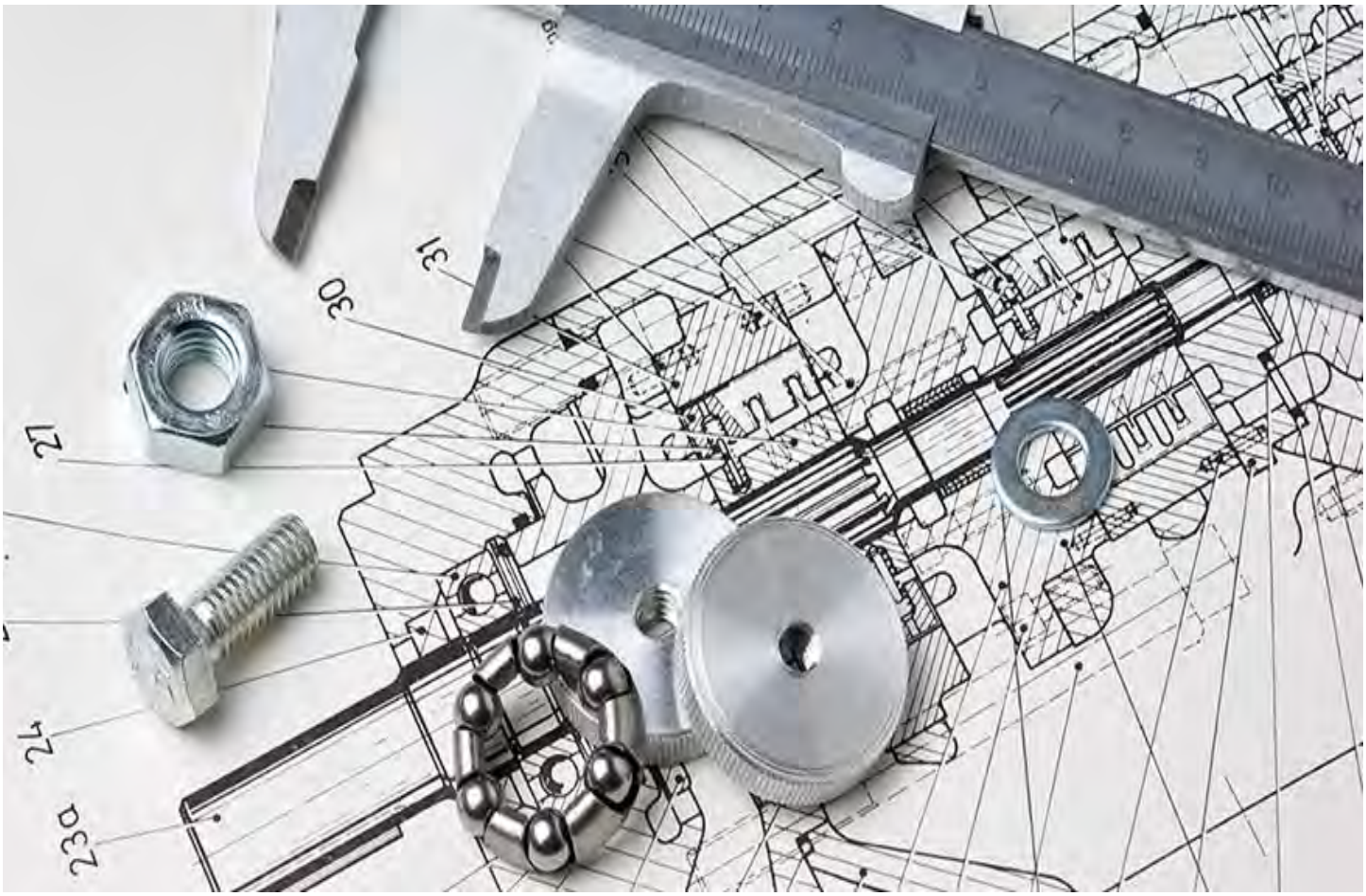
Undergraduate Academic Guidebook

2025-2026



#UNTengineering

Content is subject to change. Last updated on May 15,2025.

Advising

Academic Advisors:

Academic advisors counsel you on academic goals and requirements to earn your degree. You should meet with your advisor each semester. Advising appointments are offered in-person and online (via zoom). Contact information is:

- Location: Discovery Park E 201
- Phone number: 940-565-4201
- E-mail: engineering.advisor@unt.edu
- Appointment Scheduling: navigate.unt.edu
    - Allow 3 weeks for an available opening
    - Note that you will lose your appointment if you are late

Engineering Faculty Advisors:

Located in each department at Discovery Park, faculty advisors can help you with choosing the proper electives, specialization, track, or supporting area courses to prepare you to enter industry after graduation.

Career Advisors:

Career advisors help you with career planning/selection, resume writing, interviewing skills, internships, and full-time employment. You can schedule an appointment via navigate.unt.edu.

International Advisors:

International advisors help you if you are an international student to discuss policies, restrictions, and responsibilities based on your VISA type and/or sponsored scholarship type.

Texas Success Initiative (TSI)

TSI is a state law that requires proof of readiness to take math and English courses. If you are TSI incomplete, you must prove readiness via an exemption or via TSI testing. Please visit vpaa.unt.edu/aservices/tsi/index or email TSI@unt.edu for more information.

Prerequisite Sequence for TSI Entry Math Courses:

- MATH 340 or MATH 350 → MATH 1100 & UGMT 1300 → MATH 1650 (or 1190 for CONM) → MATH 1710

Courses must be completed with a minimum grade of "C" to meet prerequisite.

Mathematics Readiness

Estimated graduation is determined by math enrollment in your 1st semester. Enrollment in math courses is dependent on TSI completion and either (1) pre-placement level, or (2) ALEKS PPL placement test score, or (3) earned credit for college level math prerequisite courses. Refer to page 59 for college level AP, IB, CLEP, DC, and/or transfer courses.

Prerequisite Sequence for Beginning Math Courses:

- MATH 1100 → MATH 1650 → MATH 1710
- MATH 1100 or MATH 1180 → MATH 1190 (for CONM)

Courses must be completed with a minimum grade of "C" to meet prerequisite.

Pre-Placement for First Time in College/Freshmen:

TSI math complete students (without earned college level math credit) are assigned a Math Group Level based on SAT/ACT and high school rank:

- Math Level 1 or Blank Math Level: MATH 1100
- Math Level 2: MATH 1650 or MATH 1190 (for CONM)

ALEKS PPL Placement Test Option For TSI Complete Student:

- Online test which can be taken a maximum of 2 times
- Must score a minimum of 60 to enter MATH 1650 (Pre-Calculus) or MATH 1190 (Business Calculus for CONM)
- Must score a minimum of 75 to place into MATH 1710 (Calculus I)

Scan the QR code or visit
https://math.unt.edu/undergraduate/placement_test.html
for more information on ALEKS PPL testing.

Course Types

UNT offers many course types and formats. Below are common ones.

Prerequisite or "Prereq"

- Course that must be completed to move onto another course in a sequence.
- Prereqs are never waived or ignored.

Corequisite or "Coreq"

- Course that must be taken in the same semester as another course.
- Coreqs are never waived or ignored.

Recitation or "Rec"

- Extra required meeting time to cover homework, take tests, answer questions, etc.

Laboratory or "Lab"

- Required time that is an application of the information that you learn in class.

Advanced Course

- High level courses as indicated by a 3*** or 4*** numbering.
- Normally requires completion of multiple prereqs and/or coreqs before you can take the course.

Restricted

- Course, or a section time of a course, limited to certain student groups/populations. Examples include:
  - TAMS students only
  - Honors College only
  - Coursera online majors
  - Dual Credit (high school/secondary school) students

Course Locations

UNT offers courses via various locations in addition to the main campus in Denton. Below are common locations.

UNT Internet Course

- Instruction, assignments, and work is all online.

Discovery Park (NTDP)

- Campus located in north Denton, TX.
- Majority of all engineering courses are taught at this campus.

Frisco Landing (FRLD)

- Campus located in Frisco, TX.
- Limited core, math, science, writing, and computing courses are available at this campus.

Inspire Park (FRIP)

- Campus located in Frisco, TX.
- Limited science labs are available at this campus.

Information on free bus transportation routes/times in Denton and available student parking passes/locations can be found at unt.edu/transit. Please note that there is no bus transportation available to the Frisco campuses.

Course Semester Offerings

UNT has 3 semesters – fall, spring, and summer. There are numerous sessions within each semester. Please note that not all courses are offered every semester or every session. Also, please note that registration dates, payment dates, financial aid/scholarship disbursement, and drop/withdraw dates vary for each session.

Fall Semester - Sessions offered:

- Regular Session: August – December
- 8 Week I Session: August – October
- 8 Week 2 Session: October – December

Spring Semester - Sessions offered:

- 3 Week (Winter) Session: December – January
- Regular Session: January – May
- 8 Week I Session: January – March
- 8 Week 2 Session: March – May

Summer Semester - Sessions offered:

- 3 Week Session: May
- 5 Week 1 Session: May – June
- 10 Week Session: May – July
- 8 Week Session: June – July
- 5 Week 2 Session: June – July

Credit Hours

Number of units assigned to each course. Also referred to as "credits" or "hours". It indicates approximately how many hours per week you'll be in class and will need to study for that course. It's also used in the calculation of your GPA.

How many hours do I earn for each course?

Depends on the course. Usually 3 – 4 hours but courses can range from 1 – 5 hours.

How many credits is full-time?

12 hours (approximately 4 courses).

How many hours can I take each semester?

19 hours in the fall/spring and 18 hours in the summer with the following restrictions per session: 4 hours in 3 week sessions, 8 hours in 5 week I session, 7 hours in 5 week 2 session, 9 hours in 8 week sessions, and 12 hours in 10 week session. This applies to credits enrolled at UNT and another institution (concurrent enrollment). You may receive overload approval to take more hours if you meet certain GPA criteria.

Do I have to be a full-time student?

No, not unless you are an international student, athlete, scholarship recipient or receiving financial aid. To attempt a timely graduation, you should plan to take 15-16 hours each semester unless you work or have responsibilities outside of school. Please consult with your advisor to determine the proper balance of work/life and school.

Classification

Your classification is based on the number of earned credit hours after semester grade posting; not the number of years you have been in school. Classification dictates your registration appointment time each semester and may impact your eligibility for scholarships, financial aid, internships, etc.

- Freshman: 0 – 29 hours
- Sophomore: 30 – 59 hours
- Junior: 60 – 89 hours
- Senior: 90+ hours

Grade Point Average (GPA)

Grades have a point value and courses are worth an amount of credit hours. GPA is calculated by dividing grade points earned by the number of attempted hours. Grades of "CR" (AP, CLEP, IB credits) and "W" don't count as attempted hours in GPA calculations. Grades of "F" are attempted hours and count heavily against your GPA.

How do grades convert to grade points?

- A = 4 points x # of credit hours course is worth
- B = 3 points x # of credit hours course is worth
- C = 2 points x # of credit hours course is worth
- D = 1 points x # of credit hours course is worth
- F = 0 points x # of credit hours course is worth

How to calculate your GPA:

- Determine grade points for each course using the conversion above.
- Total your number of grade points and your number of attempted hours.
- Divide total grade points by total attempted hours.
- Number that results = your GPA.

Different types of GPAs:

- Semester or Term GPA: the GPA you earned for the semester/term.
- UNT GPA or Cumulative GPA: the GPA you earn in all UNT courses. A minimum 2.0 GPA is required.
- Overall GPA or Total GPA: the GPA you earn in all courses (UNT and transfer). A minimum 2.0 GPA is required.
- Major GPA: the GPA you earn in courses in your major. A minimum 2.0 GPA is required.

You can access a GPA calculator at advising.unt.edu/about-your-gpa/calculate-your-gpa

Grade Point Average (GPA): Academic Status

Your cumulative UNT GPA is used to calculate academic status. Grades earned in transfer are considered in calculation of Graduation with Honors and fulfillment of degree requirements but are not considered with determination of academic status.

Academic Good Standing:

Standing if you earn at least a cumulative 2.0 UNT GPA. A 1.8 UNT GPA is acceptable during your 1st semester at UNT but it must be increased to at least a 2.0 after your 1st semester.

Academic Alert:

Standing if you are a freshman and your UNT GPA falls below 1.8 during the 1st semester or falls below 2.0 during the 2nd semester. You can only be placed on alert once. You will be required to participate in academic coaching sessions via the Learning Center during your alert semester. You must raise your UNT GPA to 2.0 or higher during your alert semester or you will be placed on probation.

Academic Probation:

Standing if you are not eligible for alert and your UNT GPA falls below 1.8 during the 1st semester or falls below 2.0 during any following semester. You must raise your UNT GPA to 2.0 to return to good standing or earn a semester GPA of at least 2.25 to remain on probation. You will be required to participate in academic coaching session via the Learning Center during your probation semester.

Academic Suspension:

Standing if you fail to raise your UNT GPA to a 2.0 or earn a 2.25 semester GPA while on probation. You are prohibited from attending UNT for 1 long semester for a 1st suspension or 2 long semesters for a 2nd suspension. You must petition for approval to re-enter the College of Engineering after completing the suspension period. You will be dismissed permanently from the College of Engineering if you are suspended a 3rd time.

Grade Point Average (GPA): Honors

Semester Honors:

Semester honors is based on your fall or spring semester GPA and is documented on your UNT transcript. You must complete at least 12 hours to be recognized for honors. Summer GPA is not recognized for honors. Candidates for a 2nd bachelor's degree are not eligible for semester honors.

- President's List: 4.000
- Dean's List: 3.500-3.999

Graduation with Honors:

Graduation with honors is based on your overall (UNT and transfer) GPA and is documented on your UNT transcript. Candidates for a 2nd bachelor's degree are not eligible for graduation honors.

- Cum laude: 3.500 – 3.699
- Magna cum laude: 3.700 – 3.899
- Summa cum laude: 3.900 – 4.000

Cancelling, Dropping or Withdrawing

Cancelling:

This refers to removing yourself from one, some, or all your courses before the semester has started. You can do this via MyUNT. Refer to registrar.unt.edu for information and deadlines.

Dropping:

This refers to removing yourself from one or some courses (but remaining in at least one course) after the semester has started. You can do this via MyUNT. Refer to registrar.unt.edu for information and deadlines. Only 6 drops are allowed during your academic career. Once the 6 drop limit is reached, no additional drops are approved.

Withdrawing:

This refers to removing all your courses after the semester has started. You are not allowed to withdraw via MyUNT. You may withdraw via the procedures and deadlines listed online. Refer to registrar.unt.edu.

Dropping or withdrawing may affect your financial aid and/or excessive hours.

Retaking Courses: Course Duplications

If your transcript(s) contains the same course with an earned grade more than once, the 1st grade will be treated as a duplication and will be deleted from your GPA. Any additional grades will be calculated into your GPA. This includes transfer courses/grades. Course duplication will impact your GPA, academic status and excessive hours.

Engineering major required courses must be completed with a grade of "C" or better. Only the last grade will be used in fulfilling prerequisite, corequisite, full-major eligibility, and graduation eligibility. Contact your advisor to confirm how you will be affected if you take a course more than once.

Incomplete Grade

An Incomplete ("I") grade is a pending grade. It is your professor's decision to grant an "I" if you meet all these conditions below:

- The final drop/withdraw deadline for the semester has passed.
- You experience an emergency that prohibits you from completing remaining work.
- You have been earning a passing grade to the point of the emergency.
- You can complete and submit outstanding work within 12 months after the grade of "I" is granted.

An "I" grade does not impact your GPA, but it will automatically convert to a "F" grade if you do not complete it.

Pass/No Pass Grading Option

You may elect to take a course under the Pass/No Pass grading option if it is not a prerequisite, corequisite, University Core requirement, or Major Requirement on your degree audit. Certain criteria must be met and you must obtain approval from your advisor after you have enrolled in the course. A "P" or "NP" will be recorded on your record and is not calculated in your GPA.

Taking Courses at another Institution: Concurrent Enrollment

Courses taken outside of UNT will not be applied to your degree audit unless you meet all the following criteria:

- The course you plan to take has been pre-approved by your advisor.
- You do not violate the maximum semester credit hour limit or residency requirements at UNT.
- You are not attempting to graduate the same semester in which you are concurrently enrolled.
- You submit the official transcript for the course to the Registrar's Office within one month of completion.

Your department reserves the right to reject online courses and/or courses at certain institutions.

Concurrent enrollment in your last semester will delay graduation. You will not graduate or earn your degree until the following semester.

Payment and Tuition

You must arrange payment prior to the payment deadline listed in MyUNT or online. Failure to pay by the deadline listed may result in the cancellation of your entire schedule. You have numerous options available to pay. Refer to registration.unt.edu/cost-funding for information. If you have been awarded financial aid, refer to financialaid.unt.edu for information.

Repeated Course Tuition Increase:

If you pay under the Texas resident tuition rate and you attempt courses more than twice, you are subject to pay an additional tuition rate per semester credit hour for the repeated course. Refer to information at sfs.unt.edu.

Excessive Hours Tuition:

If you pay under the Texas resident tuition rate, you may be subject to a higher tuition rate once you exceed more than 30 credit hours above the number of hours required for your degree plan. Additional hours are considered excessive and will result in additional tuition charges. Refer to information at sfs.unt.edu.

Maximum Hours - Financial Aid:

If you receive financial aid and maintain Satisfactory Academic Progress (SAP) and Pace of Progression (POP), your aid eligibility continues until you attempt 150% of the minimum credit hours required for your degree plan. For most students, once they attempt approximately 180 credit hours, their aid is discontinued.

Registration

You will use MyUNT to register for courses each semester/term. Information on registration enrollment periods, payment deadlines, etc. can be located at registration.unt.edu.

Holds:

Holds are items that prevent you from registering until they are removed. Holds are listed on your "Tasks" tile in MyUNT. There are many types of holds. Two common holds are below.

UNT Registration Guide Hold

- Hold that you remove yourself. You will see this hold each term/semester until you graduate.

Advising Required Hold

- Hold that is removed after you have been advised. You will see this hold if you are a new student or if you are on Academic Alert, Academic Probation or returning from Academic Suspension.

Waitlist:

If a course is full, add yourself to the waitlist. Seats are allotted in position order. If seats open, you may move into a higher position and/or be enrolled into the course. The waitlist does not guarantee a seat in the course. Some tips regarding waitlist include:

- You can waitlist for a maximum of 3 courses per semester/term.
- The waitlist ends once registration closes for the semester/term.
- The waitlist cannot enroll you if you are already enrolled in another section of the same course.
- The waitlist cannot enroll you if you are enrolled in courses that time conflict with the waitlisted course.

Visual Schedule Builder:

This tool in MyUNT will allow you to graphically view schedule options based on the course time offerings that works best for you. Be certain to pay attention to notes about full (closed/waitlisted) courses, restricted course sections, and course locations to allow commute time between main campus, Discovery Park, and/or Frisco campuses.

Permission Code:

A permission code is required to enroll in certain courses or course sections. Courses that are taken by engineering students usually never require a permission code.

Error Messages:

If you receive an error message when attempting to enroll or waitlist into a course, please read the message to learn why you received it. Common errors refer to prerequisite, corequisite, and restricted sections.

Overrides:

If you receive an error message by mistake (i.e. your transfer prerequisite or corequisite is not recognized by MyUNT), please contact the department that teaches the course to help with enrolling you into the course.

Scan the QR code or visit
engineering.unt.edu/support/undergraduate-advising
for department contact information and the process to request an override.

Canvas

Canvas is the teaching tool that instructors use to post course syllabi, announcements, deadlines, assignments, grades, etc. You can also communicate with your instructors and classmates via Canvas. After registration, your enrolled courses will be added to Canvas.

Degree Audit (Plan)

The degree audit is the tool that lists all requirements you must finish to earn your degree. It documents your completed and remaining requirements each semester/term. It is used to verify that you are on track for graduation. You can view your degree audit at mydegreeaudit.unt.edu. Please contact your advisor for any questions or concerns.

Transcript

Your transcript contains your courses, grades, GPA, academic standing, and your major. If you added a minor and/or a certificate, those are also included. You can see an unofficial view of your transcript in the "My Academics" tile in MyUNT. You can request your official transcript through that same tile. You should check your transcript each semester.

Graduation

Graduation may be achieved in 4 years depending on your math readiness, enrollment in the correct major courses that follow the correct requisite sequence and semester/term offering, your grades, and the number of courses/credits you complete each semester. Please note that graduation often occurs within 5-6 years for most students.

You should meet with your advisor for a graduation check the semester before you plan to graduate. You must apply for graduation before the beginning of your final semester via the "My Academics" tile in MyUNT. Refer to registrar.unt.edu for more information and the application deadline. Failure to apply by the deadline will result in your failure to graduate or earn your degree even if you complete all degree audit requirements.

If you enroll in courses at another institution during your final semester/term, your graduation will be delayed to the following semester/term.

Commencement

Commencement is the name of the graduation ceremony. It is offered in December for students who earn their degree in the fall semester. It is offered in May for students who earn their degree in the spring semester. Students who earn their degree in summer can choose to attend the December or May commencement.

To attend commencement, you must apply for graduation before the beginning of your final semester and be approved by your advisor. You cannot attend commencement for a semester in which you are not graduating. Refer to unt.edu/commencement for more information.

Preparation Needed to Secure a Full-Time Job

Get an Internship:

Most internships are paid and provide you with the hands-on experience that is needed to secure a full-time job after graduation. The Career Center can assist you with applying for internships, offer services in resume writing, cover letter writing, interviewing skills, etc. and host 2 career fairs each year at Discovery Park. Visit careercenter.unt.edu/internships for more information.

Assist with Research:

Research enhances your technical skills and can also provide hands-on experience. Opportunities exist in engineering departments and in national/international team competitions mentored by organizations or industry. Enrollment in zero credit hour research course(s) reflect your research experience but are non-graded and require no cost.

Earn a Graduate Degree:

The Engineering Grad Track program allows you can take 3 courses that count toward both your bachelor's/master's degree or 4 courses that could toward both your bachelor's/doctorate degree, which accelerates your graduation date for the graduate degree and saves you money. You must apply for Grad Track prior to the start of your Senior Design/Capstone rotation. Please contact your department for more information.

Use STEM Smart Mentoring:

Match with a mentor via meangreenmentors.unt.edu/v2 to network with experienced industrial engineers, find your engineering path, and enhance your chance of career success.

