

# Computer Science – Frisco

2022-2023 Catalog: Sample Four-Year Schedule

Year One	Fall Semester	Course Title	Credit Hours	Term(s) Offered	Spring Semester	Course Title	Credit Hours	Term(s) Offered
	MATH 1710	Calculus I <i>Pre-req: MATH 1650 or Test Placement</i>	4	F., Sp., Su.	MATH 1720	Calculus II <i>Pre-req: MATH 1710</i>	3	F., Sp., Su.
	CHEM 1410	General Chemistry I <i>Pre-req: MATH 1100 or higher</i>	3	F., Sp., Su.	CSCE 1040	Computer Science II <i>Pre-req: CSCE 1030, Co/Pre-req: MATH 1710</i>	3	F., Sp., Su.
	CHEM 1430	General Chemistry I Lab <i>Co/Pre-req: CHEM 1410</i>	1	F., Sp., Su.	TECM 2700	Technical Writing <i>Pre-req: Communication Core</i>	3	F., Sp., Su.
	<b>CSCE 1030</b>	<b>Computer Science I</b> <i>Pre-req: MATH 1650 or Co-req: MATH 1710</i>	4	F., Sp.	BIOL 1710	Biology I	3	F., Sp., Su.
	Comm. Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	BIOL 1760	BIOL Lab <i>Co/Pre-req: BIOL 1710</i>	2	F., Sp., Su.
	Total Hours		15		Total Hours		14	

Year Two	MATH 2700	Linear Algebra <i>Pre-req: MATH 1720</i>	3	F., Sp., Su.	+MATH 1780	Probability Models <i>Pre-req: MATH 1710</i>	3	F., Sp., Su.
	PHYS 1710	Mechanics <i>Pre-req: MATH 1710</i>	3	F., Sp., Su.	PHYS 2220	Electricity & Magnetism <i>Pre-reqs: MATH 1720 &amp; PHYS 1710/1730</i>	3	F., Sp., Su.
	PHYS 1730	Mechanics Lab <i>Co/Pre-req: PHYS 1710</i>	1	F., Sp., Su.	PHYS 2240	Electricity & Magnetism Lab <i>Co/Pre-req: PHYS 2220</i>	1	F., Sp., Su.
	CSCE 2100	Foundations of Computing <i>Pre-req: CSCE 1040</i>	3	F., Sp., Su.	CSCE 3110	Data Structures <i>Pre-req: CSCE 2100, 2110</i>	3	F., Sp., Su.
	+EENG 2710	Digital Logic Design	3	F., Sp., Su.	CSCE 2610	Assembly Lang. & Computer Org. <i>Pre-reqs: CSCE 2100, Co/Pre-req: EENG 2710</i>	3	F., Sp., Su.
	CSCE 2110	Foundations of Data Structures <i>Pre-req: CSCE 1040</i>	3	F., Sp., Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		16		Total Hours		16	

Year Three	+CSCE 3444	Software Engineering <i>Pre-reqs: CSCE 3110</i>	3	F., Sp., Su.	CSCE 4901	Capstone I <i>Pre-reqs: TECM 2700, CSCE 3444 Co/Pre-req: CSCE 4110</i>	3	F., Sp., Su.
	+CSCE 4110	Analysis of Algorithms <i>Pre-reqs: CSCE 3110</i>	3	F., Sp.	+CSCE 3600	Systems Programming <i>Pre-reqs: CSCE 2100</i>	3	F., Sp., Su.
	CSCE Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp., Su.	CSCE Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp., Su.
	TECM 4***	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.	CSCE Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		15		Total Hours		15	

Year Four	+CSCE 4010	Social Issues <i>Pre-reqs: CSCE 3600</i>	3	F., Sp., Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp.
	+CSCE 4902	Capstone II <i>Pre-req: CSCE 4901</i>	3	F., Sp., Su.	CSCE Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.
	CSCE Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.	CSCE Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	Misc. Elective	Misc. Elective to reach 120 hours (if needed)	3	F., Sp., Su.
	Total Hours		15		Total Hours		15	

Course in **Bold** = Destination course required to transition to a full-major. Minimum grade of "C" and 2.0 UNT GPA required for completion. ENGL, TECM, MATH, CHEM, PHYS, BIOL, EENG, and CSCE require minimum grade of "C" for completion and/or prerequisite. CSCE Core Electives (2) choose from CSCE 3530, 4430, 4600 CSCE Breadth Elective (2) choose from CSCE 3550, 4201, 4230, 4350. CSCE Free Electives (2) choose from any other CSCE courses at 3000 or 4000 level available at Frisco

