

Year	Fall Semester	Spring Semester
Freshman	CoSc 10403 Intro to Programming	CoSc 20203 Techniques in Programming
	Math 10524 Calculus I	Math 10123 Discrete Math I
	Elective – Science ¹	Elective – Science ¹
	Elective – Religious Traditions ²	Engl 10803 Introductory Comp
	Elective – Historical Traditions ²	Elective – Cultural Awareness ²
Sophomore	CoSc 20803 Data Structures	CoSc 30203 Comp Systems Fund
	Math 10143 Discrete Math II	CoSc 30403 Prog Lang Concepts
	Elective – Science ¹	Math 30803 Probability & Stat
	Engl 20803 Intermediate Comp	Elective – Science ¹
	Elective – Global Awareness ²	Elective – Literary Traditions ²
		Elective – Fine Arts ²
Junior	CoSc 30253 Computer Org	CoSc 30353 Micro Based Digital Sys
	CoSc 30603 Database Systems	CoSc 40203 Operating Systems
	Math 30224 Linear Algebra	CITE 30533 Computer, Tech & Society
	Elective – Oral Communication ²	Elective – Citizenship/Social Values ²
	Elective – Free	Elective – Free
		Elective – Free
Senior	CoSc 40603 Compiler Design	CoSc 40993 Senior Design Project
	CoSc 40943 Software Engineering	Elective – Computer Science ³
	Elective – Computer Science ³	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.**

Science Requirement

NOTE: 32 hours of mathematics and science is required.

<u>Recommended Sequence</u>	<u>Not Allowed for any Science Credit</u>
BIOL 10504 – 10514 (Honors)	10003, 10213, 20204–14, 20233, 30613, 30803
CHEM 10113 – 10125	10163
ENSC 10143	
GEOL 10113	20213, 30103 (good Critical Inquiry course!)
PHYS 10154 – 10164 or 20474 – 20484 or 20013* – 20023* or 20073 – 20083	10073, 20053, 20113–20123

*Non-Lab

¹ Must include a two-course sequence. Must include two courses having a lab component. All courses must be selected from Biology, Chemistry, Environmental Science, Geology or Physics.

² Must be selected from university-approved courses. The approved courses are identified in the schedule of classes.

³ Must be approved.