Get Licensed:

Fundamentals of Engineering (FE) Exam: is generally your first step in the process to becoming a professionally licensed engineer. It is designed for recent graduates and students who are close to finishing a degree. Passing this exam legally certifies you as an "engineer in training" (EIT) or an "engineer intern" (EI).

Principles and Practices of Engineering (PE) Exam: is the engineering profession's highest standard of competence. EITs and EIs are permitted to attempt the exam after completing a minimum of 4-6 years of professional work experience under the supervisor of a PE. Passing the PE exam qualifies you as a licensed professional engineer.

Biomedical Engineering (STEM Tracks)

Bachelor of Science (B.S.) degree with a major in Biomedical Engineering
Biomedical Engineering Department, Discovery Park (NTDP) K-220; (940) 565-3338

University Core

COMMUNICATION

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu
  Grade of "C" or better is required

AMERICAN HISTORY I

- ❑ 1 Course (3 Hours) chosen from HIST 2610 or HIST 2675

AMERICAN HISTORY II

- ❑ 1 Course (3 Hours) chosen from HIST 2620 or HIST 2685

FEDERAL GOVERNMENT/POLITICAL SCIENCE

- ❑ 1 Course (3 Hours) chosen from PSCI 2305 or PSCI 2315

STATE GOVERNMENT/POLITICAL SCIENCE

- ❑ 1 Course (3 Hours) chosen from PSCI 2306 or PSCI 2316

CREATIVE ARTS

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

LANGUAGE, PHILOSOPHY, AND CULTURE

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

SOCIAL AND BEHAVIORAL SCIENCES

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

Major Requirements
Minimum 2.0 GPA

TECHNICAL COMMUNICATIONS

- ❑ TECM 2700, Technical Writing (3 Hours)

MATHEMATICS

- ❑ MATH 1710, Calculus I (4 Hours)
- ❑ MATH 1720, Calculus II (3 Hours)
- ❑ MATH 2700, Linear Algebra (3 Hours)
- ❑ MATH 2730, Multivariable Calculus (3 Hours) or
  MATH 3350, Numerical Analysis (3 Hours)
- ❑ MATH 3410, Differential Equations (3 Hours)

SCIENCES

- ❑ CHEM 1410, General Chemistry I (3 Hours) &
  CHEM 1430, General Chemistry I Lab (1 Hour)
- ❑ PHYS 1710, Mechanics (3 Hours) &
  PHYS 1730 Mechanics Lab (1 Hour)
- ❑ 1 Lab science and lab chosen from:
  BIOL 2301, Human Anatomy & Physiology (3 Hours) &
  BIOL 2311, Human Anatomy & Physiology Lab (1 Hour) or
  CHEM 1420, General Chemistry II (3 Hours) &
  CHEM 1440, General Chemistry II Lab (1 Hour) or
  PHYS 2220, Electricity & Magnetism (3 Hours) &
  PHYS 2240, Electricity & Magnetism Lab (1 Hour)

Major Requirements
Minimum 2.0 GPA

BIOMEDICAL ENGINEERING

- ❑ BMEN 1300, Discover Biomedical Engineering (3 Hours)
- ❑ BMEN 1400, Software for Biomedical Engineers (3 Hours)
- ❑ BMEN 2200, Advanced Software for Biomedical Engineers (2 Hours)
- ❑ BMEN 2210, DAQ Practices (3 Hours)
- ❑ BMEN 2320, Biomedical Instrumentation (3 Hours)
- ❑ BMEN 3310, Engr. Measurements from Human Systems (3 Hours)
- ❑ BMEN 3311, Biomedical Signal Analysis (3 Hours)
- ❑ BMEN 3312, Introduction to Biomechanics (3 Hours)
- ❑ BMEN 3321, Biomaterials (3 Hours)
- ❑ BMEN 3350, Biomedical Transport Phenomena (3 Hours)
- ❑ BMEN 4007, Biomed. Experimental Design & Data Analysis (3 Hours)
- ❑ BMEN 4212, Senior Design I (3 Hours)
- ❑ BMEN 4222, Senior Design II (3 Hours)
- ❑ BMEN 3*** or 4***, Advanced Elective Course (3 Hours)
- ❑ BMEN 3*** or 4***, Advanced Elective Course (3 Hours)
- ❑ BMEN 3*** or 4***, Advanced Elective Course (3 Hours)

ENGINEERING/SCIENCE TRACK

Complete a minimum of 6 courses (18 Hours) from the list below:

- ❑ Track Course (3 Hours)
- ❑ Track Course (3 Hours)
- ❑ Track Course (3 Hours)
- ❑ Track Course (3 Hours)
- ❑ Track Course (3 Hours)
- ❑ Track Course (3 Hours)

Comprehensive Biomedical Engineering Track:

BMEN 3600, 4000, 4100, 4200, 4310, and 4312

Biomedical Instrumentation Track:

EENG 2610/2611, 2620/2621, 2710/2711, 3510, and one 4*** level course.

Biomechanics Track:

ENGR 2301, 2302, 2332, MEEN 2210, and two MEEN 3*** and/or 4*** level courses. See advisor for specific course choices.

Biocomputing Track:

CSCE 1030, 1040, 2100, 2110, and two CSCE 3*** and/or 4*** level courses.

Biomaterials Track:

MTSE 3000, two courses from 3010, 3030, 3050, 3070, and three MTSE 3*** or 4*** level courses. MTSE 3001 is strongly recommended.

Computational Epidemiology:

CSCE 1035, 1045, 2100, 2110, 3850, & CSCE 4820.

Pre-Medical Track:

BIOL 1710, 1720, 1760, 2041/2042, 3451/3452, CHEM 2370/3210, and one class/lab chosen from BIOL 3770/4580 or BIOC 3621/3622.

Additional courses are required for admissions into medical school.

Completion of one of the tracks above can potentially earn a minor. Consult your advisor for more information.

This is an unofficial simplified checklist effective fall 2025. Degree requirements may change.
You may need elective courses to help reach a minimum of 120 Total Hours and 36 Advanced Hours. Check with your advisor.

Biomedical Engineering (STEM Tracks) – Calculus I

2025-2026 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 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.
	BMEN 1300	Discover BMEN	3	F.	BMEN 1400	Software for BMEN *Pre-req: MATH 1650 or higher*	3	Sp.
	CHEM 1410	General Chemistry I *Pre-req: MATH 1100 or higher*	3	F., Sp., Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	CHEM 1430	General Chemistry I Lab *Co/Pre-req: CHEM 1410*	1	F., Sp., Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Comm. Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	TECM 2700	Technical Writing *Pre-req: Communication Core*	3	F., Sp., Su.
	Total Hours		14		Total Hours		15	
Year Two	MATH 2700	Linear Algebra *Pre-req: MATH 1720*	3	F., Sp., Su.	MATH 3410	Differential Equations *Pre-req: MATH 1720*	3	F., Sp., Su.
	PHYS 1710	Mechanics *Pre-req: MATH 1710*	3	F., Sp., Su.	BMEN 2200	Advanced Software for BMEN *Pre-req: MATH 1720 and BMEN 1400*	2	Sp.
	PHYS 1730	Mechanics Lab *Co/Pre-req: PHYS 1710*	1	F., Sp., Su.	BMEN 2320	Biomedical Instrumentation *Pre-reqs: BMEN 1300, 2210* *Co/Pre-req: BMEN 1400*	3	Sp.
	BMEN 2210	DAQ Practices *Pre-req: MATH 1720*	3	F.	Track Course	Track Course *Must complete any necessary pre-reqs.*	3	Varies
	Track Course	Track Course *Must complete any necessary pre-reqs.*	3	Varies	Lab Science	Lab Science Lecture *Must complete any necessary pre-reqs.*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	Lab Science	Lab Science Lab *Must complete any necessary pre-reqs.*	1	F., Sp., Su.
	Total Hours		16		Total Hours		15	
Year Three	MATH 2730	Multivariable Calculus *Pre-req: MATH 1720*	3	F., Sp., Su.	BMEN 3312	Introduction to Biomechanics *Pre-reqs: BMEN 3310, PHYS 1710*	3	Sp.
	BMEN 3310	Human Systems *Pre-reqs: BMEN 1300, 2200, 2320*	3	F.	BMEN 3321	Biomaterials *Pre-reqs: BMEN 3310, PHYS 1710, CHEM 1410*	3	Sp.
	BMEN 3311	Signal Analysis *Pre-req: BMEN 2320*	3	F.	Track Course	Track Course *Must complete any necessary pre-reqs.*	3	Varies
	BMEN 3350	Transport Phenomena *Pre-reqs: BMEN 1300, MATH 3410, PHYS 1710, CHEM 1410*	3	F.	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		15	
Year Four	BMEN 4212	Senior Design I *Pre-reqs: BMEN 3*** Requirements*	3	F.	BMEN 4222	Senior Design II *Pre-reqs: BMEN 4212*	3	Sp.
	BMEN 4007	Experimental Design & Data Analysis *Pre-req: MATH 2700*	3	F.	BMEN Course	BMEN Advanced Elective Course *Pre-reqs: BMEN 3*** Requirements*	3	F., Sp.
	BMEN Course	BMEN Advanced Elective Course *Pre-reqs: BMEN 3*** Requirements*	3	F., Sp.	BMEN Course	BMEN Advanced Elective Course *Pre-reqs: BMEN 3*** Requirements*	3	F., Sp.
	Track Course	Track Course *Must complete any necessary pre-reqs.*	3	Varies	Track Course	Track Course *Must complete any necessary pre-reqs.*	3	Varies
	Track Course	Track Course *Must complete any necessary pre-reqs.*	3	F., Sp., Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		15		Total Hours		15	

ENGL, TECM, MATH, CHEM, BIOL, PHYS, BMEN and Elective track 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. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Biomedical Engineering (STEM Tracks) – Pre-Calculus

2025-2026 Catalog: Sample Five-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 *Pre-req: MATH 1100 or Test Placement*	5	F., Sp., Su.	MATH 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.
	BMEN 1300	Discover BMEN	3	F.	BMEN 1400	Software for BMEN *Pre-req: MATH 1650 or higher*	3	Sp.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	CHEM 1410	General Chemistry I *Pre-req: MATH 1100 or higher*	3	F., Sp., Su.
	Comm. Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	CHEM 1430	General Chemistry I Lab *Co/Pre-req: CHEM 1410*	1	F., Sp., Su.
	Total Hours		14		TECM 2700	Technical Writing *Pre-req: Communication Core*	3	F., Sp., Su.
					Total Hours		14	
Year Two	MATH 1720	Calculus II *Pre-req: MATH 1710*	4	F., Sp., Su.	MATH 2700	Linear Algebra *Pre-req: MATH 1720*	3	F., Sp., Su.
	PHYS 1710	Mechanics *Pre-req: MATH 1710*	3	F., Sp., Su.	Lab Science	Lab Science Lecture *Must complete any necessary pre-reqs.*	3	F., Sp., Su.
	PHYS 1730	Mechanics Lab *Co/Pre-req: PHYS 1710*	1	F., Sp., Su.	Lab Science	Lab Science Corresponding Lab *Co/Pre-req: Lab Science Lecture*	1	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	BMEN 2200	Advanced Software for BMEN *Pre-req: MATH 1720 and BMEN 1400*	2	Sp.
	Track Course	Track Course *Must complete any necessary pre-reqs.*	3	Varies	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		14		Total Hours		12	
Year Three	MATH 3410	Differential Equations *Pre-req: MATH 1720*	3	F., Sp., Su.	MATH 2730	Multivariable Calculus *Pre-req: MATH 1720*	3	F., Sp., Su.
	BMEN 2210	DAQ Practices *Pre-req: MATH 1720*	3	F.	BMEN 2320	Biomedical Instrumentation *Pre-reqs: BMEN 1300, 2210 Co/Pre-req: BMEN 1400*	3	Sp.
	Track Course	Track Course *Must complete any necessary pre-reqs.*	3	Varies	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		12		Total Hours		12	
Year Four	BMEN 3310	Human Systems *Pre-reqs: BMEN 1300,2200, 2320*	3	F.	BMEN 3312	Introduction to Biomechanics *Pre-reqs: BMEN 3310, PHYS 1710*	3	Sp.
	BMEN 3311	Signal Analysis *Pre-req: BMEN 2320*	3	F.	BMEN 3321	Biomaterials *Pre-reqs: BMEN 3310, PHYS 1710, CHEM 1410*	3	Sp.
	BMEN 3350	Transport Phenomena *Pre-reqs: BMEN 1300, MATH 3410, PHYS 1710, CHEM 1410*	3	F.	Track Course	Track Course *Must complete any necessary pre-reqs.*	3	Varies
	Track Course	Track Course *Must complete any necessary pre-reqs.*	3	Varies	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		12		Total Hours		12	
Year Five	BMEN 4212	Senior Design I *Pre-reqs: BMEN 3*** Requirements*	3	F.	BMEN 4222	Senior Design II *Pre-reqs: BMEN 4212*	3	Sp.
	BMEN 4007	Experimental Design & Data Analysis *Pre-req: MATH 2700*	3	F.	BMEN Course	BMEN Advanced Elective Course *Pre-reqs: BMEN 3*** Requirements*	3	F., Sp.
	BMEN Course	BMEN Advanced Elective Course *Pre-reqs: BMEN 3*** Requirements*	3	F., Sp.	BMEN Course	BMEN Advanced Elective Course *Pre-reqs: BMEN 3*** Requirements*	3	F., Sp.
	Track Course	Track Course *Must complete any necessary pre-reqs.*	3	Varies	Track Course	Track Course *Must complete any necessary pre-reqs.*	3	Varies
	Total Hours		12		Total Hours		12	

ENGL, TECM, MATH, CHEM, BIOL, PHYS, BMEN and Elective track 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. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Biomedical Engineering (STEM Tracks) – College Algebra

2025-2026 Catalog: Sample Five-Year Schedule

	Fall Semester	Course Title	Credit Hours	Term(s) Offered	Spring Semester	Course Title	Credit Hours	Term(s) Offered
Year One	MATH 1100	College Algebra *Pre-req: TSI Completion*	3	F., Sp., Su.	MATH 1650	Pre-Calculus *Pre-req: MATH 1100 or Test Placement*	5	F., Sp., Su.
	BMEN 1300	Discover BMEN	3	F.	CHEM 1410	General Chemistry I *Pre-req: MATH 1100 or higher*	3	F., Sp., Su.
	Comm. Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	CHEM 1430	General Chemistry I Lab *Co/Pre-req: CHEM 1410*	1	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	TECM 2700	Technical Writing *Pre-req: Communication Core*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	Total Hours		15	
	Total Hours		15					
Year Two	MATH 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.
	Lab Science	Lab Science Lecture *Must complete any necessary pre-reqs.*	3	F., Sp., Su.	BMEN 1400	Software for BMEN *Pre-req: MATH 1650 or higher*	3	Sp.
	Lab Science	Lab Science Corresponding Lab *Co/Pre-req: Lab Science Lecture*	1	F., Sp., Su.	PHYS 1710	Mechanics *Pre-req: MATH 1710*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	PHYS 1730	Mechanics Lab *Co/Pre-req: PHYS 1710*	1	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		14		Total Hours		13	
Year Three	MATH 2700	Linear Algebra *Pre-req: MATH 1720*	3	F., Sp., Su.	MATH 3410	Differential Equations *Pre-req: MATH 1720*	3	F., Sp., Su.
	BMEN 2210	DAQ Practices *Pre-req: MATH 1720*	3	F.	BMEN 2200	Advanced Software for BMEN *Pre-req: MATH 1720 and BMEN 1400*	2	Sp.
	Track Course	Track Course *Must complete any necessary pre-reqs.*	3	Varies	BMEN 2320	Biomedical Instrumentation *Pre-reqs: BMEN 1300, 2210 Co/Pre-req: BMEN 1400*	3	Sp.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	Track Course	Track Course *Must complete any necessary pre-reqs.*	3	F., Sp., Su.
	Total Hours		12		University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
					Total Hours		14	
Year Four	MATH 2730	Multivariable Calculus *Pre-req: MATH 1720*	3	F., Sp., Su.	BMEN 3312	Introduction to Biomechanics *Pre-reqs: BMEN 3310, PHYS 1710*	3	Sp.
	BMEN 3310	Human Systems *Pre-reqs: BMEN 1300, 2200, 2320*	3	F.	BMEN 3321	Biomaterials *Pre-reqs: BMEN 3310, PHYS 1710, CHEM 1410*	3	Sp.
	BMEN 3311	Signal Analysis *Pre-req: BMEN 2320*	3	F.	Track Course	Track Course *Must complete any necessary pre-reqs.*	3	Varies
	BMEN 3350	Transport Phenomena *Pre-reqs: BMEN 1300, MATH 3410, PHYS 1710, CHEM 1410*	3	F.	Track Course	Track Course *Must complete any necessary pre-reqs.*	3	Varies
	Total Hours		12		Total Hours		12	
Year Five	BMEN 4212	Senior Design I *Pre-reqs: BMEN 3*** Requirements*	3	F.	BMEN 4222	Senior Design II *Pre-reqs: BMEN 4212*	3	Sp.
	BMEN 4007	Experimental Design & Data Analysis *Pre-req: MATH 2700*	3	F..	BMEN Course	BMEN Advanced Elective Course *Pre-reqs: BMEN 3*** Requirements*	3	F., Sp.
	BMEN Course	BMEN Advanced Elective Course *Pre-reqs: BMEN 3*** Requirements*	3	F., Sp.	BMEN Course	BMEN Advanced Elective Course *Pre-reqs: BMEN 3*** Requirements*	3	F., Sp.
	Track Course	Track Course *Must complete any necessary pre-reqs.*	3	F.	Track Course	Track Course *Must complete any necessary pre-reqs.*	3	Varies
	Total Hours		12		Total Hours		12	

ENGL, TECM, MATH, CHEM, BIOL, PHYS, BMEN and Elective track 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. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Biomedical Engineering (Business Tracks)

Bachelor of Science (B.S.) degree with a major in Biomedical Engineering
Biomedical Engineering Department, Discovery Park (NTDP) K-220; (940) 565-3338

University Core

COMMUNICATION

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu
  Grade of "C" or better is required

AMERICAN HISTORY I

- ❑ 1 Course (3 Hours) chosen from HIST 2610 or HIST 2675

AMERICAN HISTORY II

- ❑ 1 Course (3 Hours) chosen from HIST 2620 or HIST 2685

FEDERAL GOVERNMENT/POLITICAL SCIENCE

- ❑ 1 Course (3 Hours) chosen from PSCI 2305 or PSCI 2315

STATE GOVERNMENT/POLITICAL SCIENCE

- ❑ 1 Course (3 Hours) chosen from PSCI 2306 or PSCI 2316

CREATIVE ARTS

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

LANGUAGE, PHILOSOPHY, AND CULTURE

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

SOCIAL AND BEHAVIORAL SCIENCES

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

Major Requirements
Minimum 2.0 GPA

TECHNICAL COMMUNICATIONS

- ❑ TECM 2700, Technical Writing (3 Hours)

MATHEMATICS

- ❑ MATH 1710, Calculus I (4 Hours)
- ❑ MATH 1720, Calculus II (3 Hours)
- ❑ MATH 2700, Linear Algebra (3 Hours)
- ❑ MATH 2730, Multivariable Calculus (3 Hours) or
  MATH 3350, Numerical Analysis (3 Hours)
- ❑ MATH 3410, Differential Equations (3 Hours)

SCIENCES

- ❑ CHEM 1410, General Chemistry I (3 Hours) &
  CHEM 1430, General Chemistry I Lab (1 Hour)
- ❑ PHYS 1710, Mechanics (3 Hours) &
  PHYS 1730 Mechanics Lab (1 Hour)
- ❑ 1 Lab science and lab chosen from:
  BIOL 2301, Human Anatomy & Physiology (3 Hours) &
  BIOL 2311, Human Anatomy & Physiology Lab (1 Hour) or
  CHEM 1420, General Chemistry II (3 Hours) &
  CHEM 1440, General Chemistry II Lab (1 Hour) or
  PHYS 2220, Electricity & Magnetism (3 Hours) &
  PHYS 2240, Electricity & Magnetism Lab (1 Hour)

Major Requirements
Minimum 2.0 GPA

BIOMEDICAL ENGINEERING

- ❑ BMEN 1300, Discover Biomedical Engineering (3 Hours)
- ❑ BMEN 1400, Software for Biomedical Engineers (3 Hours)
- ❑ BMEN 2200, Advanced Software for Biomedical Engineers (2 Hours)
- ❑ BMEN 2210, DAQ Practices (3 Hours)
- ❑ BMEN 2320, Biomedical Instrumentation (3 Hours)
- ❑ BMEN 3310, Engr. Measurements from Human Systems (3 Hours)
- ❑ BMEN 3311, Biomedical Signal Analysis (3 Hours)
- ❑ BMEN 3312, Introduction to Biomechanics (3 Hours)
- ❑ BMEN 3321, Biomaterials (3 Hours)
- ❑ BMEN 3350, Biomedical Transport Phenomena (3 Hours)
- ❑ BMEN 4007, Biomed. Experimental Design & Data Analysis (3 Hours)
- ❑ BMEN 4212, Senior Design I (3 Hours)
- ❑ BMEN 4222, Senior Design II (3 Hours)
- ❑ BMEN 3*** or 4***, Advanced Elective Course (3 Hours)
- ❑ BMEN 3*** or 4***, Advanced Elective Course (3 Hours)
- ❑ BMEN 3*** or 4***, Advanced Elective Course (3 Hours)
- ❑ BMEN 3*** or 4***, Advanced Elective Course (3 Hours)
- ❑ BMEN 3*** or 4***, Advanced Elective Course (3 Hours)

BUSINESS TRACK

Complete a minimum of 4 courses (12 Hours) from the list below:

- ❑ Track Course (3 Hours)
- ❑ Track Course (3 Hours)
- ❑ Track Course (3 Hours)
- ❑ Track Course (3 Hours)

Business Foundations Track

ACCT 2010*, ACCT 2020, FINA 3770, MKTG 3651, MGMT 3721 or MGMT 3820, and a 3*** or 4*** level Business course

**ACCT 2010 requires ECON 1100 as Pre/Co-requisite. ECON 1100 also applies towards Social and Behavioral Sciences Core requirement.*

Entrepreneurship and Enterprise Management Track

MGMT 3820, MGMT 3850, and 12 hours (four courses at 3 credit hours each) from appropriate MGMT selections in catalog.

Management Track

MGMT 3721 and 15 hours (five courses at 3 credit hours each) from appropriate MGMT selections in catalog.

Marketing Track

MKTG 3651 and 15 hours (five courses at 3 credit hours each) from appropriate MKTG selections in catalog.

