

BS in Computer Information Technology (CITE)

Suggested Four-Year Plan

The CITE degree requires a minimum of 120 hours to complete.

YEAR	FALL SEMESTER	SPRING SEMESTER
Freshman	COSC 10403: Intro to Programming	COSC 20203: Techniques in Programming
	MATH 10524: Calculus I (or 10283)	MATH: 20123: Discrete Math I
	TCU Core ¹	TCU Core ¹
	TCU Core ¹	TCU Core ¹
Sophomore	CITE 30103: Unix/Linux System Admin	CITE 30133: Adv System & Network Admin
	COSC 20803: Data Structures	COSC 30003: Computer Networks
	MATH 10043: Elementary Statistics	TCU Core ¹
	TCU Core ¹	TCU Core ¹
Junior	COSC 30603: Database Systems	CITE 30363: Web Technologies
	COSC 40233: Cloud Computing	CITE/COSC Elective
	CITE/COSC Elective	TCU Core ¹
	TCU Core – NSC ¹	TCU Core – NSC ¹
Senior	Free Elective	Free Elective
	COSC 40943: Software Engineering ²	COSC 40993: Senior Design Project ²
	CITE/COSC Elective	COSC 40053: Computer & Network Security
	Free Elective	Free Elective
	Free Elective	Free Elective
	Free Elective	Free Elective

Note: 42 hours must be in advanced courses (30000 or 40000 level) **taken at TCU.**

¹ Must be selected from university approved courses. The approved courses are identified in the schedule of classes.

² COSC 40943 and COSC 40993 are writing emphasis courses (TCU Core WEM).