

## 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
<b>Freshman</b>	COSC 10403: Intro to Programming	COSC 20203: Techniques in Programming
	MATH 10524: Calculus I (or 10283)	MATH: 20123: Discrete Math I
	TCU Core - NSC <sup>3</sup>	TCU Core - NSC <sup>3</sup>
	TCU Core <sup>3</sup>	TCU Core <sup>3</sup>
<b>Sophomore</b>	TCU Core <sup>3</sup>	TCU Core <sup>3</sup>
	COSC 30503: Systems Programming	CITE 30103: UNIX/Linux System Admin
	COSC 20803: Data Structures	COSC 30003: Intro to Computer Networks
	MATH 10043: Elementary Statistics	TCU Core <sup>3</sup>
<b>Junior</b>	TCU Core <sup>3</sup>	TCU Core <sup>3</sup>
	TCU Core <sup>3</sup>	TCU Core <sup>3</sup>
	COSC 30603: Database Systems	CITE 30363: Web Technologies
	COSC 40233: Cloud Computing	CITE/COSC Elective <sup>2,4</sup>
<b>Senior</b>	CITE/COSC Elective <sup>2,4</sup>	TCU Core <sup>3</sup>
	Free Elective	TCU Core <sup>3</sup>
	Free Elective	Free Elective
	Free Elective	Free Elective
<b>Senior</b>	COSC 40943: Software Engineering <sup>5</sup>	COSC 40993: Senior Design Project <sup>5</sup>
	CITE/COSC Elective <sup>2,4</sup>	COSC 40053: Intro to Cybersecurity
	Free Elective	Free Elective
	Free Elective	Free Elective
<b>Senior</b>	Free Elective	Free Elective
	Free Elective	Free Elective

**Note:**

1. 36 hours must be in advanced courses (30000 or 40000 level) **taken at TCU**.
2. Must be an approved CITE/COSC elective.
3. Must be selected from university approved courses. The approved courses are identified in the schedule of classes.
4. CITE 40450 – Computing Internship may be used as one of the CITE/COSC electives.
5. COSC 40943 and COSC 40993 are writing emphasis courses (TCU core WEM).