Only four courses from a track are required for degree completion. Listed above are the requirements to earn a minor if you would like. See your advisor for more information.

This is an unofficial simplified checklist effective fall 2025. Degree requirements may change.
You may need elective courses to help reach a minimum of 120 Total Hours and 36 Advanced Hours. Check with your advisor.

Biomedical Engineering (Business Tracks) – Calculus I

2025-2026 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 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.
	BMEN 1300	Discover BMEN	3	F.	BMEN 1400	Software for BMEN *Pre-req: MATH 1650 or higher*	3	Sp.
	CHEM 1410	General Chemistry I *Pre-req: MATH 1100 or higher*	3	F., Sp., Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	CHEM 1430	General Chemistry I Lab *Co/Pre-req: CHEM 1410*	1	F., Sp., Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Comm. Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	TECM 2700	Technical Writing *Pre-req: Communication Core*	3	F., Sp., Su.
	Total Hours		14		Total Hours		15	
Year Two	MATH 2700	Linear Algebra *Pre-req: MATH 1720*	3	F., Sp., Su.	MATH 3410	Differential Equations *Pre-req: MATH 1720*	3	F., Sp., Su.
	PHYS 1710	Mechanics *Pre-req: MATH 1710*	3	F., Sp., Su.	BMEN 2200	Advanced Software for BMEN *Pre-req: MATH 1720 and BMEN 1400*	2	Sp.
	PHYS 1730	Mechanics Lab *Co/Pre-req: PHYS 1710*	1	F., Sp., Su.	BMEN 2320	Biomedical Instrumentation *Pre-reqs: BMEN 1300, 2210* *Co/Pre-req: BMEN 1400*	3	Sp.
	BMEN 2210	DAQ Practices *Pre-req: MATH 1720*	3	F.	Lab Science	Lab Science Lecture *Must complete any necessary pre-reqs.*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	Lab Science	Lab Science Corresponding Lab *Co/Pre-req: Lab Science Lecture*	1	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		16		Total Hours		15	
Year Three	MATH 2730	Multivariable Calculus *Pre-req: MATH 1720*	3	F., Sp., Su.	BMEN 3312	Introduction to Biomechanics *Pre-reqs: BMEN 3310, PHYS 1710*	3	Sp.
	BMEN 3310	Human Systems *Pre-reqs: BMEN 1300, 2200, 2320*	3	F.	BMEN 3321	Biomaterials *Pre-reqs: BMEN 3310, PHYS 1710, CHEM 1410*	3	Sp.
	BMEN 3311	Signal Analysis *Pre-req: BMEN 2320*	3	F.	Business Track	Track Course *Must complete any necessary pre-reqs.*	3	Varies
	BMEN 3350	Transport Phenomena *Pre-reqs: BMEN 1300, MATH 3410, PHYS 1710, CHEM 1410*	3	F.	Business Track	Track Course *Must complete any necessary pre-reqs.*	3	Varies
	Business Track	Track Course *Must complete any necessary pre-reqs.*	3	Varies	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		15		Total Hours		15	
Year Four	BMEN 4212	Senior Design I *Pre-reqs: BMEN 3*** Requirements*	3	F.	BMEN 4222	Senior Design II *Pre-reqs: BMEN 4212*	3	Sp.
	BMEN 4007	Experimental Design & Data Analysis *Pre-req: MATH 2700*	3	F..	BMEN Course	BMEN Advanced Elective Course *Pre-reqs: BMEN 3*** Requirements*	3	F., Sp.
	BMEN Course	BMEN Advanced Elective Course *Pre-reqs: BMEN 3*** Requirements*	3	F., Sp.	BMEN Course	BMEN Advanced Elective Course *Pre-reqs: BMEN 3*** Requirements*	3	F., Sp.
	BMEN Course	BMEN Advanced Elective Course *Pre-reqs: BMEN 3*** Requirements*	3	F., Sp.	BMEN Course	BMEN Advanced Elective Course *Pre-reqs: BMEN 3*** Requirements*	3	F., Sp.
	Business Track	Track Course *Must complete any necessary pre-reqs.*	3	Varies	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		15		Total Hours		15	

ENGL, TECM, MATH, CHEM, BIOL, PHYS, BMEN and Business track 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. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Biomedical Engineering (Business Tracks) – Pre-Calculus

2025-2026 Catalog: Sample Five-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 *Pre-req: MATH 1100 or Test Placement*	5	F., Sp., Su.	MATH 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.
	BMEN 1300	Discover BMEN	3	F.	BMEN 1400	Software for BMEN *Pre-req: MATH 1650 or higher*	3	Sp.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	CHEM 1410	General Chemistry I *Pre-req: MATH 1100 or higher*	3	F., Sp., Su.
	Comm. Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	CHEM 1430	General Chemistry I Lab *Co/Pre-req: CHEM 1410*	1	F., Sp., Su.
	Total Hours		14		TECM 2700	Technical Writing *Pre-req: Communication Core*	3	F., Sp., Su.
					Total Hours		14	
Year Two	MATH 1720	Calculus II *Pre-req: MATH 1710*	4	F., Sp., Su.	MATH 2700	Linear Algebra *Pre-req: MATH 1720*	3	F., Sp., Su.
	PHYS 1710	Mechanics *Pre-req: MATH 1710*	3	F., Sp., Su.	Lab Science	Lab Science Lecture *Must complete any necessary pre-reqs.*	3	F., Sp., Su.
	PHYS 1730	Mechanics Lab *Co/Pre-req: PHYS 1710*	1	F., Sp., Su.	Lab Science	Lab Science Corresponding Lab *Co/Pre-req: Lab Science Lecture*	1	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	BMEN 2200	Advanced Software for BMEN *Pre-req: MATH 1720 and BMEN 1400*	2	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		14		Total Hours		12	
Year Three	MATH 3410	Differential Equations *Pre-req: MATH 1720*	3	F., Sp., Su.	MATH 2730	Multivariable Calculus *MATH 2730 Pre-req: MATH 1720*	3	F., Sp., Su.
	BMEN 2210	DAQ Practices *Pre-req: MATH 1720*	3	F.	BMEN 2320	Biomedical Instrumentation *Pre-reqs: BMEN 1300, 2210 Co/Pre-req: BMEN 1400*	3	Sp.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	Business Track	Track Course *Must complete any necessary pre-reqs.*	3	Varies
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		12		Total Hours		12	
Year Four	BMEN 3310	Human Systems *Pre-reqs: BMEN 1300, 2200, 2320*	3	F.	BMEN 3312	Introduction to Biomechanics *Pre-reqs: BMEN 3310, PHYS 1710*	3	Sp.
	BMEN 3311	Signal Analysis *Pre-req: BMEN 2320*	3	F.	BMEN 3321	Biomaterials *Pre-reqs: BMEN 3310, PHYS 1710, CHEM 1410*	3	Sp.
	BMEN 3350	Transport Phenomena *Pre-reqs: BMEN 1300, MATH 3410, PHYS 1710, CHEM 1410*	3	F.	Business Track	Track Course *Must complete any necessary pre-reqs.*	3	Varies
	Business Track	Track Course *Must complete any necessary pre-reqs.*	3	Varies	Business Track	Track Course *Must complete any necessary pre-reqs.*	3	Varies
	Total Hours		12		Total Hours		12	
Year Five	BMEN 4212	Senior Design I *Pre-reqs: BMEN 3*** Requirements*	3	F.	BMEN 4222	Senior Design II *Pre-reqs: BMEN 4212*	3	Sp.
	BMEN 4007	Experimental Design & Data Analysis *Pre-req: MATH 2700*	3	F..	BMEN Course	BMEN Advanced Elective Course *Pre-reqs: BMEN 3*** Requirements*	3	F., Sp.
	BMEN Course	BMEN Advanced Elective Course *Pre-reqs: BMEN 3*** Requirements*	3	F., Sp.	BMEN Course	BMEN Advanced Elective Course *Pre-reqs: BMEN 3*** Requirements*	3	F., Sp.
	BMEN Course	BMEN Advanced Elective Course *Pre-reqs: BMEN 3*** Requirements*	3	Varies	BMEN Course	BMEN Advanced Elective Course *Pre-reqs: BMEN 3*** Requirements*	3	F., Sp.
	Total Hours		12		Total Hours		12	

ENGL, TECM, MATH, CHEM, BIOL, PHYS, BMEN and Business track 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. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Biomedical Engineering (Business Tracks) – College Algebra

2025-2026 Catalog: Sample Five-Year Schedule

	Fall Semester	Course Title	Credit Hours	Term(s) Offered	Spring Semester	Course Title	Credit Hours	Term(s) Offered
Year One	MATH 1100	College Algebra *Pre-req: TSI Completion*	3	F., Sp., Su.	MATH 1650	Pre-Calculus *Pre-req: MATH 1100 or Test Placement*	5	F., Sp., Su.
	BMEN 1300	Discover BMEN	3	F., Sp., Su.	CHEM 1410	General Chemistry I *Pre-req: MATH 1100 or higher*	3	F., Sp., Su.
	Comm. Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	CHEM 1430	General Chemistry I Lab *Co/Pre-req: CHEM 1410*	1	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	TECM 2700	Technical Writing *Pre-req: Communication Core*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	Total Hours		12	
	Total Hours		15					
Year Two	MATH 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.
	Lab Science	Lab Science Lecture *Must complete any necessary pre-reqs.*	3	F., Sp., Su.	BMEN 1400	Software for BMEN *Pre-req: MATH 1650 or higher*	3	Sp.
	Lab Science	Lab Science Corresponding Lab *Co/Pre-req: Lab Science Lecture*	1	F., Sp., Su.	PHYS 1710	Mechanics *Pre-req: MATH 1710*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	PHYS 1730	Mechanics Lab *Co/Pre-req: PHYS 1710*	1	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		14		Total Hours		13	
Year Three	MATH 2700	Linear Algebra *Pre-req: MATH 1720*	3	F., Sp., Su.	MATH 3410	Differential Equations *Pre-req: MATH 1720*	3	F., Sp., Su.
	BMEN 2210	DAQ Practices *Pre-req: MATH 1720*	3	F.	BMEN 2200	Advanced Software for BMEN *Pre-req: MATH 1720 and BMEN 1400*	2	Sp.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	BMEN 2320	Biomedical Instrumentation *Pre-reqs: BMEN 1300, 2210 Co/Pre-req: BMEN 1400*	3	Sp.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	Business Track	Track Course *Must complete any necessary pre-reqs.*	3	Varies
					Business Track	Track Course *Must complete any necessary pre-reqs.*	3	Varies
	Total Hours		12		Total Hours		14	
Year Four	MATH 2730	Multivariable Calculus *Pre-req: MATH 1720*	3	F., Sp., Su.	BMEN 3312	Introduction to Biomechanics *Pre-reqs: BMEN 3310, PHYS 1710*	3	Sp.
	BMEN 3310	Human Systems *Pre-reqs: BMEN 1300, 2200, 2320*	3	F.	BMEN 3321	Biomaterials *Pre-reqs: BMEN 3310, PHYS 1710, CHEM 1410*	3	Sp.
	BMEN 3311	Signal Analysis *Pre-req: BMEN 2320*	3	F.	Business Track	Track Course *Must complete any necessary pre-reqs.*	3	Varies
	BMEN 3350	Transport Phenomena *Pre-reqs: BMEN 1300, MATH 3410, PHYS 1710, CHEM 1410*	3	F.	Business Track	Track Course *Must complete any necessary pre-reqs.*	3	Varies
	Total Hours		12		Total Hours		12	
Year Five	BMEN 4212	Senior Design I *Pre-reqs: BMEN 3*** Requirements*	3	F.	BMEN 4222	Senior Design II *Pre-req: BMEN 4212*	3	Sp.
	BMEN 4007	Experimental Design & Data Analysis *Pre-req: MATH 2700*	3	F..	BMEN Course	BMEN Advanced Elective Course *Pre-reqs: BMEN 3*** Requirements*	3	F., Sp.
	BMEN Course	BMEN Advanced Elective Course *Pre-reqs: BMEN 3*** Requirements*	3	F., Sp.	BMEN Course	BMEN Advanced Elective Course *Pre-reqs: BMEN 3*** Requirements*	3	F., Sp.
	BMEN Course	BMEN Advanced Elective Course *Pre-reqs: BMEN 3*** Requirements*	3	F.	BMEN Course	BMEN Advanced Elective Course *Pre-reqs: BMEN 3*** Requirements*	3	F., Sp.
	Total Hours		12		Total Hours		12	

ENGL, TECM, MATH, CHEM, BIOL, PHYS, BMEN and Business track 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. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Computer Engineering

Bachelor of Science (B.S.) degree with a major in Computer Engineering
Department of Computer Science and Engineering, Discovery Park (NTDP) F-201; (940) 565-2767

University Core

COMMUNICATION
- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu
  Grade of "C" or better is required

AMERICAN HISTORY I
- ❑ 1 Course (3 Hours) chosen from HIST 2610 or HIST 2675

AMERICAN HISTORY II
- ❑ 1 Course (3 Hours) chosen from HIST 2620 or HIST 2685

FEDERAL GOVERNMENT/POLITICAL SCIENCE
- ❑ 1 Course (3 Hours) chosen from PSCI 2305 or PSCI 2315

STATE GOVERNMENT/POLITICAL SCIENCE
- ❑ 1 Course (3 Hours) chosen from PSCI 2306 or PSCI 2316

CREATIVE ARTS
- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

LANGUAGE, PHILOSOPHY, AND CULTURE
- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

SOCIAL AND BEHAVIORAL SCIENCES
- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

Major Requirements
Grades of C or better

TECHNICAL COMMUNICATIONS
- ❑ TECM 2700, Technical Writing (3 Hours)

MATHEMATICS
- ❑ MATH 1710, Calculus I (4 Hours)
- ❑ MATH 1720, Calculus II (3 Hours)
- ❑ MATH 2700, Linear Algebra (3 Hours)
- ❑ MATH 2730, Multivariable Calculus (3 Hours)
- ❑ MATH 3680, Applied Statistics (3 Hours)
  or
  MATH 1780, Probability Models (3 Hours)

SCIENCES
- ❑ CHEM 1410, General Chemistry I (3 Hours) &
  CHEM 1430, General Chemistry I Lab (1 Hour)
- ❑ PHYS 1710, Mechanics (3 Hours) &
  PHYS 1730 Mechanics Lab (1 Hour)
- ❑ PHYS 2220, Electricity & Magnetism (3 Hours) &
  PHYS 2240, Electricity & Magnetism Lab (1 Hour)

Major Requirements
Grades of C or better

ELECTRICAL ENGINEERING
- ❑ EENG 2610, Circuit Analysis (3 Hours) &
  EENG 2611, Circuit Analysis Lab (1 Hour)
- ❑ EENG 2710, Digital Logic Design (3 Hours) &
  EENG 2711, Digital Logic Lab (1 Hour)
- ❑ EENG 3510, Electronics I (3 Hours)

COMPUTER ENGINEERING
- ❑ CSCE 1010, Discovering Computer Science (3 Hours)
- ❑ CSCE 1015, Computing Tools and Techniques (1 Hour)
- ❑ CSCE 1030, Computer Science I (3 Hours)
- ❑ CSCE 1040, Computer Science II (3 Hours)
- ❑ CSCE 2100, Foundations of Computing (3 Hours)
- ❑ CSCE 2110, Foundations of Data Structures (3 Hours)
- ❑ CSCE 2610, Assembly Lang. & Computer Organization (3 Hours)
- ❑ CSCE 3010, Signals & Systems (3 Hours)
- ❑ CSCE 3020, Communication Systems (3 Hours)
- ❑ CSCE 3600, Principles of Systems Programming (3 Hours)
- ❑ CSCE 3610, Introduction to Computer Architecture (3 Hours)
- ❑ CSCE 3612, Embedded Systems Design (3 Hours)
- ❑ CSCE 3730, Reconfigurable Logic (3 Hours)
- ❑ CSCE 4010, Social Issues in Computing (3 Hours)
- ❑ CSCE 4910, Design I (3 Hours)
- ❑ CSCE 4915, Design II (3 Hours)

SPECIALTIZATION AREA

Choose a specialization area and complete 3 courses from the list below:
- ❑ Specialization Area Course (3 Hours)
- ❑ Specialization Area Course (3 Hours)
- ❑ Specialization Area Course (3 Hours)

Artificial Intelligence and Machine Learning (Choose 3 courses):
CSCE 3110, 4200, 4201, 4205, 4290, 4380, 4890

Real-time & Embedded Systems (Choose 3 courses):
CSCE 3444, 4440, 4600, 4610, 4620, 4730, 4890

VLSI & Electronics (Choose 3 courses):
CSCE 4610, 4730, 4890, PHYS 4500

Communications & Networks (Choose 3 courses):
CSCE 3420, 3530, 3550, 4510, 4520, 4530, 4560, 4890

Computer Systems (Choose 3 courses):
CSCE 4050, 4160, 4240, 4600, 4610, 4620, 4650, 4730, 4890

Maximum of 6 hours may be taken from CSCE 4890

This is an unofficial simplified checklist effective fall 2025. Degree requirements may change.
You may need elective courses to help reach a minimum of 121 Total Hours and 39 Advanced Hours. Check with your advisor.

Computer Engineering – Calculus I

2025-2026 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 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.
	CSCE 1010	Discovering Computer Science	3	F., Sp., Su.	CSCE 1015	Computing Tools & Techniques *Co-req: CSCE 1030 or CSCE 1035*	1	F., Sp., Su.
	CHEM 1410	General Chemistry I *Pre-req: MATH 1100 or higher.* *Co-req: CHEM 1430*	3	F., Sp., Su.	CSCE 1030	Computer Science I *Pre-reqs: MATH 1100 & CSCE 1010* *Co-req: CSCE 1015*	3	F., Sp., Su.
	CHEM 1430	General Chemistry I Lab *Co/Pre-req: CHEM 1410*	1	F., Sp., Su.	TECM 2700	Technical Writing *Pre-req: Communication Core*	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		14		University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
					Total Hours		16	
Year Two	MATH 2730	Multivariable Calculus *Pre-req: MATH 1720*	3	F., Sp., Su.	MATH 2700	Linear Algebra *Pre-req: MATH 1720*	3	F., Sp., Su.
	CSCE 1040	Computer Science II *Pre-reqs: MATH 1100 & CSCE 1030*	3	F., Sp., Su.	CSCE 2100	Foundations of Computing *Pre-req: CSCE 1040 or CSCE 1045* *Co-req: MATH 1710*	3	F., Sp., Su.
	PHYS 1710	Mechanics *Pre-req: MATH 1710. Co-req: PHYS 1730*	3	F., Sp., Su.	CSCE 2110	Foundations of Data Structures *Pre-req: CSCE 1040 or CSCE 1045*	3	F., Sp., Su.
	PHYS 1730	Mechanics Lab *Co/Pre-req: PHYS 1710*	1	F., Sp., Su.	PHYS 2220	Electricity & Magnetism *Pre-reqs: PHYS 1710, 1730* *Co-req: PHYS 2240, MATH 1720*	3	F., Sp., Su.
	EENG 2710	Digital Logic *Co-req: EENG 2711*	3	F., Sp., Su.	PHYS 2240	Electricity & Magnetism Lab *Co/Pre-req: PHYS 2220*	1	F., Sp., Su.
	EENG 2711	Digital Logic Lab *Co-req: EENG 2710*	1	F., Sp., Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		14		Total Hours		16	
Year Three	MATH 3680	Applied Statistics *Co/Pre-req: MATH 1720*	3	F., Sp.	CSCE 3612	Embedded Systems *Pre-reqs: CSCE 2610, EENG 2710, 2711*	3	Sp., Su.
	CSCE 2610	Assembly Lang. & Computer Org. *Pre-req: CSCE 2100* *Co/Pre-req: EENG 2710, 2711*	3	F., Sp., Su.	EENG 3510	Electronics I *Pre-req: EENG 2610, 2611*	3	F., Sp.
	CSCE 3600	Systems Programming *Pre-req: CSCE 2100 & CSCE 2110*	3	F., Sp.	Specialty Area	Options at mydegreeaudit.unt.edu *Must complete pre-reqs*	3	Varies
	EENG 2610	Circuit Analysis *Pre-req: MATH 1720* *Co/pre-req: PHYS 2220, 2240, EENG 2611*	3	F., Sp. Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	EENG 2611	Circuit Analysis Lab *Co/pre-req: EENG 2610*	1	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 Four	CSCE 3010	Signals and Systems *Pre-reqs: EENG 2610, 2611, MATH 2730 or 3410*	3	F.	CSCE 3020	Communications Systems *Pre-req: CSCE 3010*	3	Sp.
	CSCE 3730	Reconfigurable Logic *Pre-req: CSCE 2610*	3	F.	CSCE 3610	Intro to Computer Architecture *Pre-reqs: CSCE 2610 and CSCE 3730*	3	Sp.
	CSCE 4910	Design I *Pre-reqs: CSCE 3612, EENG 3510*	3	F.	CSCE 4010	Social Issues in Computing *Pre-req: CSCE 3600*	3	F., Sp., Su.
	Specialty Area	Options at mydegreeaudit.unt.edu *Must complete pre-reqs*	3	Varies	CSCE 4915	Design II *Pre-req: CSCE 4910*	3	Sp.
	CSCE Specialty	Options at mydegreeaudit.unt.edu *Must complete pre-reqs*	3	Varies	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		15		Total Hours		15	

ENGL, TECM, MATH, CHEM, PHYS, EENG, and CSCE 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. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Computer Engineering – Pre-Calculus

