# Information Technology – Pre-Calculus

## 2023-2024 Catalog: Sample Four-Year Schedule

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Term(s) Offered</th>
<th>Spring Semester</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Term(s) Offered</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Pre-req: MATH 1100 or Test Placement</td>
<td></td>
<td></td>
<td></td>
<td>Pre-req: MATH 1650 or Test Placement</td>
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<tr>
<td>CHEM 1410 or BIOL 1710</td>
<td>General Chemistry I or Biology I Pre-req for CHEM 1410: MATH 1100 or higher Pre-req for BIOL 1710: none</td>
<td>3</td>
<td>F., Sp., Su.</td>
<td>CSCE 1035</td>
<td>Computer Programming I Pre-req: MATH 1650 or Co-req: MATH 1710</td>
<td>4</td>
<td>F., Sp.</td>
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<tr>
<td>CHEM 1430 or BIOL 1760</td>
<td>General Chemistry I Lab or Biology I Lab Co/Pre-req for CHEM 1430: CHEM 1410 Co/Pre-req for BIOL 1760: BIOL 1710</td>
<td>1-2</td>
<td>F., Sp., Su.</td>
<td>TECM 2700</td>
<td>Technical Writing Pre-req: Communication Core</td>
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<td>F., Sp., Su.</td>
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<td>Total Hours</td>
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<th>Year Two</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Term(s) Offered</th>
<th>Spring Semester</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Term(s) Offered</th>
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<tbody>
<tr>
<td>CSCE 1045</td>
<td>Computer Programming II Pre-req: CSCE 1035 Co/Pre-req: MATH 1710</td>
<td>3</td>
<td>F., Sp., Su.</td>
<td>CSCE 2110</td>
<td>Foundations of Data Structures Pre-req: CSCE 1040 or CSCE 1045</td>
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<td>PHYS 1710</td>
<td>Mechanics Pre-req: MATH 1710</td>
<td>3</td>
<td>F., Sp., Su.</td>
<td>Supporting Area</td>
<td>Options via mydegreeaudit.unt.edu or your advisor</td>
<td>3</td>
<td>F., Sp.</td>
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<tr>
<td>University Core</td>
<td>University Core – Creative Arts</td>
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<td>Total Hours</td>
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<td>Total Hours</td>
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<table>
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<tr>
<th>Year Three</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Term(s) Offered</th>
<th>Spring Semester</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Term(s) Offered</th>
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<tbody>
<tr>
<td>CSCE 3055</td>
<td>IT Project Management Pre-req: CSCE 2100</td>
<td>3</td>
<td>F.</td>
<td>CSCE 3530</td>
<td>Introduction to Computer Networks Pre-req: CSCE 3600</td>
<td>3</td>
<td>F., Sp.</td>
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<tr>
<td>CSCE 3220</td>
<td>Human Computer Interfaces Pre-req: CSCE 2100, 2110</td>
<td>3</td>
<td>F.</td>
<td>CSCE 3605</td>
<td>Systems Administration Pre-req: CSCE 3600</td>
<td>3</td>
<td>Sp.</td>
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<tr>
<td>Supporting Area</td>
<td>Options via mydegreeaudit.unt.edu or your advisor</td>
<td>3</td>
<td>F., Sp.</td>
<td>Supporting Area</td>
<td>Options via mydegreeaudit.unt.edu or your advisor</td>
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<td>F., Sp.</td>
</tr>
<tr>
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<td>Total Hours</td>
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<tr>
<th>Year Four</th>
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<th>Term(s) Offered</th>
<th>Spring Semester</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Term(s) Offered</th>
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<tr>
<td>CSCE 4355</td>
<td>Database Administration Pre-req: CSCE 4350</td>
<td>3</td>
<td>F.</td>
<td>CSCE 4925</td>
<td>Capstone II Pre-req: CSCE 4905</td>
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<td>Sp.</td>
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<td>CSCE 4535</td>
<td>Network Administration Pre-req: CSCE 3530</td>
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<td>F.</td>
<td>Supporting Area</td>
<td>Options via mydegreeaudit.unt.edu or your advisor</td>
<td>3</td>
<td>F., Sp.</td>
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<tr>
<td>CSCE 4905</td>
<td>Capstone I Pre-req: CSCE 3055, 3615</td>
<td>3</td>
<td>F., Sp.</td>
<td>Supporting Area</td>
<td>Options via mydegreeaudit.unt.edu or your advisor</td>
<td>3</td>
<td>F., Sp.</td>
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<tr>
<td>Supporting Area</td>
<td>Options via mydegreeaudit.unt.edu or your advisor</td>
<td>3</td>
<td>F., Sp.</td>
<td>Supporting Area</td>
<td>Options via mydegreeaudit.unt.edu or your advisor</td>
<td>3</td>
<td>F., Sp.</td>
</tr>
<tr>
<td>Total Hours</td>
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<td>15</td>
<td></td>
<td>Total Hours</td>
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<td>15</td>
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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.
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 2311: 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
- AP Economics score of 4*
- AP Geography score of 4*
- IB Economics 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
- 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.