

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 10283: Applied Calc (or 10524)	MATH: 20123: Discrete Math I
	ENGL 10803: Introductory Comp	ENGL 20803: Intermediate Comp
	Elective – Religious Traditions	Elective – Cultural Awareness
	Elective – Historical Traditions	Elective – Literary Traditions
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	Elective – Fine Arts
	Elective – Social Sciences	Elective – Citizenship/Social Values
	Elective – Global Awareness	Elective – Free
Junior	COSC 30603: Database Systems	CITE 30363: Web Technologies
	COSC 40233: Cloud Computing	Elective – CITE/COSC (e.g., COSC 30103)
	Elective – CITE/COSC (e.g., CITE 40450)	COMM 10123 (or COMM 20103)
	Elective - Science	Elective - Science
	Elective – Free	Elective – Free
Senior	COSC 40943: Software Engineering	COSC 40993: Senior Design Project
	Elective – CITE/COSC	COSC 40053: Computer & Network Security
	Elective – Free	Elective – Free
	Elective – Free	Elective – Free
	Elective – Free	Elective – Free

Note:

- 42 hours must be in advanced courses (30000 or 40000 level) **taken at TCU.**
- 9 hours of Humanities and 6 additional hours of Social Sciences must be covered in the HMV&V, or electives listed above.
- Be aware that many of the HMV&V courses couple with HE&E and will cover both requirements (max coupling is 24 hours).
- COSC 40943 and COSC 40993 will cover the Writing Emphasis (WEM) requirement.