2025-2026 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 *Pre-req: MATH 1100 or Test Placement*	5	F., Sp., Su.	MATH 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.
	CSCE 1010	Discovering Computer Science	3	F., Sp., Su.	CSCE 1015	Computing Tools & Techniques *Co-req: CSCE 1030 or CSCE 1035*	1	F., Sp., Su.
	CHEM 1410	General Chemistry I *Pre-req: MATH 1100 or higher*	3	F., Sp., Su.	CSCE 1030	Computer Science I *Pre-reqs: MATH 1100 & CSCE 1010* *Co-req: CSCE 1015*	3	F., Sp., Su.
	CHEM 1430	General Chemistry I Lab *Co/Pre-req: CHEM 1410*	1	F., Sp., Su.	TECM 2700	Technical Writing *Pre-req: Communication Core*	3	F., Sp., Su.
	Comm. Core	Options on mydegreeaudit.unt.edu	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.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		18		Total Hours		17	
Year Two	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.	MATH 2730	Multivariable Calculus *Pre-req: MATH 1720*	3	F., Sp., Su.
	CSCE 1040	Computer Science II *Pre-reqs: MATH 1100 & CSCE 1030*	3	F., Sp., Su.	CSCE 2100	Foundations of Computing *Pre-req: CSCE 1040 or 1045.* *Coreq: MATH 1710*	3	F., Sp., Su.
	PHYS 1710	Mechanics *Pre-req: MATH 1710*	3	F., Sp., Su.	CSCE 2110	Foundations of Data Structures *Pre-req: CSCE 1040 or CSCE 1045*	3	F., Sp., Su.
	PHYS 1730	Mechanics Lab *Co/Pre-req: PHYS 1710*	1	F., Sp., Su.	PHYS 2220	Electricity & Magnetism *Pre-reqs: PHYS 1710, 1730* *Co-req: PHYS 2240, MATH 1720*	3	F., Sp., Su.
	EENG 2710	Digital Logic *Co-req: EENG 2711*	3	F., Sp., Su.	PHYS 2240	Electricity & Magnetism Lab *Co/Pre-req: PHYS 2220*	1	F., Sp., Su.
	EENG 2711	Digital Logic Lab *Co-req: EENG 2710*	1	F., Sp., Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		14		Total Hours		16	
Year Three	MATH 2700	Linear Algebra *Pre-req: MATH 1720*	3	F., Sp., Su.	MATH 3680	Applied Statistics *Co/Pre-req: MATH 1720*	3	F., Sp.
	CSCE 2610	Assembly Lang. & Computer Org. *Pre-reqs: CSCE 2100, Co/Pre-req: EENG 2710*	3	F., Sp., Su.	CSCE 3612	Embedded Systems *Pre-reqs: CSCE 2610, EENG 2710, 2711*	3	Sp., Su.
	CSCE 3600	Systems Programming *Pre-req: CSCE 2100 & CSCE 2110*	3	F., Sp.	EENG 3510	Electronics I *Pre-req: EENG 2610, 2611*	3	F., Sp.
	EENG 2610	Circuit Analysis *Pre-req: MATH 1720* *Co/pre-req: PHYS 2220, 2240, EENG 2611*	3	F., Sp. Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	EENG 2611	Circuit Analysis Lab *Co/pre-req: EENG 2610*	1	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 Four	CSCE 3010	Signals and Systems *Pre-reqs: EENG 2610, 2611, MATH 2730 or 3410*	3	F.	CSCE 3020	Communications Systems *Pre-req: CSCE 3010*	3	Sp.
	CSCE 3730	Reconfigurable Logic *Pre-req: CSCE 2610*	3	F.	CSCE 3610	Intro to Computer Architecture *Pre-reqs: CSCE 2610 and CSCE 3730*	3	Sp.
	CSCE 4910	Design I *Pre-reqs: CSCE 3612, EENG 3510*	3	F.	CSCE 4915	Design II *Pre-req: CSCE 4910*	3	Sp.
	Specialty Area	Options at mydegreeaudit.unt.edu *Must complete pre-reqs*	3	F., Sp.	CSCE 4010	Social Issues in Computing *Pre-req: CSCE 3600*	3	F., Sp., Su.
	Specialty Area	Options at mydegreeaudit.unt.edu *Must complete pre-reqs*	3	F., Sp.	Specialty Area	Options at mydegreeaudit.unt.edu *Must complete pre-reqs*	3	F., Sp.
	Total Hours		15		Total Hours		15	

ENGL, TECM, MATH, CHEM, PHYS, EENG, and CSCE 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. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Computer Engineering – College Algebra

2025-2026 Catalog: Sample Five-Year Schedule

	Fall Semester	Course Title	Credit Hours	Term(s) Offered	Spring Semester	Course Title	Credit Hours	Term(s) Offered
Year One	MATH 1100	College Algebra *Pre-req: TSI Completion*	3	F., Sp., Su.	MATH 1650	Pre-Calculus *Pre-req: MATH 1100 or Test Placement*	5	F., Sp., Su.
	CSCE 1010	Discovering Computer Science	3	F., Sp., Su.	CSCE 1015	Computing Tools & Techniques *Co-req: CSCE 1030 or CSCE 1035*	1	F., Sp., Su.
	Comm. Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	CSCE 1030	Computer Science I *Pre-reqs: MATH 1100 & CSCE 1010* *Co-req: CSCE 1015*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	TECM 2700	Technical Writing *Pre-req: Communication Core*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	Total Hours		12	
	Total Hours		15					

Year Two	MATH 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.
	CSCE 1040	Computer Science II *Pre-reqs: MATH 1100 & CSCE 1030*	3	F., Sp., Su.	CSCE 2110	Foundations of Data Structures *Pre-req: CSCE 1040 or CSCE 1045*	3	F., Sp., Su.
	CHEM 1410	General Chemistry I *Pre-req: MATH 1100 or higher*	3	F., Sp., Su.	PHYS 1710	Mechanics *Pre-req: MATH 1710*	3	F., Sp., Su.
	CHEM 1430	General Chemistry I Lab *Co/Pre-req: CHEM 1410*	1	F., Sp., Su.	PHYS 1730	Mechanics Lab *Co/Pre-req: PHYS 1710*	1	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		14		Total Hours		13	

Year Three	MATH 2730	Multivariable Calculus *Pre-req: MATH 1720*	3	F., Sp., Su.	MATH 2700	Linear Algebra *Pre-req: MATH 1720*	3	F., Sp., Su.
	PHYS 2220	Electricity & Magnetism *Pre-reqs: PHYS 1710, 1730* *Co-req: PHYS 2240, MATH 1720*	3	F., Sp., Su.	CSCE 2610	Assembly Lang. & Computer Org. *Pre-reqs: CSCE 2100, Co/Pre-req: EENG 2710*	3	F., Sp., Su.
	PHYS 2240	Electricity & Magnetism Lab *Co/Pre-req: PHYS 2220*	1	F., Sp., Su.	CSCE 3600	Systems Programming *Pre-reqs: CSCE 2100 & CSCE 2110*	3	F., Sp.
	CSCE 2100	Foundations of Computing *Pre-req: CSCE 1040 or CSCE 1045* *Coreq: MATH 1710*	3	F., Sp., Su.	EENG 2610	Circuit Analysis *Pre-req: MATH 1720* *Co/pre-req: PHYS 2220, 2240, EENG 2611*	3	F., Sp., Su.
	EENG 2710	Digital Logic *Co-req: EENG 2711*	3	F., Sp., Su.	EENG 2611	Circuit Analysis Lab *Co/pre-req: EENG 2610*	1	F., Sp., Su.
	EENG 2711	Digital Logic Lab *Co-req: EENG 2710*	1	F., Sp., Su.	Total Hours		13	
	Total Hours		14					

Year Four	MATH 3680	Applied Statistics *Co/Pre-req: MATH 1720*	3	F., Sp.	CSCE 3020	Communications Systems *Pre-req: CSCE 3010*	3	Sp.
	CSCE 3010	Signals and Systems *Pre-reqs: EENG 2610, 2611, MATH 2730 or 3410*	3	F.	CSCE 3610	Intro to Computer Architecture *Pre-reqs: CSCE 2610 and CSCE 3730*	3	Sp.
	CSCE 3730	Reconfigurable Logic *Pre-req: CSCE 2610*	3	F.	CSCE 3612	Embedded Systems *Pre-reqs: CSCE 2610, EENG 2710, 2711*	3	Sp., Su.
	EENG 3510	Electronics I *Pre-req: EENG 2610, 2611*	3	F., Sp.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		12		Total Hours		12	

Year Five	CSCE 4910	Design I *Pre-reqs: CSCE 3612, EENG 3510*	3	F.	CSCE 4010	Social Issues in Computing *Pre-req: CSCE 3600*	3	F., Sp., Su.
	Specialty Area	Options at mydegreeaudit.unt.edu *Must complete pre-reqs*	3	F., Sp.	CSCE 4915	Design II *Pre-req: CSCE 4910*	3	Sp.
	Specialty Area	Options at mydegreeaudit.unt.edu *Must complete pre-reqs*	3	F., Sp.	Specialty Area	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		12		Total Hours		12	

ENGL, TECM, MATH, CHEM, PHYS, EENG, and CSCE 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. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Computer Science

Bachelor of Science (B.S.) degree with a major in Computer Science
Department of Computer Science and Engineering, Discovery Park (NTDP) F-201; (940) 565-2767

University Core

COMMUNICATION

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu
  Grade of "C" or better is required

AMERICAN HISTORY I

- ❑ 1 Course (3 Hours) chosen from HIST 2610 or HIST 2675

AMERICAN HISTORY II

- ❑ 1 Course (3 Hours) chosen from HIST 2620 or HIST 2685

FEDERAL GOVERNMENT/POLITICAL SCIENCE

- ❑ 1 Course (3 Hours) chosen from PSCI 2305 or PSCI 2315

STATE GOVERNMENT/POLITICAL SCIENCE

- ❑ 1 Course (3 Hours) chosen from PSCI 2306 or PSCI 2316

CREATIVE ARTS

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

LANGUAGE, PHILOSOPHY, AND CULTURE

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

SOCIAL AND BEHAVIORAL SCIENCES

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

Major Requirements
Grades of C or better

TECHNICAL COMMUNICATIONS

- ❑ TECM 2700, Technical Writing (3 Hours)
- ❑ 1 Advanced TECM course chosen from:
  TECM 4180, Advanced Technical Writing (3 Hours)
  TECM 4190, Technical Editing (3 Hours)
  TECM 4200, Research Methods (3 Hours)
  TECM 4250, Writing Procedures and Manuals (3 Hours)
  TECM 4700, Writing in the Sciences (3 Hours)

MATHEMATICS

- ❑ MATH 1710, Calculus I (4 Hours)
- ❑ MATH 1720, Calculus II (3 Hours)
- ❑ MATH 2700, Linear Algebra (3 Hours)
- ❑ MATH 1780, Probability Models (3 Hours), or
  MATH 3680, Applied Statistics (3 Hours)

SCIENCES

- ❑ 1 science with lab chosen from list below
- ❑ 1 science with lab chosen from list below

  GEOL 1610, Introduction to Geology (3 Hours)
  GEOG 1710, Earth Science (3 Hours)
  BIOL 1132, Environmental Science (3 Hours)
  BIOL 1710, Biology I (3 Hours) & BIOL 1760, Biology Lab (2 Hours)
  BIOL 1720, Biology II (3 Hours) & BIOL 1760, Biology Lab (2 Hours)
  CHEM 1410 & 1430, General Chemistry I (3 Hours) & Lab (1 Hour)
  CHEM 1420 & 1440, General Chemistry II (3 Hours) & Lab (1 Hour)
  PHYS 1270, Science and Tech of Musical Sound (3 Hours)
  PHYS 1410 & 1430, General Physics I (3 hours) & Lab (1 Hour)
  PHYS 1420 & 1440, General Physics II (3 Hours) & Lab (1 Hour)
  PHYS 1710 & 1730, Mechanics (3 Hours) & Lab (1 Hour)
  PHYS 2220 & 2240, Electricity & Magnetism (3 Hours) & Lab (1 Hour)

Major Requirements
Grades of C or better

ELECTRICAL ENGINEERING

- ❑ EENG 2710, Digital Logic Design (3 Hours)

COMPUTER SCIENCE

- ❑ CSCE 1010, Discovering Computer Science (3 Hours)
- ❑ CSCE 1015, Computing Tools and Techniques (1 Hour)
- ❑ CSCE 1030, Computer Science I (3 Hours)
- ❑ CSCE 1040, Computer Science II (3 Hours)
- ❑ CSCE 2100, Foundations of Computing (3 Hours)
- ❑ CSCE 2110, Foundations of Data Structures (3 Hours)
- ❑ CSCE 2610, Assembly Lang. & Computer Organization (3 Hours)
- ❑ CSCE 3444, Software Engineering (3 Hours)
- ❑ CSCE 3550, Foundations of Computer Security (3 Hours)
- ❑ CSCE 3600, Principles of Systems Programming (3 Hours)
- ❑ CSCE 4010, Social Issues in Computing (3 Hours)
- ❑ CSCE 4110, Algorithms (3 Hours)
- ❑ CSCE 4901, Capstone I (3 Hours)
- ❑ CSCE 4902, Capstone II (3 Hours)

CORE FOCUS COURSES

- ❑ 1 course (3 Hours) required from list below
- ❑ 1 course (3 Hours) required from list below

  CSCE 3530, Introduction to Computer Networks (3 Hours)
  CSCE 4115, Formal Lang., Automata and Compatibility (3 Hours)
  CSCE 4430, Programming Languages (3 Hours)
  CSCE 4600, Introduction to Operating Systems (3 Hours)
  CSCE 4650, Introduction to Compilation Techniques (3 Hours)

BREADTH FOCUS COURSES

- ❑ 1 course (3 Hours) required from list below
- ❑ 1 course (3 Hours) required from list below

  CSCE 4201, Introduction to Artificial Intelligence (3 Hours)
  CSCE 4210, Game Programming I (3 Hours)
  CSCE 4230, Introduction to Computer Graphics (3 Hours)
  CSCE 4240, Introduction to Digital Image Processing (3 Hours)
  CSCE 4290, Introduction to Natural Language Processing (3 Hours)
  CSCE 4350, Fundamentals of Database Systems (3 Hours)
  CSCE 4460, Software Testing and Empirical Methodologies (3 Hours)

ADVANCED CSCE COURSES - STUDENT CHOICE

- ❑ CSCE 3*** or 4*** (3 Hours) course not already applied above
- ❑ CSCE 3*** or 4*** (3 Hours) course not already applied above

  Maximum of 6 hours may be taken from CSCE 4890, 4920, 4930, 4940, 4950

MISC. ELECTIVES

- ❑ 1-4 courses (4-13 Hours) may be required to reach 120 total hours (check with advisor)

This is an unofficial simplified checklist effective fall 2025. Degree requirements may change.
You may need elective courses to help reach a minimum of 120 Total Hours and 42 Advanced Hours. Check with your advisor.

Computer Science – Calculus I

2025-2026 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 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.
	CSCE 1010	Discovering Computer Science	3	F., Sp., Su.	CSCE 1015	Computing Tools & Techniques *Co-req: CSCE 1030 or CSCE 1035*	1	F., Sp., Su
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	CSCE 1030	Computer Science I *Pre-reqs: MATH 1100 & CSCE 1010* *Co-req: CSCE 1015*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	TECM 2700	Technical Writing *Pre-req: Communication Core*	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		16		University Core	Options on mydegreeaudit.unt.edu	3	
					Total Hours		16	
Year Two	MATH 2700	Linear Algebra *Pre-req: MATH 1720*	3	F., Sp., Su.	MATH 1780	Probability Models *Pre-req: MATH 1710*	3	F., Sp., Su.
	CSCE 1040	Computer Science II *Pre-reqs: MATH 1100 & CSCE 1030*	3	F., Sp., Su.	CSCE 2100	Foundations of Computing *Pre-req: CSCE 1040 or CSCE 1045* *Coreq: MATH 1710*	3	F., Sp., Su.
	EENG 2710	Digital Logic Design	3	F., Sp., Su.	CSCE 2110	Foundations of Data Structures *Pre-req: CSCE 1040 or CSCE 1045*	3	F., Sp., Su.
	Science with Lab	Options on mydegreeaudit.unt.edu	3-4	F., Sp., Su.	Science with Lab	Options on mydegreeaudit.unt.edu	3-4	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		15-16		Total Hours		15-16	
Year Three	CSCE 2610	Assembly Lang. & Computer Org. *Pre-reqs: CSCE 2100* *Co/Pre-req: EENG 2710*	3	F., Sp., Su.	CSCE 3550	Foundations of Computer Security *Pre-req/Co-req: CSCE 2110*	3	F., Sp.
	CSCE 3444	Software Engineering *Pre-reqs: CSCE 2110*	3	F., Sp.	CSCE 4110	Analysis of Algorithms *Pre-reqs: CSCE 2110*	3	F., Sp.
	CSCE 3600	Systems Programming *Pre-reqs: CSCE 2100 & CSCE 2110*	3	F., Sp.	CSCE Core	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies
	TECM 4***	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.	CSCE Breadth	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies
	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	
Year Four	CSCE 4901	Capstone I *Pre-reqs: TECM 2700, CSCE 3444*	3	F.	CSCE 4902	Capstone II *Pre-req: CSCE 4901*	3	Sp.
	CSCE 4010	Social Issues *Pre-req: CSCE 3600*	3	F., Sp., Su.	CSCE Option	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies
	CSCE Core	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies	CSCE Option	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies
	CSCE Breadth	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies	Misc. Elective	Misc. Elective to reach 120 hours (if needed)	3	F., Sp., Su.
	Misc. Elective	Misc. Elective to reach 120 hours (if needed)	3	F., Sp., Su.	Misc. Elective	Misc. Elective to reach 120 hours (if needed)	1	F., Sp., Su.
	Total Hours		15		Total Hours		13	

ENGL, TECM, MATH, BIOL, CHEM, GEOG, GEOL, PHYS, 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 mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Computer Science – Pre-Calculus

2025-2026 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 *Pre-req: MATH 1100 or Test Placement*	5	F., Sp., Su.	MATH 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.
	CSCE 1010	Discovering Computer Science	3	F., Sp., Su.	CSCE 1015	Computing Tools & Techniques *Co-req: CSCE 1030 or CSCE 1035*	1	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	CSCE 1030	Computer Science I *Pre-reqs: MATH 1100 & CSCE 1010* *Co-req: CSCE 1015*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	TECM 2700	Technical Writing *Pre-req: Communication Core*	3	F., Sp., Su.
	Comm. Core	Options on mydegreeaudit.unt.edu	3	F., Sp.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		15		Total Hours		14	
Year Two	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.	MATH 1780	Probability Models *Pre-req: MATH 1710*	3	F., Sp., Su.
	CSCE 1040	Computer Science II *Pre-reqs: MATH 1100 & CSCE 1030*	3	F., Sp., Su.	CSCE 2100	Foundations of Computing *Pre-req: CSCE 1040 or CSCE 1045* *Coreq: MATH 1710*	3	F., Sp., Su.
	EENG 2710	Digital Logic Design	3	F., Sp., Su.	CSCE 2110	Foundations of Data Structures *Pre-req: CSCE 1040 or CSCE 1045*	3	F., Sp., Su.
	Science with Lab	Options on mydegreeaudit.unt.edu	3-4	F., Sp., Su.	Science with Lab	Options on mydegreeaudit.unt.edu	3-4	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		15-16		Total Hours		15-16	
Year Three	MATH 2700	Linear Algebra *Pre-req: MATH 1720*	3	F., Sp., Su.	CSCE 3550	Foundations of Computer Security *Pre-req/Co-req: CSCE 2110*	3	F., Sp.
	CSCE 2610	Assembly Lang. & Computer Org. *Pre-reqs: CSCE 2100, Co/Pre-req: EENG 2710*	3	F., Sp.	CSCE 4110	Analysis of Algorithms *Pre-req: CSCE 2110*	3	F., Sp., Su.
	CSCE 3444	Software Engineering *Pre-req: CSCE 2110*	3	F., Sp.	CSCE Core	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies
	CSCE 3600	Systems Programming *Pre-reqs: CSCE 2100 & CSCE 2110*	3	F., Sp.	TECM 4***	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 4901	Capstone I *Pre-reqs: TECM 2700, CSCE 3444*	3	F.	CSCE 4902	Capstone II *Pre-req: CSCE 4901*	3	Sp.
	CSCE 4010	Social Issues *Pre-req: CSCE 3600*	3	F., Sp., Su.	CSCE Breadth	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies
	CSCE Core	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies	CSCE Option	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies
	CSCE Breadth	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies	CSCE Option	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies
	Misc. Elective	Misc. Elective to reach 120 hours (if needed)	3	F., Sp., Su.	Misc. Elective	Misc. Elective to reach 120 hours (if needed)	3	F., Sp., Su.
	Misc. Elective	Misc. Elective to reach 120 hours (if needed)	1	F., Sp., Su.	Total Hours		15	
	Total Hours		16					

ENGL, TECM, MATH, BIOL, CHEM, GEOG, GEOL, PHYS, 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 mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Computer Science – College Algebra

2025-2026 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 1100	College Algebra *Pre-req: TSI Completion*	3	F., Sp., Su.	MATH 1650	Pre-Calculus *Pre-req: MATH 1100 or Test Placement*	5	F., Sp., Su.
	CSCE 1010	Discovering Computer Science	3	F., Sp., Su.	CSCE 1015	Computing Tools & Techniques *Co-req: CSCE 1030 or CSCE 1035*	1	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	CSCE 1030	Computer Science I *Pre-reqs: MATH 1100 & CSCE 1010* *Co-req: CSCE 1015*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	TECM 2700	Technical Writing *Pre-req: Communication Core*	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		Total Hours		15	

Year Two	MATH 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.
	CSCE 1040	Computer Science II *Pre-reqs: MATH 1100 & CSCE 1030*	3	F., Sp., Su.	CSCE 2100	Foundations of Computing *Pre-req: CSCE 1040 or CSCE 1045* *Coreq: MATH 1710*	3	F., Sp., Su.
	Science with Lab	Options on mydegreeaudit.unt.edu	3-4	F., Sp., Su.	CSCE 2110	Foundations of Data Structures *Pre-req: CSCE 1040 or CSCE 1045*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	Science with Lab	Options on mydegreeaudit.unt.edu	3-4	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		16-17		Total Hours		15-16	

Year Three	MATH 2700	Linear Algebra *Pre-req: MATH 1720*	3	F., Sp., Su.	MATH 1780	Probability Models *Pre-reqs: MATH 1710*	3	F., Sp., Su.
	CSCE 3444	Software Engineering *Pre-req: CSCE 2110*	3	F., Sp.	CSCE 2610	Assembly Lang. & Computer Org. *Pre-reqs: CSCE 2100, Co/Pre-req: EENG 2710*	3	F., Sp., Su.
	CSCE 3600	Systems Programming *Pre-reqs: CSCE 2100 & CSCE 2110*	3	F., Sp., Su.	CSCE 3550	Foundations of Computer Security *Pre-req/Co-req: CSCE 2110*	3	F., Sp.
	EENG 2710	Digital Logic Design	3	F., Sp.	CSCE 4110	Analysis of Algorithms *Pre-req: CSCE 2110*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	TECM 4***	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.
	Total Hours		15		Total Hours		15	

