

INFORMATION TECHNOLOGY (Bachelor of Arts)

Use the checksheet as a guide for selecting classes and refer to your Degree Audit to review and monitor degree and graduation requirements.

NAME: _____

UNT ID Number: _____

Core Curriculum – 42 Hours

| Core Requirements | Course Recommended | Hours | Grade | Term |
|---|---|-------|-------|------|
| Communication 1 <i>*Grade of C or better required</i> | ENGL 1313D – College Writing I | 3 | | |
| Communication 2 <i>*Grade of C or better required</i> | TECM 2700D – College Writing II | 3 | | |
| Mathematics | Math Sequence: MATH 1680D, MATH 1100D, MATH 1600D, MATH 1710D | 3 | | |
| Life & Physical Sciences 1 | CHEM 1410D/1430D – General Chemistry & Lab I | 3/1 | | |
| Life & Physical Sciences 2 | PHYS 1710D /1730D – Mechanics & Lab <i>*Prerequisite MATH 1710D</i> | 3/1 | | |
| Language, Philosophy, & Culture | ENGL 2220D – World Literature I or LING 2050 – Language of Now | 3 | | |
| Creative Arts | ART 1300D – Art Appreciation | 3 | | |
| American History 1 | HIST 2610D – US History to 1865 | 3 | | |
| American History 2 | HIST 2620D – US History 1865 to Present | 3 | | |
| Government & Political Science 1 | PSCI 1040D – American Government: Laws and Institutions | 3 | | |
| Government & Political Science 2 | PSCI 1050D – American Government: Process and Policies | 3 | | |
| Social & Behavioral Science | Choose from: SOCI 1510D, PSYC 1630D, DFST 1013D, ECON 1100D or AGER 2250D | 3 | | |
| Component Area 1 | Choose from: SOCI 2070D, CJUS 2600D, COMM 1010D, or DFST 2033 | 3 | | |
| Component Area 2 | CSCE 4905D – Capstone | 3 | | |

Foundation Requirements – 10 Hours

****C" or better required for all courses below this line**

| Course | Hours | Grade | Term |
|--|-------|-------|------|
| TECM 2700D – Technical Writing <i>*Prerequisite ENGL 1313D</i> | 3 | | |
| MATH 1710D – Calculus I <i>*Prerequisite MATH 1600D</i> | 4 | | |
| MATH 1680D – Elementary Probability and Statistics | 3 | | |

Science Requirements – 8 hours

***May be fulfilled in Core**

| Course | Hours | Grade | Term |
|---|-------|-------|------|
| CHEM 1410D/CHEM 1430D – General Chemistry I | 3/1 | | |
| PHSY 1710D/PHSY 1730D – Mechanics <i>*Prerequisite MATH 1710D</i> | 3/1 | | |

Major Requirements

***Must maintain a GPA of 2.75 or better in all IT coursework numbered above 3000**

| Course | Hours | Grade | Term |
|---|-------|-------|------|
| CSCE 1030D – Computer Science I <i>*Prerequisite MATH 1600D – may be concurrent with MATH 1710D</i> | 4 | | |
| CSCE 1040D – Computer Science II <i>*Prerequisite CSCE 1030D</i> | 3 | | |
| CSCE 2100D – Foundations in Computer Science I <i>*Prerequisite CSCE 1040D</i> | 3 | | |
| CSCE 2110D – Foundations in Computer Science II <i>*Prerequisite CSCE 2100D</i> | 3 | | |
| CSCE 3220D – Human Computer Interfaces <i>*Prerequisite CSCE 2110D</i> | 3 | | |
| CSCE 3420D – Internet Programming <i>*Prerequisite CSCE 2110D</i> | 3 | | |
| CSCE 3055D – IT Project Management <i>*Prerequisite CSCE 2100D</i> | 3 | | |
| CSCE 3530D – Intro to Computer Networks <i>*Prerequisite CSCE 3600D</i> | 3 | | |
| CSCE 3600D – Systems Programming <i>*Prerequisite CSCE 2100D</i> | 3 | | |
| CSCE 4010D – Engineering Ethics <i>*Prerequisite Junior standing</i> | 3 | | |
| CSCE 4350D – Intro to Database Systems Design <i>*Prerequisite CSCE 2110D</i> | 3 | | |
| CSCE 4444D – Software Engineering <i>*Prerequisite CSCE 2110D</i> | 3 | | |
| CSCE 4550D – Intro to Computer Security <i>*Prerequisite CSCE 3600D</i> | 3 | | |
| CSCE 4905D – Capstone I <i>*Prerequisite CSCE 3055D</i> | 3 | | |
| CSCE 4925D – Capstone II <i>*Prerequisite CSCE 4905D</i> | 3 | | |

Concentration & Supporting Requirements – You must select from **MATHEMATICS Track** or **BUSINESS Track** – 27 Hours

| MATHEMATICS Track Courses | | BUSINESS Track Courses | | Hours | Grade | Term |
|---|--|---|--|-------|-------|------|
| CSCE 2610D – Computer Organization <i>*Prerequisite CSCE 2100D</i> | | CSCE 3520D – Data Communications <i>*Prerequisite CSCE 3600D</i> | | 3 | | |
| CSCE 3110D – Data Structures & Algorithms <i>*Prerequisite CSCE 2110D</i> | | CSCE 4310D – Intro to Artificial Intelligence <i>*Prerequisite see advisor</i> | | 3 | | |
| CSCE 4110D – Algorithms <i>*Prerequisite CSCE 3110D</i> | | CSCE 4560D – Secure Electronic Commerce <i>*Prerequisite CSCE 2110D</i> | | 3 | | |
| MATH 1720D – Calculus II <i>*Prerequisite MATH 1710D</i> | | CSCE 3110D – Data Structures & Algorithms <i>*Prerequisite CSCE 3110D</i> | | 3 | | |
| MATH 2700D – Linear Algebra <i>*Prerequisite MATH 1710D</i> | | ACCT 2010D – Acct Principles I <i>*Prerequisite ECON 1100D & MATH 1100D</i> | | 3 | | |
| MATH 3000D – Real Analysis I <i>*Prerequisite MATH 1720D</i> | | ACCT 2020D – Acct Principles II <i>*Prerequisite ACCT 2010D</i> | | 3 | | |
| MATH 3350D – Intro to Numerical Analysis <i>*Prerequisite MATH 2700D</i> | | FINA 3770D – Finance <i>*Prerequisite ACCT 2010D & ACCT 2020D</i> | | 3 | | |
| MATH 3410D – Differential Equations I <i>*Prerequisite MATH 1720D & 2700D</i> | | MGMT 3720D – Organizational Behavior | | 3 | | |
| MATH 3510D – Intro to Abstract Algebra <i>*Prerequisite MATH 3000D</i> | | MKTG 3650D – Foundations in Marketing <i>*Prerequisite Junior Standing</i> | | 3 | | |

UNT Dallas Degree Requirements:

| Requirement | Complete |
|---|----------|
| 121 hours (minimum) required for degree completion | |
| Residency Requirement – At least 30 hours must be completed at UNT Dallas | |
| 42 Advanced Hours (3XXX or 4XXX) – 24 advanced hours must be completed at UNT Dallas | |
| UNT GPA 2.0 or higher required | |
| Cumulative GPA 2.0 or higher required, with "C" or better required in all non-core courses. | |
| Advanced CSCE Course (Above 3000) GPA 2.75 or higher required | |