# Information Technology – Frisco

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	MATH 1710	Calculus I <i>Pre-req: MATH 1650 or Test Placement</i>	4	F., Sp., Su.	MATH 1040	Computer Science II <i>Pre-req: CSCE 1030</i> <i>Co/Pre-req: MATH 1710</i>	3	F., Sp., Su.
	CHEM 1410 or BIOL 1710	General Chemistry I or Biology I <i>Pre-req for CHEM 1410: MATH 1100 or higher</i> <i>Pre-req for BIOL 1710: none</i>	3	F., Sp., Su.	MATH 1680 or MATH 1780	Statistics or Probability Models <i>Pre-req for MATH 1680: none</i> <i>Pre-req for MATH 1780: MATH 1710</i>	3	F., Sp., Su.
	CHEM 1430 or BIOL 1760	General Chemistry I Lab or Biology I Lab <i>Co/Pre-req for CHEM 1430: CHEM 1410</i> <i>Co/Pre-req for BIOL 1760: BIOL 1710</i>	1-2	F., Sp., Su.	TECM 2700	Technical Writing <i>Pre-req: Communication Core</i>	3	F., Sp., Su.
	CSCE 1030	Computer Science I <i>Pre-req: MATH 1650 or Co-req: MATH 1710</i>	4	F., Sp.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Comm. Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		15-16		Total Hours		15	

Year Two	CSCE 2100	Foundations of Computing <i>Pre-req: CSCE 1040</i>	3	F., Sp., Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	PHYS 1710	Mechanics <i>Pre-req: MATH 1710</i>	3	F., Sp., Su.	CSCE 3600	Systems Programming <i>Pre-req: CSCE 2100</i>	3	F., Sp.
	PHYS 1730	Mechanics Lab <i>Co/Pre-req: PHYS 1710</i>	1	F., Sp., Su.	Supporting Area	Frisco options are listed below. Options via mydegreeaudit.unt.edu or your advisor	3	F., Sp.
	CSCE 2110	Foundations of Data Structures <i>Pre-req: CSCE 1040</i>	3	F., Sp., Su.	CSCE 3055	IT Project Management <i>Pre-req: CSCE 2100</i>	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	Total Hours		15	
	Total Hours		16					

Year Three	CSCE 3605	Systems Administration <i>Pre-reqs: CSCE 3600</i>	3	F.	University Core	Options on mydegreeaudit.unt.edu	3	Sp.
	+CSCE 3615	Enterprise Systems Architecture <i>Pre-reqs: CSCE 2100</i>	3	F.	CSCE 3220	Human Computer Interfaces <i>Pre-req: CSCE 2100, 2110</i>	3	Sp.
	CSCE 4010	Social Issues <i>Pre-reqs: CSCE 3600</i>	3	F.	CSCE 3420	Internet Programming <i>Pre-req: CSCE 2100, 2110</i>	3	F., Sp.
	CSCE 4350	Database Systems <i>Pre-req: CSCE 2100, 2110</i>	3	F., Sp.	CSCE 3530	Introduction to Computer Networks <i>Pre-req: CSCE 3600</i>	3	Sp.
	Supporting Area	Frisco options are listed below. Options via mydegreeaudit.unt.edu or your advisor	3	F., Sp.	CSCE 4905	Capstone I <i>Pre-reqs: CSCE 3055, 3615</i>	3	F., Sp.
	Total Hours		15		Total Hours		15	

Year Four	CSCE 3550	Foundations of Computer Security <i>Pre-req: CSCE 2110</i>	3	F.	CSCE 4355	Database Administration <i>Pre-req: CSCE 4350</i>	3	Sp.
	Supporting Area	Frisco options are listed below. Options via mydegreeaudit.unt.edu or your advisor	3	F.	CSCE 4535	Network Administration <i>Pre-req: CSCE 3530</i>	3	F., Sp.
	Supporting Area	Frisco options are listed below. Options via mydegreeaudit.unt.edu or your advisor	3	F.	Supporting Area	Frisco options are listed below. Options via mydegreeaudit.unt.edu or your advisor	3	F., Sp.
	CSCE 4925	Capstone II <i>Pre-req: CSCE 4905</i>	3	F.	Supporting Area	Frisco options are listed below. Options via mydegreeaudit.unt.edu or your advisor	3	F., Sp.
	Supporting Area	Frisco options are listed below. Options via mydegreeaudit.unt.edu or your advisor	3	F., Sp.	Misc. Elective	MISC. Elective to reach 121 Hours (If needed)	3	F., Sp., Su.

	Total Hours		15		Total Hours		15	
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Course in **Bold** = Destination course required to transition to a full-major. Minimum grade of "C" and 2.0 UNT GPA required for completion. ENGL, TECM, MATH, CHEM, PHYS, BIOL, CSCE and Supporting Area courses require minimum grade of "C" for completion and/or prerequisite. Supporting Area courses can be chosen from EENG 2710, CSCE 2610, 4110, 4201, 4230, 4600, 3110, 4430, 4665 or any coherent set of technical courses from a community college Associate Degree plan. Other courses may be available at other UNT Campuses

**This is an unofficial sample schedule. Requirements, prerequisites, corequisites, and term offerings may change. You should check your degree audit at [mydegreeaudit.unt.edu](http://mydegreeaudit.unt.edu) each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.**