Year Four	CSCE 4901	Capstone I *Pre-reqs: TECM 2700, CSCE 3444*	3	F.	CSCE 4902	Capstone II *Pre-req: CSCE 4901*	3	Sp.
	CSCE 4010	Social Issues *Pre-req: CSCE 3600*	3	F., Sp., Su.	CSCE Breadth	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies
	CSCE Core	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies	CSCE Option	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies
	CSCE Core	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies	CSCE Option	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies
	CSCE Breadth	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies	Misc. Elective	Misc. Elective to reach 120 hours (if needed)	3	Varies
	Total Hours		15		Total Hours		15	

ENGL, TECM, MATH, BIOL, CHEM, GEOG, GEOL, PHYS, 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 mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Construction Engineering Technology

Bachelor of Science in Engineering Technology (B.S.E.T) degree with a major in Construction Engineering Technology
Department of Mechanical Engineering, Discovery Park (NTDP) F-115; (940) 565-2400

University Core

COMMUNICATION

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu
  Grade of "C" or better is required

AMERICAN HISTORY I

- ❑ 1 Course (3 Hours) chosen from HIST 2610 or HIST 2675

AMERICAN HISTORY II

- ❑ 1 Course (3 Hours) chosen from HIST 2620 or HIST 2685

FEDERAL GOVERNMENT/POLITICAL SCIENCE

- ❑ 1 Course (3 Hours) chosen from PSCI 2305 or PSCI 2315

STATE GOVERNMENT/POLITICAL SCIENCE

- ❑ 1 Course (3 Hours) chosen from PSCI 2306 or PSCI 2316

CREATIVE ARTS

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

LANGUAGE, PHILOSOPHY, AND CULTURE

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

SOCIAL AND BEHAVIORAL SCIENCES

- ❑ ECON 1100 (3 Hours) – see mydegreeaudit.unt.edu

Major Requirements
Grades of C or better

TECHNICAL COMMUNICATIONS

- ❑ TECM 2700, Technical Writing (3 Hours)

MATHEMATICS

- ❑ MATH 1710, Calculus I (4 Hours)
- ❑ MATH 1720, Calculus II (3 Hours)

SCIENCES

- ❑ PHYS 1710, Mechanics (3 Hours) &
  PHYS 1730 Mechanics Lab (1 Hour)
- ❑ PHYS 2220, Electricity & Magnetism (3 Hours) &
  PHYS 2240, Electricity & Magnetism Lab (1 Hour)
- ❑ CHEM 1410, General Chemistry I (3 Hours) &
  CHEM 1430, General Chemistry I Lab (1 Hour)

Major Requirements
Grades of C or better

CONSTRUCTION ENGINEERING TECHNOLOGY

- ❑ CNET 1160, Construction Methods and Materials (3 Hours)
- ❑ CNET 2180, Building Construction Techniques (3 Hours)
- ❑ CNET 2300, Construction Graphics and Modeling (3 Hours)
- ❑ CNET 3150, Construction Contract Documents (3 Hours)
- ❑ CNET 3160, Construction Cost Estimating (3 Hours)
- ❑ CNET 3190, Construction Scheduling (3 Hours)
- ❑ CNET 3410, Occupational Safety and Liability (3 Hours)
- ❑ CNET 3430, Structural Analysis (3 Hours)
- ❑ CNET 3440, Steel Structures (3 Hours)
- ❑ CNET 3460, Soils and Foundations (3 Hours)
- ❑ CNET 3480, Structural Design with Concrete, Timber, etc. (3 Hours)
- ❑ CNET 4170, Construction Management (3 Hours)
- ❑ CNET 4180, Problems in Project Management (3 Hours)
- ❑ CNET 4190, Quality Management in Construction (3 Hours)
- ❑ CNET 4620, Adv. Design in Cold-Formed Steel Structures (3 Hours)
- ❑ CNET 4780, Senior Design I (1 Hour)
- ❑ CNET 4790, Senior Design II (3 Hours)

- ❑ ENGR 1030, Technical Systems (3 Hours)
- ❑ ENGR 2301, Statics (3 Hours)
- ❑ ENGR 2332, Mechanics of Materials (3 Hours)

BUSINESS

- ❑ ACCT 2010, Accounting Principles I (3 Hours)
- ❑ BLAW 3430, Legal and Ethical Environment of Business (3 Hours)
- ❑ BLAW 4770, Real Estate Law and Contracts (3 Hours)
- ❑ ECON 1100, Microeconomics (3 Hours)
- ❑ DSCI 2710, Data Analysis with Spreadsheets (3 Hours)

TECHNICAL COURSES

- ❑ 1 – 2 courses (4 Hours) pre-approved by your advisor chosen from business, engineering, mathematics, and/or science courses. Check with your advisor for appropriate options.

MISC. ELECTIVES

- ❑ 1 course (3 Hours) may be required to reach 123 total hours (check with your advisor)

This is an unofficial simplified checklist effective fall 2025. Degree requirements may change.
You may need elective courses to help reach a minimum of 123 Total Hours and 42 Advanced Hours. Check with your advisor.

Construction Engineering Technology – Calculus I

2025-2026 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 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.
	CHEM 1410	General Chemistry I *Pre-req: MATH 1100 or higher*	3	F., Sp., Su.	PHYS 1710	Mechanics *Pre-req: MATH 1710*	3	F., Sp., Su.
	CHEM 1430	General Chemistry I Lab *Co/Pre-req: CHEM 1410*	1	F., Sp., Su.	PHYS 1730	Mechanics Lab *Co/Pre-req: PHYS 1710*	1	F., Sp., Su.
	CNET 1160	Construction Methods and Materials	3	F., Sp.	CNET 2180	Building Construction Techniques *Pre-req: CNET 1160*	3	F., Sp.
	ENGR 1030	Technological Systems	3	F., Sp.	TECM 2700	Technical Writing *Pre-req: Communication Core*	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		17		Total Hours		16	
Year Two	PHYS 2220	Electricity and Magnetism *Pre-reqs: PHYS 1710, 1730* *Co-req MATH 1720*	3	F., Sp., Su.	ACCT 2010	Accounting Principles I *Pre-req: MATH 1100 or higher* *Coreq: ECON 1100*	3	F., Sp., Su.
	PHYS 2240	Electricity and Magnetism Lab *Co-req/pre-req: PHYS 2220*	1	F., Sp., Su.	ENGR 2332	Mechanics and Materials *Pre-req: ENGR 2301*	3	F., Sp. Su.
	CNET 2300	Construction Graphics and Modeling	3	F., Sp.	DSCI 2710	Data Analysis with Spreadsheets *Pre-req: College Math Readiness*	3	F., Sp., Su.
	ENGR 2301	Statics *Pre-reqs: PHYS 1710, 1730*	3	F., Sp., Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	ECON 1100	Microeconomics *Fulfills Social and Behavioral Science Core*	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	CNET 3150	Construction Contract Documents *Pre-req: CNET 2180*	3	F.	CNET 3190	Construction Scheduling *Pre-req: CNET 2180*	3	Sp.
	CNET 3160	Construction Cost Estimating *Pre-req: CNET 2180*	3	F.	CNET 3440	Steel Structures *Pre-req: CNET 3430*	3	Sp.
	CNET 3430	Structural Analysis *Pre-req: ENGR 2332*	3	F.	CNET 3460	Soils and Foundations *Pre-req: CNET 2180, ENGR 2332*	3	Sp.
	BLAW 3430	Legal and Ethical Environment of BUSI *Pre-req: PSCI 2305, 2306*	3	F., Sp., Su.	CNET 3410	Occupational Safety and Liability	3	Sp.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	CNET 4190	Quality Management in Construction *Pre-req: CNET 2180*	3	Sp.
	Total Hours		15		Total Hours		15	
Year Four	CNET 3480	Structural Design with Concrete, Timber, etc. *Pre-req: CNET 2180, 3430*	3	F.	CNET 4180	Problems in Project Management *Pre-req: CNET 4170*	3	Sp.
	CNET 4170	Construction Management *Pre-req: CNET 3160*	3	F.	CNET 4620	Adv. Design in Cold-Formed Steel Struc. *Pre-req: CNET 3430*	3	Sp.
	CNET 4780	Senior Design I *Pre-req: Senior Class., CNET 3190, 3440, 3460*	1	F.	CNET 4790	Senior Design II *Pre-req: CNET 4780*	3	Sp.
	BLAW 4770	Real Estate Law and Contracts	3	F., Sp.	Technical Course	Options at mydegreeaudit.unt.edu Must complete pre-reqs	4	Varies
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	MISC Elective	MISC. Elective to reach 123 Hours (If needed)	3	F., Sp., Su.
	Total Hours		13		Total Hours		16	

ENGL, TECM, MATH, CHEM, PHYS, ENGR, CNET, and Business Courses require a minimum grade of "C" for completion and/or prerequisites. This is an unofficial sample schedule. Requirements, prerequisites, corequisites, and term offerings may change. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Construction Engineering Technology – Pre-Calculus

2025-2026 Catalog: Sample Five-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 *Pre-req: MATH 1100 or Test Placement*	5	F., Sp., Su.	MATH 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.
	CNET 1160	Construction Methods and Materials	3	F., Sp.	CNET 2180	Building Construction Techniques *Pre-req: CNET 1160*	3	F., Sp.
	ENGR 1030	Technological Systems	3	F., Sp.	CHEM 1410	General Chemistry I *Pre-req: MATH 1100 or higher*	3	F., Sp., Su.
	Comm. Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	CHEM 1430	General Chemistry I Lab *Co/Pre-req: CHEM 1410*	1	F., Sp., Su.
	Total Hours		14		TECM 2700	Technical Writing *Pre-req: Communication Core*	3	F., Sp., Su.
					Total Hours		14	
Year Two	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.	ENGR 2301	Statics *Pre-reqs: PHYS 1710, 1730*	3	F., Sp., Su.
	PHYS 1710	Mechanics *Pre-req: MATH 1710*	3	F., Sp., Su.	PHYS 2220	Electricity and Magnetism *Pre-reqs: PHYS 1710, 1730* *Co-req: MATH 1720*	3	F., Sp., Su.
	PHYS 1730	Mechanics Lab *Co/Pre-req: PHYS 1710*	1	F.	PHYS 2240	Electricity and Magnetism Lab *Co-req/pre-req: PHYS 2220*	1	F., Sp., Su.
	CNET 2300	Construction Graphics and Modeling	3	F., Sp.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	ECON 1100	Microeconomics *Fulfills Social and Behavioral Science Core*	3	F., Sp., Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		13		Total Hours		13	
Year Three	ENGR 2332	Mechanics and Materials *Pre-req: ENGR 2301*	3	F., Sp., Su.	DSCI 2710	Data Analysis with Spreadsheets *Pre-req: College Math Readiness*	3	F., Sp.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	CNET 3410	Occupational Safety and Liability	3	Sp.
	ACCT 2010	Accounting Principles I *Pre-req: MATH 1100 or higher* *Coreq: ECON 1100*	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		12		Total Hours		12	
Year Four	CNET 3150	Construction Contract Documents *Pre-req: CNET 2180*	3	F.	CNET 3190	Construction Scheduling *Pre-req: CNET 2180*	3	Sp.
	CNET 3160	Construction Cost Estimating *Pre-req: CNET 2180*	3	F.	CNET 3440	Steel Structures *Pre-req: CNET 3430*	3	Sp.
	CNET 3430	Structural Analysis *Pre-req: ENGR 2332*	3	F.	CNET 3460	Soils and Foundations *Pre-req: CNET 2180, ENGR 2332*	3	Sp.
	BLAW 3430	Legal and Ethical Environment of BUSI *Pre-req: PSCI 2305, 2306*	3	F., Sp.	Technical Course	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies
	Total Hours		12		Total Hours		12	
Year Five	CNET 3480	Structural Design with Concrete, Timber, etc. *Pre-req: CNET 2180, 3430*	3	F.	CNET 4180	Problems in Project Management *Pre-req: CNET 4170*	3	Sp.
	CNET 4170	Construction Management *Pre-req: CNET 3160*	3	F.	CNET 4190	Quality Management in Construction *Pre-req: CNET 2180*	3	Sp.
	CNET 4780	Senior Design I *Pre-req: Senior Class., CNET 3190, 3440, 3460*	1	F.	CNET 4620	Adv. Design in Cold-Formed Steel Struc. *Pre-req: CNET 3430*	3	Sp.
	BLAW 4770	Real Estate Law and Contracts	3	F., Sp.	CNET 4790	Senior Design II *Pre-req: CNET 4780*	3	Sp.
	MISC Elective	MISC. Elective to reach 123 Hours (If needed)	3	Varies	Total Hours		12	
	Total Hours		13					

ENGL, TECM, MATH, CHEM, PHYS, ENGR, CNET, and Business Courses require a 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 mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Construction Engineering Technology – College Algebra

2025-2026 Catalog: Sample Five-Year Schedule

	Fall Semester	Course Title	Credit Hours	Term(s) Offered	Spring Semester	Course Title	Credit Hours	Term(s) Offered
Year One	MATH 1100	College Algebra *Pre-req: TSI Completion*	3	F., Sp., Su.	MATH 1650	Pre-Calculus *Pre-req: MATH 1100 or Test Placement*	5	F., Sp., Su.
	CNET 1160	Construction Methods and Materials	3	F., Sp.	CNET 2180	Building Construction Techniques *Pre-req: CNET 1160*	3	F., Sp.
	ENGR 1030	Technological Systems	3	F., Sp.	CHEM 1410	General Chemistry I *Pre-req: MATH 1100 or higher*	3	F., Sp., Su.
	Comm. Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	CHEM 1430	General Chemistry I Lab *Co/Pre-req: CHEM 1410*	1	F., Sp., Su.
	Total Hours		12		Total Hours		12	
Year Two	MATH 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.
	CNET 2300	Construction Graphics and Modeling	3	F., Sp.	PHYS 1710	Mechanics *Pre-req: MATH 1710*	3	Sp.
	TECM 2700	Technical Writing *Pre-req: Communication Core*	3	F., Sp.	PHYS 1730	Mechanics Lab *Co/Pre-req: PHYS 1710*	1	F., Sp., Su.
	ECON 1100	Microeconomics *Fulfills Social and Behavioral Science Core*	3	F., Sp., Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		13		University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
					Total Hours		13	
Year Three	ENGR 2301	Statics *Pre-reqs: PHYS 1710, 1730*	3	F., Sp., Su.	ENGR 2332	Mechanics and Materials *Pre-req: ENGR 2301*	3	F., Sp., Su.
	PHYS 2220	Electricity and Magnetism *Pre-reqs: PHYS 1710, 1730* *Co-req: MATH 1720*	3	F., Sp., Su.	ACCT 2010	Accounting Principles I *Pre-req: MATH 1100 or higher* *Coreq: ECON 1100*	3	F., Sp., Su.
	PHYS 2240	Electricity and Magnetism Lab *Co-req/pre-req: PHYS 2220*	1	F., Sp., Su.	CNET 3410	Occupational Safety and Liability	3	Sp.
	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		12	
	Total Hours		13					
Year Four	CNET 3150	Construction Contract Documents *Pre-req: CNET 2180*	3	F.	CNET 3190	Construction Scheduling *Pre-req: CNET 2180*	3	Sp.
	CNET 3160	Construction Cost Estimating *Pre-req: CNET 2180*	3	F.	CNET 3440	Steel Structures *Pre-req: CNET 3430*	3	Sp.
	CNET 3430	Structural Analysis *Pre-req: ENGR 2332*	3	F.	CNET 3460	Soils and Foundations *Pre-req: CNET 2180, ENGR 2332*	3	Sp.
	BLAW 3430	Legal and Ethical Environment of BUSI *Pre-req: PSCI 2305, 2306*	3	F., Sp., Su.	DSCI 2710	Data Analysis with Spreadsheets *Pre-req: College Math Readiness*	3	F., Sp.
	Total Hours		13		Total Hours		12	
Year Five	CNET 3480	Structural Design with Concrete, Timber, etc. *Pre-req: CNET 2180, 3430*	3	F.	CNET 4180	Problems in Project Management *Pre-req: CNET 4170*	3	Sp.
	CNET 4170	Construction Management *Pre-req: CNET 3160*	3	F.	CNET 4190	Quality Management in Construction *Pre-req: CNET 2180*	3	Sp.
	CNET 4780	Senior Design I *Pre-req: Senior Class., CNET 3190, 3440, 3460*	1	F.	CNET 4620	Adv. Design in Cold-Formed Steel Struc. *Pre-req: CNET 3430*	3	Sp.
	BLAW 4770	Real Estate Law and Contracts	3	F., Sp.	CNET 4790	Senior Design II *Pre-req: CNET 4780*	3	Sp.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	Total Hours		12	
	Total Hours		13					

ENGL, TECM, MATH, CHEM, PHYS, ENGR, CNET, and Business Courses require a 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 mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Construction Management

Bachelor of Science (B.S) degree with a major in Construction Management
Department of Mechanical Engineering, Discovery Park (NTDP) F-115; (940) 565-2400

University Core

COMMUNICATION

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu
  Grade of "C" or better is required

AMERICAN HISTORY I

- ❑ 1 Course (3 Hours) chosen from HIST 2610 or HIST 2675

AMERICAN HISTORY II

- ❑ 1 Course (3 Hours) chosen from HIST 2620 or HIST 2685

FEDERAL GOVERNMENT/POLITICAL SCIENCE

- ❑ 1 Course (3 Hours) chosen from PSCI 2305 or PSCI 2315

STATE GOVERNMENT/POLITICAL SCIENCE

- ❑ 1 Course (3 Hours) chosen from PSCI 2306 or PSCI 2316

CREATIVE ARTS

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

LANGUAGE, PHILOSOPHY, AND CULTURE

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

SOCIAL AND BEHAVIORAL SCIENCES

- ❑ ECON 1100 (3 Hours) – see mydegreeaudit.unt.edu

Major Requirements
Grades of C or better

WRITING/TECHNICAL COMMUNICATIONS

- ❑ 1 course chosen from list options below
  TECM 2700, Technical Writing (3 Hours)
  ENGL 1320, First-Year English Writing II (3 Hours)
  ENGL 1321, Honors Frist-Year Writing II (3 Hours)

MATHEMATICS

- ❑ MATH 1710, Calculus I (4 Hours) or
  MATH 1190, Business Calculus (3 Hours)

SCIENCES

- ❑ PHYS 1410, General Physics I (3 Hours) &
  PHYS 1430, General Physics I Lab (1 Hour)
  or
  PHYS 1710, Mechanics (3 Hours) &
  PHYS 1730 Mechanics Lab (1 Hour)
- ❑ PHYS 1420, General Physics II (3 Hours) &
  PHYS 1440, General Physics II Lab (1 Hour)
  or
  PHYS 2220, Electricity & Magnetism (3 Hours) &
  PHYS 2240, Electricity & Magnetism Lab (1 Hour)

Major Requirements
Grades of C or better

CONSTRUCTION MANAGEMENT

- ❑ CNET 1160, Construction Methods and Materials (3 Hours)
- ❑ CNET 2180, Building Construction Techniques (3 Hours)
- ❑ CNET 2200, Surveying for Construction (3 Hours)
- ❑ CNET 2300, Construction Graphics and Modeling (3 Hours)
- ❑ CNET 3150, Construction Contract Documents (3 Hours)
- ❑ CNET 3160, Construction Cost Estimating (3 Hours)
- ❑ CNET 3190, Construction Scheduling (3 Hours)
- ❑ CNET 3410, Occupational Safety and Liability (3 Hours)
- ❑ CNET 3435, Structural Analysis (3 Hours)
- ❑ CNET 3445, Steel Structures (3 Hours)
- ❑ CNET 3465, Soils and Foundations (3 Hours)
- ❑ CNET 3485, Structural Design with Concrete, Timber, etc. (3 Hours)
- ❑ CNET 4170, Construction Management (3 Hours)
- ❑ CNET 4180, Problems in Project Management (3 Hours)
- ❑ CNET 4190, Quality Management in Construction (3 Hours)
- ❑ CNET 4630, Construction Management for MEP Systems (3 Hours)
- ❑ CNET 4785, Senior Design I (1 Hour)
- ❑ CNET 4795, Senior Design II (3 Hours)
- ❑ CNET 4920, Cooperative Education Internship (1 Hour)

- ❑ ENGR 1030, Technical Systems (3 Hours)
- ❑ ENGR 2304, Statics and Strengths of Materials (3 Hours)

BUSINESS

- ❑ ACCT 2010, Accounting Principles I (3 Hours)
- ❑ BLAW 3430, Legal and Ethical Environment of Business (3 Hours)
- ❑ BLAW 4770, Real Estate Law and Contracts (3 Hours)
- ❑ ECON 1100, Principles of Microeconomics (3 Hours)
- ❑ MGMT 3820, Management Concepts (3 Hours)
- ❑ MGMT 3850, Foundations of Entrepreneurship (3 Hours)

TECHNICAL COURSE

- ❑ 1 course (3 Hours) pre-approved by your advisor chosen from business, engineering, mathematics, and/or science courses. Check with your advisor for appropriate options.

MISC. ELECTIVES

- ❑ 1-2 courses (3-6 Hours) may be required to reach 120 total hours (check with your advisor).

COMPONENT AREA

- ❑ 1 course (3 Hours) may be required to fulfill the Component Area Core. Course options listed in mydegreeaudit.unt.edu.

This is an unofficial simplified checklist effective fall 2025. Degree requirements may change.
You may need elective courses to help reach a minimum of 120 Total Hours and 42 Advanced Hours. Please check with your advisor.

