

Information Technology – Pre-Calculus

2023-2024 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	MATH 1650	Pre-Calculus <i>Pre-req: MATH 1100 or Test Placement</i>	5	F., Sp., Su.	MATH 1710	Calculus I <i>Pre-req: MATH 1650 or Test Placement</i>	4	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.	CSCE 1035	Computer Programming I <i>Pre-req: MATH 1650 or Co-req: MATH 1710</i>	4	F., Sp.
	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.
	Comm. Core	University Core – Communication	3	F., Sp.	University Core	University Core – American History II	3	F., Sp., Su.
	University Core	University Core – American History I	3	F., Sp., Su.	University Core	University Core – Federal Government	3	F., Sp., Su.
	Total Hours		15-16		Total Hours		17	

Year Two	MATH 1680	Elementary Probability and Statistics <i>Pre-req: TSI Math Complete</i>	3	F., Sp., Su.	CSCE 2100	Foundations of Computing <i>Pre-req: CSCE 1040 or CSCE 1045</i>	3	F., Sp., Su.
	CSCE 1045	Computer Programming II <i>Pre-req: CSCE 1035 Co/Pre-req: MATH 1710</i>	3	F., Sp.	CSCE 2110	Foundations of Data Structures <i>Pre-req: CSCE 1040 or CSCE 1045</i>	3	F., Sp., Su.
	PHYS 1710	Mechanics <i>Pre-req: MATH 1710</i>	3	F., Sp., Su.	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	F., Sp.
	PHYS 1730	Mechanics Lab <i>Co/Pre-req: PHYS 1710</i>	1	F., Sp.	University Core	University Core – Language, Philosophy and Culture	3	F., Sp., Su.
	University Core	University Core – State Government	3	F., Sp., Su.	University Core	University Core – Social and Behavioral Sciences	3	F., Sp., Su.
	University Core	University Core – Creative Arts	3	F., Sp., Su.	Total Hours		15	
	Total Hours		16					

Year Three	CSCE 3055	IT Project Management <i>Pre-req: CSCE 2100</i>	3	F.	CSCE 3530	Introduction to Computer Networks <i>Pre-req: CSCE 3600</i>	3	F., Sp.
	CSCE 3220	Human Computer Interfaces <i>Pre-req: CSCE 2100, 2110</i>	3	F.	CSCE 3605	Systems Administration <i>Pre-req: CSCE 3600</i>	3	Sp.
	CSCE 3420	Internet Programming <i>Pre-req: CSCE 2100, 2110</i>	3	F.	CSCE 3615	Enterprise Systems Architecture <i>Pre-req: CSCE 2100</i>	3	Sp.
	CSCE 3600	Systems Programming <i>Pre-req: CSCE 2110</i>	3	F., Sp.	CSCE 4350	Database Systems <i>Pre-req: CSCE 2100, 2110</i>	3	F., Sp.
	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	F., Sp.	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	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 4010	Social Issues <i>Pre-req: CSCE 3600</i>	3	F., Sp.
	CSCE 4355	Database Administration <i>Pre-req: CSCE 4350</i>	3	F.	CSCE 4925	Capstone II <i>Pre-req: CSCE 4905</i>	3	Sp.
	CSCE 4535	Network Administration <i>Pre-req: CSCE 3530</i>	3	F.	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	F., Sp.
	CSCE 4905	Capstone I <i>Pre-reqs: CSCE 3055, 3615</i>	3	F.	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	F., Sp.
	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	F., Sp.	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	F., Sp.
	Total Hours		15		Total Hours		15	

Courses in **GREEN** are taken at UNT and require a particular prerequisite order.

Courses in **BLACK** can be fulfilled by AP, IB, CLEP, and/or Texas Community College Dual Credit or Transfer Credit and require a particular prerequisite order.

Courses in **BLUE** can be fulfilled by AP, IB, CLEP, and/or Texas Community College Dual Credit or Transfer Credit and can be completed in any term prior to graduation.

ENGL, TECM, MATH, CHEM, BIOL, PHYS, CSCE, and Supporting Area courses require minimum grade of "C" for completion and/or prerequisite.

