

# Computer Science

2020-2021 Catalog: Sample Four-Year Schedule

	Fall Semester	Course Title	Credit Hours	Term(s) Offered	Spring Semester	Course Title	Credit Hours	Term(s) Offered
Year One	<b>*MATH 1710</b>	<b>Calculus I</b> <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.	<b>*CSCE 1040</b>	<b>Computer Science II</b> <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.	<b>*TECM 2700</b>	<b>Technical Writing</b> <i>Pre-req: Communication Core</i>	3	F., Sp., Su.
	<b>*CSCE 1030</b>	<b>Computer Science I</b> <i>Co/Pre-req: MATH 1710</i>	4	F., Sp.	BIOL 1710	Biology I	3	F., Sp., Su.
	<b>*Comm. Core</b>	Options on Page 29 in Academic Guide or mydegreereadit.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.
	<b>*CSCE 2100</b>	Foundations of Computing <i>Pre-req: CSCE 1040</i>	3	F., Sp.	<b>*CSCE 2110</b>	Foundations of Data Structures <i>Pre-req: CSCE 1040</i>	3	F., Sp.
	+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.
	University Core	Options on Page 29 in Academic Guide or mydegreereadit.unt.edu	3	F., Sp., Su.	University Core	Options on Page 29 in Academic Guide or mydegreereadit.unt.edu	3	F., Sp., Su.
Total Hours		16		Total Hours		16		

Year Three	+CSCE 3110	Data Structures <i>Pre-req: CSCE 2100, 2110</i>	3	F., Sp., Su.	+CSCE 3444	Software Engineering <i>Pre-reqs: CSCE 3110</i>	3	F., Sp., Su.
	+CSCE 3600	Systems Programming <i>Pre-reqs: CSCE 2100</i>	3	F., Sp., Su.	+CSCE 4110	Analysis of Algorithms <i>Pre-reqs: CSCE 3110</i>	3	F., Sp., Su.
	CSCE Elective	Options at mydegreereadit.com Must complete pre-reqs	3	F., Sp., Su.	CSCE Elective	Options at mydegreereadit.com Must complete pre-reqs	3	F., Sp., Su.
	TECM 4***	Options at mydegreereadit.com Must complete pre-reqs	3	F., Sp.	CSCE Elective	Options at mydegreereadit.com Must complete pre-reqs	3	F., Sp.
	University Core	Options on Page 29 in Academic Guide or mydegreereadit.unt.edu	3	F., Sp., Su.	University Core	Options on Page 29 in Academic Guide or mydegreereadit.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.	+CSCE 4902	Capstone II <i>Pre-req: CSCE 4901</i>	3	F., Sp.
	+CSCE 4901	Capstone I <i>Pre-reqs: TECM 2700, CSCE 3444 Co/Pre-req: CSCE 4110</i>	3	F., Sp., Su.	CSCE Elective	Options at mydegreereadit.com Must complete pre-reqs	3	F., Sp.
	CSCE Elective	Options at mydegreereadit.com Must complete pre-reqs	3	F., Sp.	CSCE Elective	Options at mydegreereadit.com Must complete pre-reqs	3	F., Sp., Su.
	University Core	Options on Page 29 in Academic Guide or mydegreereadit.unt.edu	3	F., Sp.	University Core	Options on Page 29 in Academic Guide or mydegreereadit.unt.edu	3	F., Sp.
	University Core	Options on Page 29 in Academic Guide or mydegreereadit.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	

Courses in **Bold** = Destination courses required to transition to a full-major. Minimum grade of "C" and 2.5 GPA required for completion.  
 Courses with \* = Foundations courses required to progress to advanced level courses. Minimum grade of "C" required for completion.  
 Courses with + = Courses offered at Collin Higher Education Center (CHEC) in McKinney, TX during opposite term than Denton.  
 Courses with subject abbreviations of ENGL, TECM, MATH, CHEM, PHYS, BIOL, EENG, and CSCE require minimum grade of "C" for completion and/or prerequisite.

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