Construction Management – Business Calculus

2025-2026 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 1190	Business Calculus *Pre-req: MATH 1100 or MATH 1180 or Test Placement 2*	3	F., Sp., Su.	PHYS 1420	General Physics II *Pre-req: PHYS 1410*	3	F., Sp., Su.
	PHYS 1410	General Physics I *Pre-req: MATH 1100 or higher*	3	F., Sp., Su.	PHYS 1440	General Physics II Lab *Co/Pre-req: PHYS 1420*	1	F., Sp., Su.
	PHYS 1430	General Physics I Lab *Co/Pre-req: PHYS 1410*	1	F., Sp., Su.	CNET 2180	Building Construction Techniques *Pre-req: CNET 1160*	3	F., Sp.
	CNET 1160	Construction Methods and Materials	3	F., Sp.	TECM 2700	Technical Writing *Pre-req: Communication Core*	3	F., Sp., Su.
	ENGR 1030	Technological Systems	3	F., Sp.	ECON 1100	Microeconomics *Fulfills Social and Behavioral Science Core*	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		16		Total Hours		16	
Year Two	CNET 2300	Construction Graphics and Modeling	3	F., Sp.	CNET 2200	Surveying for Construction	3	Sp.
	ENGR 2304	Statics and Strength of Materials *Pre-reqs: MATH 1190, PHYS 1410*	3	F., Sp.	MGMT 3850	Foundations of Entrepreneurship	3	F., Sp., Su.
	MGMT 3820	Management Concepts	3	F., Sp., Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	ACCT 2010	Accounting Principles I *Pre-req: MATH 1100 or higher* *Coreq: ECON 1100*	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		15	
Year Three	CNET 3150	Construction Contract Documents *Pre-req: CNET 2180*	3	F.	CNET 3190	Construction Scheduling *Pre-req: CNET 2180*	3	Sp.
	CNET 3160	Construction Cost Estimating *Pre-req: CNET 2180*	3	F.	CNET 3410	Occupational Safety and Liability	3	Sp.
	CNET 3435	Structural Analysis *Pre-req: ENGR 2304*	3	F.	CNET 3445	Steel Structures *Pre-req: CNET 3435*	3	Sp.
	BLAW 3430	Legal and Ethical Environment of Busi. *Pre-req: PSCI 2305, 2306*	3	F., Sp., Su.	CNET 3465	Soils and Foundations *Pre-req: CNET 2180, ENGR 2304*	3	Sp.
	University Core	Options at mydegreeaudit.unt.edu	3	F., Sp., Su.	BLAW 4770	Real Estate Law and Contracts	3	F., S.
	Total Hours		15		Total Hours		15	
Year Four	CNET 3485	Structural Design w/ Concrete, Timber *Pre-req: CNET 2180, 3435*	3	F.	CNET 4180	Problems in Project Management *Pre-req: CNET 4170*	3	Sp.
	CNET 4170	Construction Management *Pre-req: CNET 3160*	3	F.	CNET 4190	Quality Management in Construct. *Pre-req: CNET 2180*	3	Sp.
	CNET 4785	Senior Design I *Pre-req: Senior Class., CNET 3190, 3445, 3465*	1	F.	CNET 4795	Senior Design II *Pre-req: CNET 4785*	3	Sp.
	CNET 4630	Construct. Mgmt. for MEP Systems *Pre-req: CNET 2180*	3	F.	CNET 4920	Cooperative Education Internship Pre-req: Department Consent	1	F., Sp., Su.
	Technical Course	Options at mydegreeaudit.unt.edu *Must complete pre-reqs*	3	F., Sp., Su	Misc. Elective	MISC. Elective to reach 120 Hours (If needed)	3	F., Sp., Su.
	Misc. Elective	MISC. Elective to reach 120 Hours (If needed)	3	F., Sp., Su.	Comp. Area	Component Area Core (if needed) Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		16		Total Hours		13	

ENGL, TECM, MATH, PHYS, ENGR, CNET, and Business Courses require a 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 mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Construction Management – College Algebra

2025-2026 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 1100	College Algebra *Pre-req: TSI Completion*	3	F., Sp., Su.	MATH 1190	Business Calculus *Pre-req: MATH 1100 or MATH 1180 or Test Placement 2*	3	F., Sp., Su.
	CNET 1160	Construction Methods and Materials	3	F., Sp.	CNET 2180	Building Construction Techniques *Pre-req: CNET 1160*	3	F., Sp.
	ENGR 1030	Technological Systems	3	F., Sp.	PHYS 1410	General Physics I *Pre-req: MATH 1100 or higher*	3	F., Sp., Su.
	Comm. Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su	PHYS 1430	General Physics I Lab *Co/Pre-req: PHYS 1410*	1	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp.	TECM 2700	Technical Writing *Pre-req: Communication Core*	3	F., Sp., Su.
	Total Hours		15		ECON 1100	Microeconomics *Fulfills Social and Behavioral Science Core*	3	F., Sp. Su.
					Total Hours		16	
Year Two	CNET 2300	Construction Graphics and Modeling	3	F., Sp.	CNET 2200	Surveying for Construction	3	Sp.
	ENGR 2304	Statics and Strength of Materials *Pre-reqs: MATH 1190, PHYS 1410*	3	F., Sp.	MGMT 3820	Management Concepts	3	F., Sp., Su.
	PHYS 1420	General Physics II *Pre-req: PHYS 1410*	3	F., Sp., Su.	MGMT 3850	Foundations of Entrepreneurship	3	F., Sp., Su.
	PHYS 1440	General Physics II Lab *Co/Pre-req: PHYS 1420*	1	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.	ACCT 2010	Accounting Principles I *Pre-req: MATH 1100 or higher* *Coreq: ECON 1100*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	Total Hours		15	
	Total Hours		16					
Year Three	CNET 3150	Construction Contract Documents *Pre-req: CNET 2180*	3	F.	CNET 3190	Construction Scheduling *Pre-req: CNET 2180*	3	Sp.
	CNET 3160	Construction Cost Estimating *Pre-req: CNET 2180*	3	F.	CNET 3410	Occupational Safety and Liability	3	Sp.
	CNET 3435	Structural Analysis *Pre-req: ENGR 2304*	3	F.	CNET 3445	Steel Structures *Pre-req: CNET 3435*	3	Sp.
	BLAW 3430	Legal and Ethical Environment of Busi. *Pre-req: PSCI 2305, 2306*	3	F., Sp., Su.	CNET 3465	Soils and Foundations *Pre-req: CNET 2180, ENGR 2304*	3	Sp.
	Technical Course	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies	CNET 4190	Quality Management in Construct. *Pre-req: CNET 2180*	3	Sp.
	Total Hours		15		Total Hours		15	
Year Four	CNET 3485	Structural Design w/ Concrete, Timber *Pre-req: CNET 2180, 3430*	3	F.	CNET 4180	Problems in Project Management *Pre-req: CNET 4170*	3	Sp.
	CNET 4170	Construction Management *Pre-req: CNET 3160*	3	F.	CNET 4795	Senior Design II *Pre-req: CNET 4785*	3	Sp.
	CNET 4785	Senior Design I *Pre-req: Senior Class., CNET 3190, 3445, 3465*	1	F.	CNET 4920	Cooperative Education Internship Pre-req: Department Consent	1	F., Sp., Su.
	CNET 4630	Construct. Mgmt. for MEP Systems *Pre-req: CNET 2180*	3	F.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	BLAW 4770	Real Estate Law and Contracts	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.	Comp. Area	Component Area Core (if needed) Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		16		Total Hours		16	

ENGL, TECM, MATH, PHYS, ENGR, CNET, and Business Courses require a 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 mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Cybersecurity

Bachelor of Science (B.S.) degree with a major in Cybersecurity
Department of Computer Science and Engineering, Discovery Park (NTDP) F-201; (940) 565-2767

University Core

COMMUNICATION

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu
  Grade of "C" or better is required

AMERICAN HISTORY I

- ❑ 1 Course (3 Hours) chosen from HIST 2610 or HIST 2675

AMERICAN HISTORY II

- ❑ 1 Course (3 Hours) chosen from HIST 2620 or HIST 2685

FEDERAL GOVERNMENT/POLITICAL SCIENCE

- ❑ 1 Course (3 Hours) chosen from PSCI 2305 or PSCI 2315

STATE GOVERNMENT/POLITICAL SCIENCE

- ❑ 1 Course (3 Hours) chosen from PSCI 2306 or PSCI 2316

CREATIVE ARTS

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

LANGUAGE, PHILOSOPHY, AND CULTURE

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

SOCIAL AND BEHAVIORAL SCIENCES

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

Major Requirements
Grades of C or better

TECHNICAL COMMUNICATIONS

- ❑ TECM 2700, Technical Writing (3 Hours)

MATHEMATICS

- ❑ MATH 1710, Calculus I (4 Hours)
- ❑ MATH 1720, Calculus II (3 Hours)
- ❑ MATH 2700, Linear Algebra (3 Hours)
- ❑ MATH 3680, Applied Statistics (3 Hours)

SCIENCES

- ❑ 1 science with lab chosen from list below
- ❑ 1 science with lab chosen from list below

GEOL 1610, Introduction to Geology (3 Hours)
GEOG 1710, Earth Science (3 Hours)
BIOL 1132, Environmental Science (3 Hours)
BIOL 1710, Biology I (3 Hours) & BIOL 1760, Biology Lab (2 Hours)
BIOL 1720, Biology II (3 Hours) & BIOL 1760, Biology Lab (2 Hours)
BIOL 2301 & 2311, Anatomy/Physiology I (3 Hours) & Lab (1 Hour)
BIOL 2302 & 2312, Anatomy/Physiology II (3 Hours) & Lab (1 Hour)
CHEM 1410 & 1430, General Chemistry I (3 Hours) & Lab (1 Hour)
CHEM 1420 & 1440, General Chemistry II (3 Hours) & Lab (1 Hour)
PHYS 1270, Science and Tech of Musical Sound (3 Hours)
PHYS 1410 & 1430, General Physics I (3 hours) & Lab (1 Hour)
PHYS 1420 & 1440, General Physics II (3 Hours) & Lab (1 Hour)
PHYS 1710 & 1730, Mechanics (3 Hours) & Lab (1 Hour)
PHYS 2220 & 2240, Electricity & Magnetism (3 Hours) & Lab (1 Hour)

Major Requirements
Grades of C or better

CYBERSECURITY

- ❑ CSCE 1010, Discovering Computer Science (3 hours)
- ❑ CSCE 1015, Computing Tools and Techniques (1 hour)
- ❑ CSCE 1035, Computer Programming I (3 Hours)
- ❑ CSCE 1045, Computer Programming II (3 Hours)
- ❑ CSCE 2100, Foundations of Computing (3 Hours)
- ❑ CSCE 2110, Foundations of Data Structures (3 Hours)
- ❑ CSCE 3530, Introduction to Computer Networks (3 Hours)
- ❑ CSCE 3550, Foundations of Computer Security (3 Hours)
- ❑ CSCE 3560, Cloud Security (3 Hours)
- ❑ CSCE 3600, Principles of Systems Programming (3 Hours)
- ❑ CSCE 4010, Social Issues in Computing (3 Hours)
- ❑ CSCE 4535, Introduction to Network Administration (3 Hours)
- ❑ CSCE 4555, Computer Forensics (3 Hours)
- ❑ CSCE 4560, Secure Electronic Commerce (3 Hours)
- ❑ CSCE 4565, Secure Software Systems (3 Hours)
- ❑ CSCE 4575, Blockchain and Applications (3 Hours)
- ❑ CSCE 4907, Capstone I (3 Hours)
- ❑ CSCE 4927, Capstone II (3 Hours)

SUPPORTING COURSES

- ❑ 1 course (3 Hours) required from list below
- ❑ 1 course (3 Hours) required from list below
- ❑ 1 course (3 Hours) required from list below
- ❑ 1 course (3 Hours) required from list below

CSCE 4050, Applications of Cryptography (3 Hours)
CSCE 4350, Fundamentals of Database Systems (3 Hours)
CSCE 4357, Database Systems Security (3 Hours)
CSCE 4520, Wireless Networks and Protocols (3 Hours)
CSCE 4570, Information Privacy (3 Hours)
CSCE 4600, Introduction to Operating Systems (3 Hours)
INFO 4670, Data Analysis and Knowledge Discovery (3 Hours)
INFO 4710, Information Technology Management (3 Hours)
INFO 4745, Information Architecture (3 Hours)
CJUS 3340, Computer Crime (3 Hours)
CJUS 4330, Domestic and International Terrorism (3 Hours)

MISC. ELECTIVES

- ❑ 1-4 courses (1-10 Hours) may be required to reach 120 total hours (check with your advisor)

This is an unofficial simplified checklist effective fall 2025. Degree requirements may change.
You may need elective courses to help reach a minimum of 120 Total Hours and 42 Advanced Hours. Check with your advisor.

Cybersecurity – Calculus I

2025-2026 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 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.
	CSCE 1010	Discovering Computer Science	3	F., Sp.. Su.	CSCE 1015	Computing Tools & Techniques *Co-req: CSCE 1030 or CSCE 1035*	1	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	CSCE 1035	Computer Programming I *Pre-req: MATH 1100 & CSCE 1010* *Co-req: CSCE 1015*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	TECM 2700	Technical Writing *Pre-req: Communication Core*	3	F., Sp., Su.
	Comm Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	Science with Lab	Options on mydegreeaudit.unt.edu	3-4	F., Sp., Su.
	Total Hours		16		Total Hours		13-14	

	Fall Semester	Course Title	Credit Hours	Term(s) Offered	Spring Semester	Course Title	Credit Hours	Term(s) Offered
Year Two	MATH 2700	Linear Algebra *Pre-req: MATH 1720*	3	F., Sp., Su.	MATH 3680	Applied Statistics *Co/Pre-req: MATH 1720*	3	F., Sp., Su.
	CSCE 1045	Computer Programming II *Pre-reqs: CSCE 1015 & CSCE 1035*	3	F., Sp., Su.	CSCE 2100	Foundations of Computing *Pre-req: CSCE 1040 or CSCE 1045* *Co-req: MATH 1710*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	CSCE 2110	Foundations of Data Structures *Pre-req: CSCE 1040 or 1045*	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.
	Science with Lab	Options on mydegreeaudit.unt.edu	3-4	F., Sp., Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		15-16		Total Hours		15	

	Fall Semester	Course Title	Credit Hours	Term(s) Offered	Spring Semester	Course Title	Credit Hours	Term(s) Offered
Year Three	CSCE 3550	Foundations of Computer Security *Pre-req/Co-req: CSCE 2110*	3	F., Sp.	CSCE 3530	Introduction to Computer Networks *Pre-req: CSCE 3600*	3	F., Sp.
	CSCE 3600	Systems Programming *Pre-reqs: CSCE 2100 & CSCE 2110*	3	F., Sp.	CSCE 3560	Cloud Security *Pre-req: CSCE 3550 & CSCE 3600*	3	Sp.
	Supporting Course	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies	CSCE 4555	Computer Forensics *Pre-req: CSCE 2110*	3	Sp.
	Supporting Course	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies	CSCE 4560	Secure Electronic Commerce *Pre-req: CSCE 2110*	3	F., Sp.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	Supporting Course	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies
	Total Hours		15		Total Hours		15	

	Fall Semester	Course Title	Credit Hours	Term(s) Offered	Spring Semester	Course Title	Credit Hours	Term(s) Offered
Year Four	CSCE 4907	Capstone I *Pre-req: CSCE 3550. Co-req: CSCE 4565*	3	F.	CSCE 4927	Capstone II *Pre-req: CSCE 4907*	3	Sp.
	CSCE 4535	Introduction to Network Admin. *Pre-req: CSCE 3530*	3	F.	CSCE 4010	Social Issues in Computing *Pre-req: CSCE 3600*	3	F., Sp., Su.
	CSCE 4565	Secure Software Development *Pre-req: CSCE 3550*	3	F.	Supporting Course	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies
	CSCE 4575	Blockchain and Applications *Pre-req: CSCE 3600*	3	F.	MISC. Elective	Misc. Elective to reach 120 hours (if needed – check with your advisor)	3	F., Sp., Su.
	MISC. Elective	Misc. Elective to reach 120 hours (if needed – check with your advisor)	3	F., Sp., Su.	MISC. Elective	Misc. Elective to reach 120 hours (if needed – check with your advisor)	3	F., Sp., Su.
	MISC. Elective	Misc. Elective to reach 120 hours (if needed – check with your advisor)	1	F., Sp., Su.	Total Hours		15	
	Total Hours		16					

ENGL, TECM, MATH, BIOL, CHEM, GEOG, GEOL, PHYS, CSCE and supporting elective 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. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Cybersecurity – Pre-Calculus

2025-2026 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 *Pre-req: MATH 1100 or Test Placement*	5	F., Sp., Su.	MATH 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.
	CSCE 1010	Discovering Computer Science	3	F., Sp., Su.	CSCE 1015	Computing Tools & Techniques *Co-req: CSCE 1030 or CSCE 1035*	1	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	CSCE 1035	Computer Programming I *Pre-req: MATH 1100 & CSCE 1010* *Co-req: CSCE 1015*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	TECM 2700	Technical Writing *Pre-req: Communication Core*	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		17		Total Hours		14	
Year Two	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.	MATH 2700	Linear Algebra *Pre-req: MATH 1720*	3	F., Sp., Su.
	CSCE 1045	Computer Programming II *Pre-reqs: CSCE 1015 & CSCE 1035*	3	F., Sp., Su.	CSCE 2100	Foundations of Computing *Pre-req: CSCE 1040 or CSCE 1045* *Co-req: MATH 1710*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	CSCE 2110	Foundations of Data Structures *Pre-req: CSCE 1040 or CSCE 1045*	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.
	Science with Lab	Options on mydegreeaudit.unt.edu	3-4	F., Sp., Su.	Science with Lab	Options on mydegreeaudit.unt.edu	3-4	F., Sp., Su.
	Total Hours		15-16		Total Hours		15-16	
Year Three	MATH 3680	Applied Statistics *Co/Pre-req: MATH 1720*	3	F., Sp., Su.	CSCE 3530	Introduction to Computer Networks *Pre-req: CSCE 3600*	3	F., Sp.
	CSCE 3550	Foundations of Computer Security *Pre-req/Co-req: CSCE 2110*	3	F., Sp.	CSCE 3560	Cloud Security *Pre-req: CSCE 3550 & CSCE 3600*	3	Sp.
	CSCE 3600	Systems Programming *Pre-req: CSCE 2100 & 2110*	3	F., Sp.	CSCE 4555	Computer Forensics *Pre-req: CSCE 2110*	3	Sp.
	Supporting Course	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies	CSCE 4560	Secure Electronic Commerce *Pre-req: CSCE 2110*	3	F., Sp.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	Supporting Course	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies
	Total Hours		15		Total Hours		15	
Year Four	CSCE 4907	Capstone I *Pre-req: CSCE 3550. Co-req: CSCE 4565*	3	F.	CSCE 4927	Capstone II *Pre-req: CSCE 4907*	3	Sp.
	CSCE 4535	Introduction to Network Admin. *Pre-req: CSCE 3530*	3	F.	CSCE 4010	Social Issues in Computing *Pre-req: CSCE 3600*	3	F., Sp., Su.
	CSCE 4565	Secure Software Development *Pre-req: CSCE 3550*	3	F.	Supporting Course	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies
	CSCE 4575	Blockchain and Applications *Pre-req: CSCE 3600*	3	F.	Supporting Course	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies
	University Core	Options at mydegreeaudit.unt.edu	3	F., Sp., Su.	MISC. Elective	Misc. Elective to reach 120 hours (if needed – check with your advisor)	3	F., Sp., Su.
	Total Hours		15		Total Hours		15	

ENGL, TECM, MATH, BIOL, CHEM, GEOG, GEOL, PHYS, CSCE and supporting elective 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. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Cybersecurity – College Algebra

2025-2026 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 1100	College Algebra *Pre-req: TSI Completion*	3	F., Sp., Su.	MATH 1650	Pre-Calculus *Pre-req: MATH 1100 or Test Placement*	5	F., Sp., Su.
	CSCE 1010	Discovering Computer Science	3	F., Sp., Su.	CSCE 1015	Computing Tools & Techniques *Co-req: CSCE 1030 or CSCE 1035*	1	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	CSCE 1035	Computer Programming I *Pre-req: MATH 1100 & CSCE 1010* *Co-req: CSCE 1015*	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.
	Comm. Core	Options on mydegreeaudit.unt.edu	3	F., Sp.	TECM 2700	Technical Writing *Pre-req: Communication Core*	3	F., Sp., Su.
	Total Hours		15		Total Hours		15	

Year Two	MATH 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.
	CSCE 1045	Computer Programming II *Pre-reqs: CSCE 1015 & CSCE 1035*	3	F., Sp., Su.	CSCE 2100	Foundations of Computing *Pre-req: CSCE 1040 or CSCE 1045* *Co-req: MATH 1710*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	CSCE 2110	Foundations of Data Structures *Pre-req: CSCE 1040 or CSCE 1045*	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.
	Science with Lab	Options on mydegreeaudit.unt.edu	3-4	F., Sp., Su.	Science with Lab	Options on mydegreeaudit.unt.edu	3-4	F., Sp., Su.
	Total Hours		16-17		Total Hours		15-16	

Year Three	MATH 2700	Linear Algebra *Pre-req: MATH 1720*	3	F., Sp., Su.	MATH 3680	Applied Statistics *Co/Pre-req: MATH 1720*	3	F., Sp., Su.
	CSCE 3550	Foundations of Computer Security *Pre-req/Co-req: CSCE 2110*	3	F., Sp.	CSCE 3530	Introduction to Computer Networks *Pre-req: CSCE 3600*	3	F., Sp.
	CSCE 3600	Systems Programming *Pre-req: CSCE 2100 & 2110*	3	F., Sp., Su.	CSCE 3560	Cloud Security *Pre-req: CSCE 3550 & CSCE 3600*	3	Sp.
	Supporting Course	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies	CSCE 4555	Computer Forensics *Pre-req: CSCE 2110*	3	Sp.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	CSCE 4560	Secure Electronic Commerce *Pre-req: CSCE 2110*	3	F., Sp.
	Total Hours		15		Total Hours		15	

Year Four	CSCE 4907	Capstone I *Pre-req: CSCE 3550. Co-req: CSCE 4565*	3	F..	CSCE 4927	Capstone II *Pre-req: CSCE 4907*	3	Sp.
	CSCE 4535	Introduction to Network Admin. *Pre-req: CSCE 3530*	3	F.	CSCE 4010	Social Issues in Computing *Pre-req: CSCE 3600*	3	F., Sp., Su.
	CSCE 4565	Secure Software Development *Pre-req: CSCE 3550*	3	F.	Supporting Course	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies
	CSCE 4575	Blockchain and Applications *Pre-req: CSCE 3600*	3	F.	Supporting Course	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies
	Supporting Course	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies	MISC. Elective	Misc. Elective to reach 120 hours (if needed – check with your advisor)	3	Varies
	Total Hours		15		Total Hours		15	

ENGL, TECM, MATH, BIOL, CHEM, GEOG, GEOL, PHYS, CSCE and supporting elective 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. You should check your degree audit at mydegreeaudit.unt.edu each term. You should

Electrical Engineering

Bachelor of Science (B.S.) degree with a major in Electrical Engineering
Department of Electrical Engineering, Discovery Park (NTDP) B-270; (940) 891-6872

University Core

COMMUNICATION

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu
  Grade of "C" or better is required

AMERICAN HISTORY I

- ❑ 1 Course (3 Hours) chosen from HIST 2610 or HIST 2675

AMERICAN HISTORY II

- ❑ 1 Course (3 Hours) chosen from HIST 2620 or HIST 2685

FEDERAL GOVERNMENT/POLITICAL SCIENCE

- ❑ 1 Course (3 Hours) chosen from PSCI 2305 or PSCI 2315

STATE GOVERNMENT/POLITICAL SCIENCE

- ❑ 1 Course (3 Hours) chosen from PSCI 2306 or PSCI 2316

CREATIVE ARTS

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

LANGUAGE, PHILOSOPHY, AND CULTURE

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

SOCIAL AND BEHAVIORAL SCIENCES

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

Major Requirements
Grades of C or better

TECHNICAL COMMUNICATIONS

- ❑ TECM 2700, Technical Writing (3 Hours)

MATHEMATICS

- ❑ MATH 1710, Calculus I (4 Hours)
- ❑ MATH 1720, Calculus II (3 Hours)
- ❑ MATH 2730, Multivariable Calculus (3 Hours)
- ❑ MATH 2700, Linear Algebra (3 Hours)
- ❑ MATH 3410, Differential Equations (3 Hours)
- ❑ MATH 3180, Probability for Engineers (3 Hours)

Completion of the above courses may earn a minor in Mathematics.