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

Advanced Placement (AP), International Baccalaureate (IB), Credit by Exam (CLEP), Texas Community College Dual Credit, Texas Community College Transfer Credit

COMMUNICATION

AP English Lang. And Comp. Score of 3
IB English A: Lang. and Lit. Score of 5
Community College: ENGL 1301

TECHNICAL WRITING

Community College ENGL 231 1: TECM 2700

AMERICAN HISTORY I

AP U.S. History score of 3
CLEP History of United States I
Community College: HIST 1301

AMERICAN HISTORY II

AP U.S. History score of 3
CLEP History of United States II
Community College: HIST 1302

FEDERAL GOVT/POLI SCIENCE

AP U.S. Government score of 3
CLEP American Government
Community College: GOVT 2305

STATE GOVT/POLI SCIENCE

Community College: GOVT 2306

CREATIVE ARTS

AP Art History score of 3
IB Dance score of 4*
Community College: ARTS 1301
Community College: ARTS 1304
Community College: MUSI 1306
Community College: DRAM 1310

LANGUAGE, PHILOSOPHY, AND CULTURE

AP English Literature and Comp. score of 3
AP World History score of 3
IB History score of 4*
IB Philosophy score of 5
IB English Language A: Lit. Score of 5
Community College: ENGL 2332
Community College: ENGL 2333
Community College: ENGL 2341
Community College: HIST 2321
Community College: HIST 2322
Community College: PHIL 1301
Community College: PHIL 1304
Community College: PHIL 2303
Community College: PHIL 2306

SOCIAL AND BEHAVIORAL SCIENCES

AP Macroeconomics score of 3
AP Microeconomics score of 3
AP Psychology score of 3
IB Economics score of 4*
IB Geography score of 4*
IB Psychology score of 4*
CLEP Macroeconomics
CLEP Microeconomics
CLEP Human Growth and Development
CLEP Introductory Psychology
CLEP Introductory Sociology
Community College: ANTH 2346
Community College: ANTH 2351

SOCIAL AND BEHAVIORAL SCIENCES (Continued)

Community College: SPCH 1318
Community College: ECON 2301
Community College: ECON 2302
Community College: GEOG 1303
Community College: TECA 1354
Community College: COMM 1307
Community College: PSYC 2301
Community College: PSYC 2302
Community College: SOCI 1301

BIOLOGY

AP Biology score of 4, 5: BIOL 1710, 1720, 1760
IB Biology: BIOL 1710, 1720, 1760
CLEP Biology: BIOL 1710, 1720
Community College BIOL 1306: BIOL 1710
Community College BIOL 1307, BIOL 1720
Community College BIOL 1406: BIOL 1710, 1760

CHEMISTRY

AP Chemistry score of 4: CHEM 1410, 1430
AP Chemistry score of 5: CHEM 1410, 1430, and 1420, 1440
IB Chemistry: CHEM 1410, 1430, and 1420, 1440
CLEP General Chemistry: CHEM 1410, 1420
Community College CHEM 1111: CHEM 1430
Community College CHEM 1311: CHEM 1410
Community College CHEM 1411: CHEM 1410, 1430

PHYSICS

AP Physics C (Mechanics) score of 4: PHYS 1710, 1730
Community College PHYS 2125: PHYS 1730
Community College PHYS 2325: PHYS 1710
Community College PHYS 2425: PHYS 1710, 1730

MATHEMATICS

AP Statistics score of 3: MATH 1680
AP Calculus AB score of 3: MATH 1710
AP Calculus BC score of 3: MATH 1710, 1720
AP Calculus AB sub score of BC Exam score 3: MATH 1710
IB Mathematics – Calculus: MATH 1710
CLEP College Algebra: MATH 1100
CLEP Pre-calculus: MATH 1650
CLEP Calculus: MATH 1710
Community College MATH 1314: MATH 1100
Community College MATH 1342: MATH 1680
Community College MATH 1414: MATH 1100
Community College MATH 1442: MATH 1680
Community College MATH 2312: MATH 1650
Community College MATH 2412: MATH 1650
Community College MATH 2313: MATH 1710
Community College MATH 2342: MATH 1680
Community College MATH 2413: MATH 1710
Community College MATH 2442: MATH 1680

COMPUTING/PROGRAMMING

AP Computer Science A score of 4: CSCE 1030
IB Computer Science: CSCE 1030
Community College COSC 1336: CSCE 1030
Community College COSC 1337: CSCE 1040
Community College COSC 1436: CSCE 1030
Community College COSC 1437: CSCE 1040
Community College COSC 2326: CSCE 2110
Community College COSC 2426: CSCE 2110
Community College MATH 2305: Substitutes for CSCE 2100

Credit for both CSCE 1030 and 1040 can substitute for CSCE 1035 and 1045

*Completion of IB program, earned IB Diploma, & minimum score of 4 or completion of IB program without the earned diploma & minimum score of 5, 6, or 7
Other community college or university courses may fulfill requirements. Please confirm with your advisor.