledge and Management (SPRING ONLY)	COSC 1337		**SPRING**
COSC 4385	Database Management Concepts	COSC 2336		
COSC 3315	Social and Professional Issues in Computing	COSC 1337		
COSC 4336	Software Development (FALL ONLY)	COSC 2336		**FALL**
COSC 4360	Net-Centric Computing (FALL ONLY)	COSC 2315 & COSC 2336		**FALL**
COSC 4395	Capstone Project	All UD COSC (Except 3355)		

Specified Support Courses – 35 Hours All Support courses require a "C" or higher		**Prerequisites**	**Grade at Completion**	**Semester to be Taken**
MATH 2330	Discrete Structures	MATH 2413		
MATH 3351	Probability & Statistics for Engineers & Scientists	MATH 2414		
MATH 3203	Matrix Methods	MATH 2413		
MANA 3370	Business Writing and Oral Presentations	None		
4 hr. LAB Science III		See Catalog for Prerequisites		
3 hr. LD/UD Science or UD MATH		See Catalog for Prerequisites		
3 hr. COSC/CSCI UD Elective		See Catalog for Prerequisites		
3 hr. COSC/CSCI UD Elective		See Catalog for Prerequisites		
3 hr. COSC/CSCI UD Elective		See Catalog for Prerequisites		
3 hr. COSC/CSCI UD Elective		See Catalog for Prerequisites		
3 hr. UD Elective (non-COSC/CSCI)		See Catalog for Prerequisites		
2 hrs. General Elective (UD or LD) to reach 120: MATH 2312		Prerequisite for MATH 2413		

Estimated Graduation Semester:	

*This is an estimate only and is subject to change based on course offerings, student enrollment, and successful completion of courses. Student should regularly consult academic advisor for confirmation of graduation timeline.

_____
Student Signature

_____
Advisor Signature

NOTE: Student is seeking a Bachelor of Science (BS) with a major in Computer Science and must meet all university, college, and degree requirements to be eligible for graduation.
UD COSC/CSCI Electives: Please see your advisor for an updated list of electives offered each semester.