SCIENCES

- ❑ PHYS 1710, Mechanics (3 Hours) &
  PHYS 1730 Mechanics Lab (1 Hour)
- ❑ PHYS 2220, Electricity & Magnetism (3 Hours) &
  PHYS 2240, Electricity & Magnetism Lab (1 Hour)
- ❑ CHEM 1410, General Chemistry I (3 Hours) &
  CHEM 1430, General Chemistry I Lab (1 Hour)

Major Requirements
Grades of C or better

ELECTRICAL ENGINEERING

- ❑ EENG 1910, Introduction to Electrical Engineering (3 Hours)
- ❑ EENG 2610, Circuit Analysis, (3 Hours) &
  EENG 2611, Circuit Analysis Lab (1 Hour)
- ❑ EENG 2620, Signals and Systems (3 Hours) &
  EENG 2621, Signals and Systems Lab (1 Hour)
- ❑ EENG 2710, Digital Logic Design (3 Hours) &
  EENG 2711, Digital Logic Design Lab (1 Hour)
- ❑ EENG 2905, Engineering Tools (3 Hours)
- ❑ EENG 2920, Analog and Digital Circuit Design (3 Hours)
- ❑ EENG 3410, Engineering Electromagnetics (3 Hours) &
  EENG 3411, Engineering Electromagnetics Lab (1 Hour)
- ❑ EENG 3510, Electronics I (3 Hours) &
  EENG 3511, Electronics I Lab (1 Hour)
- ❑ EENG 3520, Electronics II (3 Hours)
- ❑ EENG 3710, Computer Organization (3 Hours)
- ❑ EENG 3810, Communications Systems (3 Hours) &
  EENG 3811, Communication Systems Lab (1 Hour)
- ❑ EENG 3910, Embedded System Design Project (3 Hours)
- ❑ EENG 3920, Modern Comm. System Design (3 Hours)
- ❑ EENG 4910, Senior Design I (3 Hours)
- ❑ EENG 4990, Senior Design II (3 Hours)
- ❑ EENG 4*** Elective (3 Hours)
- ❑ EENG 4*** Elective (3 Hours)
- ❑ EENG 4*** Elective (3 Hours)
- ❑ EENG 4*** Elective (3 Hours)
- ❑ EENG 4*** Elective (3 Hours)

See mydegreeaudit.unt.edu or catalog.unt.edu for list of EENG 4*** Elective course options.

EENG 4010 is a EENG 4*** elective option. It is a topics course. The content varies for each section. It may be repeated for credit if you do not re-take the exact same topic the 2nd time.

EENG 4920 and 4951 cannot be taken as electives.

COMPUTER PROGRAMMING

- ❑ CSCE 1015, Computing Tools & Techniques Lab (1 Hour)
- ❑ CSCE 1030, Computer Science I (3 Hours)

This is an unofficial simplified checklist effective fall 2025. Degree requirements may change.
You may need elective courses to help reach a minimum of 128 Total Hours and 42 Advanced Hours. Check with your advisor.

Electrical Engineering – Calculus I

2025-2026 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 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.
	CHEM 1410	General Chemistry I *Pre-req: MATH 1100 or higher*	3	F., Sp., Su.	PHYS 1710	Mechanics *Pre-req: MATH 1710*	3	F., Sp., Su.
	CHEM 1430	General Chemistry I Lab *Co/Pre-req: CHEM 1410*	1	F., Sp., Su.	PHYS 1730	Mechanics Lab *Co/Pre-req: PHYS 1710*	1	F., Sp., Su.
	EENG 1910	Intro to Electrical Engineering *Prereq: Electrical or Pre-Electrical major*	3	F., Sp.	EENG 2710	Digital Logic Design	3	F., Sp., Su.
	CSCE 1015	Computing Tools & Techniques Lab *Co-req: CSCE 1030 or CSCE 1035*	1	F., Sp., Su.	EENG 2711	Digital Logic Design Lab *Co/Pre-req: EENG 2710*	1	F., Sp., Su.
	CSCE 1030	Computer Science I *Pre-req: MATH 1100. Co-req CSCE 1015 waived for EENG majors*	3	F., Sp., Su.	TECM 2700	Technical Writing *Pre-req: Communication Core*	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		18		Total Hours		17	
Year Two	MATH 2700	Linear Algebra *Pre-req: MATH 1720*	3	F., Sp., Su.	MATH 2730	Multivariable Calculus *Pre-req: MATH 1720*	3	F., Sp., Su.
	MATH 3410	Differential Equations *Pre-req: MATH 1720*	3	F., Sp., Su.	EENG 2620	Signals and Systems *Pre-reqs: EENG 2610/2611*	3	F., Sp.
	PHYS 2220	Electricity & Magnetism *Pre-req: PHYS 1710/1730, Co-req: MATH 1720*	3	F., Sp., Su.	EENG 2621	Signals and Systems Lab *Co/Pre-req: EENG 2620*	1	F., Sp.
	PHYS 2240	Electricity & Magnetism Lab *Co/Pre-req: PHYS 2220*	1	F., Sp. Su.	EENG 2920	Analog Circuit Design *Pre-reqs: EENG 1910, 2610/2611, 2710/2711*	3	F., Sp.
	EENG 2610	Circuit Analysis *Co/Pre-reqs: PHYS 2220/2240, MATH 3410*	3	F., Sp., Su.	EENG 2905	Engineering Tools *Pre-reqs: CSCE 1030 and CSCE 1015*	3	F., Sp.
	EENG 2611	Circuit Analysis Lab *Co/Pre-reqs: EENG 2610*	1	F., Sp., Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		14		Total Hours		16	
Year Three	MATH 3180	Probability for Engineers *Pre-reqs: MATH 2700 and MATH 2730*	3	F., Sp., Su.	EENG 3520	Electronics II *Pre-reqs: EENG 3510/3511*	3	F., Sp.
	EENG 3410	Electromagnetics *Pre-reqs: EENG 2610/2611*	3	F., Sp.	EENG 3710	Computer Organization *Pre-reqs: EENG 2710, 2711, CSCE 1030, 1015*	3	F., Sp.
	EENG 3411	Electromagnetics Lab *Co/Pre-req: EENG 3410*	1	F., Sp.	EENG 3810	Communications Systems *Pre-reqs: EENG 2620, 3510, MATH 3180*	3	F., Sp.
	EENG 3510	Electronics I *Pre-reqs: EENG 2610/2611, MATH 2730*	3	F., Sp.	EENG 3811	Communications Systems Lab *Co/Pre-req: EENG 3810*	1	F., Sp.
	EENG 3511	Electronics I Lab *Co/Pre-req: EENG 3510*	1	F., Sp.	EENG 3920	Modern Communications System Design *Pre-req: EENG 2920* *Co/Pre-reg: EENG 3520, 3810, 3811*	3	F., Sp.
	EENG 3910	Embedded System Design Project *Pre-reqs: EENG 2620/2621, EENG 2920, 2905*	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		16	
	Total Hours		17					
Year Four	EENG 4910	Senior Design I *Pre-reqs: EENG 3810/3811, 3910, 3920*	3	F., Sp.	EENG 4990	Senior Design II *Pre-reqs: EENG 4910*	3	F., Sp.
	EENG Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.	EENG Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.
	EENG Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.	EENG Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.
	EENG 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.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		15		Total Hours		15	

ENGL, TECM, MATH, CSCE, CHEM, PHYS, and EENG 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. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Electrical Engineering – Pre-Calculus

2025-2026 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 *Pre-req: MATH 1100 or Test Placement*	5	F., Sp., Su.	MATH 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.
	CHEM 1410	General Chemistry I *Pre-req: MATH 1100 or higher*	3	F., Sp., Su.	CSCE 1015	Computing Tools & Techniques Lab *Co-req: CSCE 1030 or CSCE 1035*	1	F., Sp., Su.
	CHEM 1430	General Chemistry I Lab *Co/Pre-req: CHEM 1410*	1	F., Sp., Su.	CSCE 1030	Computer Science I *Pre-req: MATH 1100 and CSCE 1010 (waived for EE or Pre-EE Majors). Co-req: CSCE 1015*	3	F., Sp., Su.
	EENG 1910	Intro to Electrical Engineering *Prereq: Electrical or Pre-Electrical major*	3	F., Sp.	EENG 2710	Digital Logic Design	3	F., Sp., Su.
	Comm. Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	EENG 2711	Digital Logic Design Lab *Co/Pre-req: EENG 2710*	1	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	TECM 2700	Technical Writing *Pre-req: Communication Core*	3	F., Sp., Su.
	Total Hours		18		University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
					Total Hours		18	
Year Two	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.	MATH 2700	Linear Algebra *Pre-req: MATH 1720*	3	F., Sp., Su.
	PHYS 1710	Mechanics *Pre-req: MATH 1710*	3	F., Sp., Su.	MATH 2730	Multivariable Calculus *Pre-req: MATH 1720*	3	F., Sp., Su.
	PHYS 1730	Mechanics Lab *Co/Pre-req: PHYS 1710*	1	F., Sp., Su.	MATH 3410	Differential Equations *Pre-req: MATH 1720*	3	F., Sp., Su.
	EENG 2905	Engineering Tools *Pre-reqs: CSCE 1030 and CSCE 1015*	3	F., Sp.	PHYS 2220	Electricity & Magnetism *Pre-req: PHYS 1710/1730. Co-req: MATH 1720*	3	F., Sp. Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	PHYS 2240	Electricity & Magnetism Lab *Co/Pre-req: PHYS 2220*	1	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	EENG 2610	Circuit Analysis *Co/Pre-reqs: PHYS 2220/2240, MATH 3410*	3	F., Sp., Su.
	Total Hours		16		EENG 2611	Circuit Analysis Lab *Co/Pre-reqs: EENG 2610*	1	F., Sp., Su.
					Total Hours		17	
Year Three	MATH 3180	Probability for Engineers *Pre-reqs: MATH 2700 and MATH 2730*	3	F., Sp.	EENG 3520	Electronics II *Pre-reqs: EENG 3510/3511*	3	F., Sp.
	EENG 2620	Signals and Systems *Pre-reqs: EENG 2610/2611*	3	F., Sp.	EENG 3810	Communications Systems *Pre-reqs: EENG 2620, 3510, MATH 3180*	3	F., Sp.
	EENG 2621	Signals and Systems Lab *Co/Pre-req: EENG 2620*	1	F., Sp.	EENG 3811	Communications Systems Lab *Co/Pre-req: EENG 3810*	1	F., Sp.
	EENG 2920	Analog Circuit Design *Pre-reqs: EENG 1910, 2610/2611, 2710/2711*	3	F., Sp.	EENG 3910	Embedded System Design Project *Pre-reqs: EENG 2620/2621, 2920, 2905*	3	F., Sp.
	EENG 3510	Electronics I *Pre-reqs: EENG 2610/2611*	3	F., Sp.	EENG 3920	Modern Communications System Design *Pre-req: EENG 2920* *Co/Pre-reg: EENG 3520, 3810, 3811*	3	F., Sp.
	EENG 3511	Electronics I Lab *Co/Pre-req: EENG 3510*	1	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		16	
	Total Hours		17					
Year Four	EENG 3410	Electromagnetics *Pre-reqs: EENG 2610/2611, MATH 2730*	3	F., Sp.	EENG 3710	Computer Organization *Pre-reqs: EENG 2710, 2711, CSCE 1030, 1015*	3	F., Sp.
	EENG 3411	Electromagnetics Lab *Co/Pre-req: EENG 3410*	1	F., Sp.	EENG 4990	Senior Design II *Pre-reqs: EENG 4910*	3	F., Sp.
	EENG 4910	Senior Design I *Pre-reqs: EENG 3810/3811, 3910, 3920*	3	F., Sp.	EENG Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.
	EENG Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.	EENG Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.
	EENG Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	EENG Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.	Total Hours		15	
	Total Hours		16					

ENGL, TECM, MATH, CSCE, CHEM, PHYS, and EENG 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. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Electrical Engineering – College Algebra

2025-2026 Catalog: Sample Five-Year Schedule

	Fall Semester	Course Title	Credit Hours	Term(s) Offered	Spring Semester	Course Title	Credit Hours	Term(s) Offered
Year One	MATH 1100	College Algebra *Pre-req: TSI Completion*	3	F., Sp., Su.	MATH 1650	Pre-Calculus *Pre-req: MATH 1100 or Test Placement*	5	F., Sp., Su.
	EENG 1910	Intro to Electrical Engineering *Prereq: Electrical or Pre-Electrical major*	3	F., Sp.	CHEM 1410	General Chemistry I *Pre-req: MATH 1100 or higher*	3	F., Sp., Su.
	Comm. Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	CHEM 1430	General Chemistry I Lab *Co/Pre-req: CHEM 1410*	1	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	TECM 2700	Technical Writing *Pre-req: Communication Core*	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		15	
Year Two	MATH 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.
	CSCE 1015	Computing Tools & Techniques Lab *Co-req: CSCE 1030 or CSCE 1035*	1	F., Sp., Su.	PHYS 1710	Mechanics *Pre-req: MATH 1710*	3	F., Sp., Su.
	CSCE 1030	Computer Science I *Pre-req: MATH 1100 and CSCE 1010 (waived for EE or Pre-EE Majors). Co-req: CSCE 1015*	3	F., Sp., Su.	PHYS 1730	Mechanics Lab *Co/Pre-req: PHYS 1710*	1	F., Sp., Su.
	EENG 2710	Digital Logic	3	F., Sp., Su.	EENG 2905	Engineering Tools *Pre-reqs: CSCE 1030 and CSCE 1015*	3	F., Sp.
	EENG 2711	Digital Logic Design Lab *Co/Pre-req: EENG 2710*	1	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		13	
Year Three	MATH 3410	Differential Equations *Pre-req: MATH 1720*	3	F., Sp., Su.	MATH 2700	Linear Algebra *Pre-req: MATH 1720*	3	F., Sp., Su.
	PHYS 2220	Electricity & Magnetism *Pre-req: PHYS 1710/1730. Co-req: MATH 1720*	3	F., Sp., Su.	MATH 2730	Multivariable Calculus *Pre-req: MATH 1720*	3	F., Sp., Su.
	PHYS 2240	Electricity & Magnetism Lab *Co/Pre-req: PHYS 2220*	1	F., Sp. Su.	EENG 2620	Signals and Systems *Pre-reqs: EENG 2610/2611*	3	F., Sp.
	EENG 2610	Circuit Analysis *Co/Pre-reqs: PHYS 2220/2240, MATH 3410*	3	F., Sp., Su.	EENG 2621	Signals and Systems Lab *Co/Pre-req: EENG 2620*	1	F., Sp.
	EENG 2611	Circuit Analysis Lab *Co/Pre-reqs: EENG 2610*	1	F., Sp., Su.	EENG 2920	Analog Circuit Design *Pre-reqs: EENG 1910, EENG 2610/2611, EENG 2710/2711*	3	F., Sp.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	Total Hours		13	
	Total Hours		14					
Year Four	MATH 3180	Probability for Engineers *Pre-reqs: MATH 2700 and MATH 2730*	3	F., Sp.	EENG 3520	Electronics II *Pre-reqs: EENG 3510/3511*	3	F., Sp.
	EENG 3410	Electromagnetics *Pre-reqs: EENG 2610/2611, MATH 2730*	3	F., Sp.	EENG 3810	Communications Systems *Pre-reqs: EENG 2620, 3510, MATH 3180*	3	F., Sp.
	EENG 3411	Electromagnetics Lab *Co/Pre-req: EENG 3410*	1	F., Sp.	EENG 3811	Communications Systems Lab *Co/Pre-req: EENG 3810*	1	F., Sp.
	EENG 3510	Electronics I *Pre-reqs: EENG 2610/2611*	3	F., Sp.	EENG 3920	Modern Communications System Design *Pre-req: EENG 2920 Co/Pre-reg: EENG 3520, 3810, 2811*	3	F., Sp.
	EENG 3511	Electronics I Lab *Co/Pre-req: EENG 3510*	1	F., Sp.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	EENG 3910	Embedded System Design Project *Pre-reqs: EENG 2620/2621, 2920, 2905*	3	F., Sp.	Total Hours		13	
	Total Hours		14					
Year Five	EENG 4910	Senior Design I *Pre-reqs: EENG 3810/3811, 3910, 3920*	3	F., Sp.	EENG 3710	Computer Organization *Pre-reqs: EENG 2710, 2711, CSCE 1030, 1015*	3	F., Sp.
	EENG Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.	EENG 4990	Senior Design II *Pre-reqs: EENG 4910*	3	F., Sp.
	EENG Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.	EENG Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.
	EENG Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.	EENG Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.
	Total Hours		12		Total Hours		12	

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Information Technology

Bachelor of Science (B.S.) degree with a major in Information Technology
Department of Computer Science and Engineering, Discovery Park (NTDP) F-201; (940) 565-2767

University Core

COMMUNICATION

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu
  Grade of "C" or better is required

AMERICAN HISTORY I

- ❑ 1 Course (3 Hours) chosen from HIST 2610 or HIST 2675

AMERICAN HISTORY II

- ❑ 1 Course (3 Hours) chosen from HIST 2620 or HIST 2685

FEDERAL GOVERNMENT/POLITICAL SCIENCE

- ❑ 1 Course (3 Hours) chosen from PSCI 2305 or PSCI 2315

STATE GOVERNMENT/POLITICAL SCIENCE

- ❑ 1 Course (3 Hours) chosen from PSCI 2306 or PSCI 2316

CREATIVE ARTS

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

LANGUAGE, PHILOSOPHY, AND CULTURE

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

SOCIAL AND BEHAVIORAL SCIENCES

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

Major Requirements
Grades of C or better

TECHNICAL COMMUNICATIONS

- ❑ TECM 2700, Technical Writing (3 Hours)

MATHEMATICS

- ❑ MATH 1710, Calculus I (4 Hours)
- ❑ MATH 1680, Elementary Probability & Statistics (3 Hours)
  or
  MATH 1780, Probability (3 Hours)
  or
  MATH 3680, Applied Statistics (3 Hours)

SCIENCES

- ❑ 1 science with lab chosen from list below
- ❑ 1 science with lab chosen from list below

GEOL 1610, Introduction to Geology (3 Hours)
GEOG 1710, Earth Science (3 Hours)
BIOL 1132, Environmental Science (3 Hours)
BIOL 1710, Biology I (3 Hours) & BIOL 1760, Biology Lab (2 Hours)
BIOL 2301 & 2311, Anatomy/Physiology I (3 Hours) & Lab (1 Hour)
BIOL 2302 & 2312, Anatomy/Physiology II (3 Hours) & Lab (1 Hour)
CHEM 1410 & 1430, General Chemistry I (3 Hours) & Lab (1 Hour)
PHYS 1410 & 1430, General Physics I (3 hours) & Lab (1 Hour)
PHYS 1420 & 1440, General Physics II (3 Hours) & Lab (1 Hour)
PHYS 1710 & 1730, Mechanics (3 Hours) & Lab (1 Hour)

Major Requirements
Grades of C or better

INFORMATION TECHNOLOGY

- ❑ CSCE 1010, Discovering Computer Science (3 Hours)
- ❑ CSCE 1015, Computing Tools and Techniques (1 Hour)
- ❑ CSCE 1035, Computer Programming I (3 Hours)
- ❑ CSCE 1045, Computer Programming II (3 Hours)
- ❑ CSCE 2100, Foundations of Computing (3 Hours)
- ❑ CSCE 2110, Foundations of Data Structures (3 Hours)
- ❑ CSCE 3055, IT Project Management (3 Hours)
- ❑ CSCE 3220, Human Computer Interfaces (3 Hours)
- ❑ CSCE 3420, Internet Programming (3 Hours)
- ❑ CSCE 3530, Introduction to Computer Networks (3 Hours)
- ❑ CSCE 3550, Foundations of Computer Security (3 Hours)
- ❑ CSCE 3600, Principles of Systems Programming (3 Hours)
- ❑ CSCE 3605, Systems Administration (3 Hours)
- ❑ CSCE 3615, Enterprise Systems Arch., Analysis and Design (3 Hours)
- ❑ CSCE 4010, Social Issues in Computing (3 Hours)
- ❑ CSCE 4350, Fundamentals of Database Systems (3 Hours)
- ❑ CSCE 4355, Database Administration (3 Hours)
- ❑ CSCE 4535, Network Administration (3 Hours)
- ❑ CSCE 4905, Capstone I (3 Hours)
- ❑ CSCE 4925, Capstone II (3 Hours)

SUPPORTING AREA

- ❑ Course approved by an advisor (3 Hours)
- ❑ Course approved by an advisor (3 Hours)
- ❑ Course approved by an advisor (3 Hours)
- ❑ Course approved by an advisor (3 Hours)
- ❑ Course approved by an advisor (3 Hours)
- ❑ Course approved by an advisor (3 Hours)
- ❑ Course approved by an advisor (3 Hours)

Choose a supporting area and complete 21 hours of approved courses. Suggestions include, but are not limited to:

Security/Networking	Criminal Justice
Information Systems	Legal Studies
Data/Decision Sciences	General Business
AI/Big Data	Logistics/Decision Sciences
Web/Software Development	Management
Data Analytics	Entrepreneurship
Game Design Studies	Marketing
Game Programming	Project Management
Location Intelligence	Graphic/Communications Design
Geog. Info Systems	Music or Theater Technologies
Technical Communications	Education/Teach North Texas

Completion of CSCE 2610, CSCE 4560, & CSCE 4600 toward a Supporting Area in Security/Networking also earns a Security Certificate. CSCE 2610 requires EENG 2710 as prerequisite.

A maximum of 6 hours may be taken for the Supporting Area from CSCE 4890, 4920, 4930, 4940, or 4950

MISC. ELECTIVES

- ❑ 1-2 courses (3-6 Hours) may be required to reach 121 total hours (check with advisor)

This is an unofficial simplified checklist effective fall 2025. Degree requirements may change.
You may need elective courses to help reach a minimum of 121 Total Hours and 42 Advanced Hours. Check with your advisor.

Information Technology – Calculus I

2025-2026 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 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.	MATH 1680	Element. Probability and Statistics *Pre-req: TSI Math Complete*	3	F., Sp., Su.
	CSCE 1010	Discovering Computer Science	3	F., Sp., Su.	CSCE 1015	Computing Tools & Techniques *Co-req: CSCE 1030 or CSCE 1035*	1	F., Sp., Su.
	Comm. Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	CSCE 1035	Computer Programming I *Pre-req: MATH 1100 & CSCE 1010* *Co-req: CSCE 1015*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	TECM 2700	Technical Writing *Pre-req: Communication Core*	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		16		University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
					Total Hours		16	
Year Two	CSCE 1045	Computer Programming II *Pre-reqs: CSCE 1015 & CSCE 1035*	3	F., Sp., Su.	CSCE 2100	Foundations of Computing *Pre-req: CSCE 1040 or CSCE 1045* *Co-req: MATH 1710*	3	F., Sp., Su.
	Science with Lab	Options on mydegreeaudit.unt.edu	3-4	F., Sp., Su.	CSCE 2110	Foundations of Data Structures *Pre-req: CSCE 1040 or CSCE 1045*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	Science with Lab	Options on mydegreeaudit.unt.edu	3-4	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	Varies
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	Varies
	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	Varies	Total Hours		15-16	
	Total Hours		15-16					
Year Three	CSCE 3055	IT Project Management *Pre-req: CSCE 2100*	3	F., Sp.	CSCE 3530	Introduction to Computer Networks *Pre-req: CSCE 3600*	3	F., Sp.
	CSCE 3220	Human Computer Interfaces *Pre-req: CSCE 2100 & 2110*	3	F., Sp.	CSCE 3605	Systems Administration *Pre-req: CSCE 3600*	3	F., Sp.
	CSCE 3420	Internet Programming *Pre-req: CSCE 2100 & 2110*	3	F., Sp.	CSCE 3615	Enterprise Systems Architecture *Pre-req: CSCE 2100*	3	F., Sp.
	CSCE 3600	Systems Programming *Pre-req: CSCE 2100 & 2110*	3	F., Sp.	CSCE 4350	Database Systems *Pre-reqs: CSCE 2100 & 2110*	3	F., Sp.
	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	Varies	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	Varies
	Total Hours		15		Total Hours		15	
Year Four	CSCE 3550	Foundations of Computer Security *Pre-req/Co-req: CSCE 2110*	3	F., Sp.	CSCE 4010	Social Issues *Pre-req: CSCE 3600*	3	Sp.
	CSCE 4355	Database Administration *Pre-req: CSCE 4350*	3	F.	CSCE 4925	Capstone II *Pre-req: CSCE 4905*	3	Sp.
	CSCE 4535	Network Administration *Pre-req: CSCE 3530*	3	F.	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	Varies
	CSCE 4905	Capstone I *Pre-reqs: CSCE 3055 & 3615*	3	F.	Misc. Elective	MISC. Elective to reach 121 Hours or Component Area Core (If needed)	3	F., Sp.
	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	Varies	Misc. Elective	MISC. Elective to reach 121 Hours or Component Area Core (If needed)	3	F., Sp., Su.
	Total Hours		15		Total Hours		15	

ENGL, TECM, MATH, BIOL, CHEM, GEOG, GEOL, 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. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Information Technology – Pre-Calculus

2025-2026 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 *Pre-req: MATH 1100 or Test Placement*	5	F., Sp., Su.	MATH 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.
	CSCE 1010	Discovering Computer Science	3	F., Sp., Su.	CSCE 1015	Computing Tools & Techniques *Co-req: CSCE 1030 or CSCE 1035*	1	F., Sp., Su.
	Comm. Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	CSCE 1035	Computer Programming I *Pre-req: MATH 1100 & CSCE 1010* *Co-req: CSCE 1015*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp.	TECM 2700	Technical Writing *Pre-req: Communication Core*	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		17		University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
					Total Hours		17	
Year Two	MATH 1680	Elementary Probability and Statistics *Pre-req: TSI Math Complete*	3	F., Sp., Su.	CSCE 2100	Foundations of Computing *Pre-req: CSCE 1040 or CSCE 1045* *Co-req: MATH 1710*	3	F., Sp., Su.
	CSCE 1045	Computer Programming II *Pre-reqs: CSCE 1015 & CSCE 1035*	3	F., Sp., Su.	CSCE 2110	Foundations of Data Structures *Pre-req: CSCE 1040 or CSCE 1045*	3	F., Sp., Su.
	Science with Lab	Options on mydegreeaudit.unt.edu	3-4	F., Sp., Su.	Science with Lab	Options on mydegreeaudit.unt.edu	3-4	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	Varies
	University Core	Options via mydegreeaudit.unt.edu	3	F., Sp., Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su
	Total Hours		15-16		Total Hours		15-16	
Year Three	CSCE 3055	IT Project Management *Pre-req: CSCE 2100*	3	F., Sp.	CSCE 3530	Introduction to Computer Networks *Pre-req: CSCE 3600*	3	F., Sp.
	CSCE 3220	Human Computer Interfaces *Pre-req: CSCE 2100, 2110*	3	F., Sp.	CSCE 3605	Systems Administration *Pre-req: CSCE 3600*	3	F., Sp.
	CSCE 3420	Internet Programming *Pre-req: CSCE 2100, 2110*	3	F., Sp.	CSCE 3615	Enterprise Systems Architecture *Pre-req: CSCE 2100*	3	F., Sp.
	CSCE 3600	Systems Programming *Pre-req: CSCE 2100 & 2110*	3	F., Sp.	CSCE 4350	Database Systems *Pre-req: CSCE 2100, 2110*	3	F., Sp.
	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	Varies	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	Varies
	Total Hours		15		Total Hours		15	
Year Four	CSCE 3550	Foundations of Computer Security *Pre-req/Co-req: CSCE 2110*	3	F., Sp.	CSCE 4010	Social Issues *Pre-req: CSCE 3600*	3	F., Sp., Su.
	CSCE 4355	Database Administration *Pre-req: CSCE 4350*	3	F.	CSCE 4925	Capstone II *Pre-req: CSCE 4905*	3	Sp.
	CSCE 4535	Network Administration *Pre-req: CSCE 3530*	3	F.	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	Varies
	CSCE 4905	Capstone I *Pre-reqs: CSCE 3055 & 3615*	3	F.	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	Varies
	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	Varies	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	Varies
	Total Hours		15		Total Hours		15	

ENGL, TECM, MATH, BIOL, CHEM, GEOG, GEOL, 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. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Information Technology – College Algebra

2025-2026 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 1100	College Algebra *Pre-req: TSI Completion*	3	F., Sp., Su.	MATH 1650	Pre-Calculus *Pre-req: MATH 1100 or Test Placement*	5	F., Sp., Su.
	CSCE 1010	Discovering Computer Science	3	F., Sp., Su.	CSCE 1015	Computing Tools & Techniques *Co-req: CSCE 1030 or CSCE 1035*	1	F., Sp., Su.
	Comm. Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	CSCE 1035	Computer Programming I *Pre-req: MATH 1100 & CSCE 1010* *Co-req: CSCE 1015*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	TECM 2700	Technical Writing *Pre-req: Communication Core*	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.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		18		Total Hours		18	
Year Two	MATH 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.	MATH 1680	Elementary Probability and Statistics *Pre-req: TSI Math Complete*	3	F., Sp., Su.
	CSCE 1045	Computer Programming II *Pre-reqs: CSCE 1015 & CSCE 1035*	3	F., Sp., Su.	CSCE 2100	Foundations of Computing *Pre-req: CSCE 1040 or CSCE 1045* *Co-req: MATH 1710*	3	F., Sp., Su.
	Science with Lab	Options on mydegreeaudit.unt.edu	3-4	F., Sp., Su.	CSCE 2110	Foundations of Data Structures *Pre-req: CSCE 1040 or CSCE 1045*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	Science with Lab	Options on mydegreeaudit.unt.edu	3-4	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	Varies
	Total Hours		15-16		Total Hours		15-16	
Year Three	CSCE 3055	IT Project Management *Pre-req: CSCE 2100*	3	F., Sp.	CSCE 3530	Introduction to Computer Networks *Pre-req: CSCE 3600*	3	F., Sp.
	CSCE 3220	Human Computer Interfaces *Pre-req: CSCE 2100, 2110*	3	F., Sp.	CSCE 3605	Systems Administration *Pre-req: CSCE 3600*	3	F., Sp.
	CSCE 3420	Internet Programming *Pre-req: CSCE 2100, 2110*	3	F., Sp.	CSCE 3615	Enterprise Systems Architecture *Pre-req: CSCE 2100*	3	F., Sp.
	CSCE 3600	Systems Programming *Pre-req: CSCE 2100 & 2110*	3	F., Sp.	CSCE 4350	Database Systems *Pre-reqs: CSCE 2100, 2110*	3	F., Sp.
	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	Varies	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	Varies
	Total Hours		15		Total Hours		15	
Year Four	CSCE 3550	Foundations of Computer Security *Pre-req/Co-req: CSCE 2110*	3	F.	CSCE 4010	Social Issues *Pre-req: CSCE 3600*	3	F., Sp., Su.
	CSCE 4355	Database Administration *Pre-req: CSCE 4350*	3	F.	CSCE 4925	Capstone II *Pre-req: CSCE 4905*	3	Sp.
	CSCE 4535	Network Administration *Pre-req: CSCE 3530*	3	F.	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	Varies
	CSCE 4905	Capstone I *Pre-reqs: CSCE 3055, 3615*	3	F.	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	Varies
	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	Varies	Supporting Area	Options via mydegreeaudit.unt.edu or your advisor	3	Varies
	Total Hours		15		Total Hours		15	

ENGL, TECM, MATH, BIOL, CHEM, GEOG, GEOL, 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. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Materials Science and Engineering

Bachelor of Science (B.S.) degree with a major in Materials Science and Engineering
Department of Materials Science and Engineering, Discovery Park (NTDP) E-132; (940) 565-3260

University Core

COMMUNICATION
- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu
  Grade of "C" or better is required

AMERICAN HISTORY I
- ❑ 1 Course (3 Hours) chosen from HIST 2610 or HIST 2675

AMERICAN HISTORY II
- ❑ 1 Course (3 Hours) chosen from HIST 2620 or HIST 2685

FEDERAL GOVERNMENT/POLITICAL SCIENCE
- ❑ 1 Course (3 Hours) chosen from PSCI 2305 or PSCI 2315

STATE GOVERNMENT/POLITICAL SCIENCE
- ❑ 1 Course (3 Hours) chosen from PSCI 2306 or PSCI 2316

CREATIVE ARTS
- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

LANGUAGE, PHILOSOPHY, AND CULTURE
- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

SOCIAL AND BEHAVIORAL SCIENCES
- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

Major Requirements
Grades of C or better

TECHNICAL COMMUNICATIONS
- ❑ TECM 2700, Technical Writing (3 Hours)

MATHEMATICS
- ❑ MATH 1710, Calculus I (4 Hours)
- ❑ MATH 1720, Calculus II (3 Hours)
- ❑ MATH 2730, Multivariable Calculus (3 Hours)
- ❑ MATH 3410, Differential Equations (3 Hours)

SCIENCES
- ❑ CHEM 1410, General Chemistry I (3 Hours) &
  CHEM 1430, General Chemistry I Lab (1 Hour)
- ❑ CHEM 1420, General Chemistry II (3 Hours)
- ❑ PHYS 1710, Mechanics (3 Hours) &
  PHYS 1730 Mechanics Lab (1 Hour)
- ❑ PHYS 2220, Electricity & Magnetism (3 Hours) &
  PHYS 2240, Electricity & Magnetism Lab (1 Hour)

Major Requirements
Grades of C or better

MECHANICAL ENGINEERING
- ❑ ENGR 2301, Statics (3 Hours)

MATERIALS SCIENCE AND ENGINEERING
- ❑ MTSE 1100, Discover How and Why Materials Matter (3 Hours)
- ❑ MTSE 3000, Fundamentals of Materials Science and Engr. I (3 Hours)
- ❑ MTSE 3001, Fundamentals of Materials Science and Engr. II (3 Hours)
- ❑ MTSE 3010, Bonding and Structure (3 Hours)
- ❑ MTSE 3020, Microstructure and Characterization (3 Hours)
- ❑ MTSE 3030, Thermodynamics and Phase Diagrams (3 Hours)
- ❑ MTSE 3040, Transport Phenomena (3 Hours)
- ❑ MTSE 3050, Mechanical Properties (3 Hours)
- ❑ MTSE 3060, Phase Transformations (3 Hours)
- ❑ MTSE 3070, Electrical, Optical, and Magnetic Properties (3 Hours)
- ❑ MTSE 3080, Materials Processing (3 Hours)
- ❑ MTSE 3090, Laboratory I (1 Hour)
- ❑ MTSE 3100, Laboratory II (1 Hour)
- ❑ MTSE 3110, Materials Aspects of Quantum Materials (3 Hours)
- ❑ MTSE 4010, Physical Metallurgy Principles (3 Hours)
- ❑ MTSE 4030, Ceramic Science and Engineering (3 Hours)
- ❑ MTSE 4050, Polymer Science and Engineering (3 Hours)
- ❑ MTSE 4060, Materials Selection and Performance (3 Hours)
- ❑ MTSE 4090, Senior Design I (3 Hours)
- ❑ MTSE 4100, Senior Design II (3 Hours)

MATERIALS SCIENCE AND ENGINEERING ELECTIVES
- ❑ 1 MTSE 4*** elective (3 Hours) chosen from list below
- ❑ 1 MTSE 4*** elective (3 Hours) chosen from list below

MTSE 4020, Materials in Medicine (3 Hours)
MTSE 4040, Computational Materials Science (3 Hours)
MTSE 4070, Electronic Materials (3 Hours)

This is an unofficial simplified checklist effective fall 2025. Degree requirements may change.
You may need elective courses to help reach a minimum of 120 Total Hours and 42 Advanced Hours. Check with your advisor.

Materials Science and Engineering – Calculus I

2025-2026 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 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.
	CHEM 1410	General Chemistry I *Pre-req: MATH 1100 or higher*	3	F., Sp., Su.	PHYS 1710	Mechanics *Pre-req: MATH 1710*	3	F., Sp., Su.
	CHEM 1430	General Chemistry I Lab *Co/Pre-req: CHEM 1410*	1	F., Sp., Su.	PHYS 1730	Mechanics Lab *Co/Pre-req: PHYS 1710*	1	F., Sp., Su.
	MTSE 1100	Discover How and Why Materials Matter	3	F.	CHEM 1420	General Chemistry II *Pre-req: CHEM 1410, 1430*	3	F., Sp.
	Comm. Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	TECM 2700	Technical Writing *Pre-req: Communication Core*	3	F., Sp., Su.
	Total Hours		14		University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
					Total Hours		16	
Year Two	MATH 2730	Multivariable Calculus *Pre-req: MATH 1720*	3	F., Sp., Su.	MATH 3410	Differential Equations *Pre-req: MATH 1720*	3	F., Sp., Su.
	PHYS 2220	Electricity & Magnetism *Pre-req: PHYS 1710/1730* *Co-req: MATH 1720*	3	F., Sp., Su.	MTSE 3001	Fundamentals II *Co/Pre-req: MTSE 3000*	3	Sp.
	PHYS 2240	Electricity & Magnetism Lab *Co/Pre-req: PHYS 2220*	1	F., Sp., Su.	MTSE 3110	Quantum Materials *Pre-req: MTSE 3000, PHYS 2220*	3	Sp.
	MTSE 3000	Fundamentals I *Pre-req: CHEM 1410, 1430*	3	F., Sp.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	ENGR 2301	Statics *Pre-reqs: MATH 1710, PHYS 1710, 1730*	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	MTSE 3010	Bonding and Structure *Pre-req: MTSE 3000*	3	F.	MTSE 3050	Mechanical Properties *Pre-req: MTSE 3000*	3	Sp.
	MTSE 3020	Microstructure and Characterization *Pre-req: MTSE 3000*	3	F.	MTSE 3060	Phase Transformations *Pre-req: MTSE 3010, 3030, 3040*	3	Sp.
	MTSE 3030	Thermodynamics and Phase Diagrams *Pre-req: MTSE 3000*	3	F.	MTSE 3070	Elect., Optical, Magnetic Properties *Pre-req: MTSE 3000*	3	Sp.
	MTSE 3040	Transport Phenomena *Pre-req: MTSE 3000, MATH 3410*	3	F.	MTSE 3080	Materials Processing *Pre-req: MTSE 3040*	3	Sp.
	MTSE 3090	Laboratory I *Pre-req: MTSE 3000*	1	F.	MTSE 3100	Laboratory II *Pre-req: MTSE 3090*	1	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		16		Total Hours		16	
Year Four	MTSE 4010	Physical Metallurgy Principles *Pre-reqs: MTSE 3010, 3030, 3040*	3	F.	MTSE 4050	Polymer Science and Engineering *Pre-req: MTSE 3000*	3	Sp.
	MTSE 4030	Ceramic Science and Engineering *Pre-reqs: MTSE 3010, 3020, 3040*	3	F.	MTSE 4100	Senior Design II *Pre-req: MTSE 4090*	3	Sp.
	MTSE 4060	Selection and Performance *Pre-reqs: MTSE 3030, 3040, 3050*	3	F.	MTSE Elective	MTSE 4020 or MTSE 4040 or MTSE 4070 Must complete pre-reqs	3	Sp.
	MTSE 4090	Senior Design I *Pre-reqs: MTSE 3010, 3020, 3030, 3040, 3050, 3070, 3080*	3	F.	MTSE Elective	MTSE 4020 or MTSE 4040 or MTSE 4070 Must complete pre-reqs	3	Sp.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	Total Hours		12	
	Total Hours		15					

ENGL, TECM, MATH, CHEM, PHYS, ENGR, and MTSE 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. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Materials Science and Engineering – Pre-Calculus

2025-2026 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 *Pre-req: MATH 1100, 1600 or Test Placement*	5	F., Sp., Su.	MATH 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.
	CHEM 1410	General Chemistry I *Pre-req: MATH 1100 or higher*	3	F., Sp., Su.	CHEM 1420	General Chemistry II *Pre-req: CHEM 1410, 1430*	3	F., Sp., Su.
	CHEM 1430	General Chemistry I Lab *Co/Pre-req: CHEM 1410*	1	F., Sp., Su.	TECM 2700	Technical Writing *Pre-req: Communication Core*	3	F., Sp., Su.
	MTSE 1100	Discover How and Why Materials Matter	3	F.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp.
	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		Total Hours		16	
Year Two	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.	MATH 3410	Differential Equations *Pre-req: MATH 1720*	3	F., Sp., Su.
	PHYS 1710	Mechanics *Pre-req: MATH 1710*	3	F., Sp., Su.	MATH 2730	Multivariable Calculus *Pre-req: MATH 1720*	3	F., Sp., Su.
	PHYS 1730	Mechanics Lab *Co/Pre-req: PHYS 1710*	1	F., Sp., Su.	PHYS 2220	Electricity & Magnetism *Pre-req: PHYS 1710/1730* *Co-req: MATH 1720*	3	F., Sp., Su.
	MTSE 3000	Fundamentals I *Pre-req: CHEM 1410, 1430*	3	F., Sp.	PHYS 2240	Electricity & Magnetism Lab *Co/Pre-req: PHYS 2220*	1	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	MTSE 3001	Fundamentals II *Co/Pre-req: MTSE 3000*	3	Sp.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	ENGR 2301	Statics *Pre-reqs: MATH 1710, PHYS 1710, 1730*	3	F., Sp., Su
	Total Hours		16		Total Hours		16	
Year Three	MTSE 3010	Bonding and Structure *Pre-req: MTSE 3000*	3	F.	MTSE 3050	Mechanical Properties *Pre-req: MTSE 3000*	3	Sp.
	MTSE 3020	Microstructure and Characterization *Pre-req: MTSE 3000*	3	F.	MTSE 3060	Phase Transformations *Pre-req: MTSE 3010, 3030, 3040*	3	Sp.
	MTSE 3030	Thermodynamics and Phase Diagrams *Pre-req: MTSE 3000*	3	F.	MTSE 3070	Elect., Optical, Magnetic Properties *Pre-req: MTSE 3000*	3	Sp.
	MTSE 3040	Transport Phenomena *Pre-req: MTSE 3000, MATH 3410*	3	F.	MTSE 3080	Materials Processing *Pre-req: MTSE 3040*	3	Sp.
	MTSE 3090	Laboratory I *Pre-req: MTSE 3000*	1	F.	MTSE 3100	Laboratory II *Pre-req: MTSE 3090*	1	Sp.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	MTSE 3110	Quantum Materials *Pre-req: MTSE 3000, PHYS 2220*	3	F., Sp.
	Total Hours		16		Total Hours		16	
Year Four	MTSE 4010	Physical Metallurgy Principles *Pre-reqs: MTSE 3010, 3030, 3040*	3	F.	MTSE 4050	Polymer Science and Engineering *Pre-req: MTSE 3000*	3	Sp.
	MTSE 4030	Ceramic Science and Engineering *Pre-reqs: MTSE 3010, 3020, 3040*	3	F.	MTSE 4100	Senior Design II *Pre-req: MTSE 4090*	3	Sp.
	MTSE 4060	Selection and Performance *Pre-reqs: MTSE 3030, 3040, 3050*	3	F.	MTSE Elective	MTSE 4020 or MTSE 4040 or MTSE 4070 Must complete pre-reqs	3	Sp.
	MTSE 4090	Senior Design I *Pre-reqs: MTSE 3010, 3020, 3030, 3040, 3050, 3070, 3080*	3	F.	MTSE Elective	MTSE 4020 or MTSE 4040 or MTSE 4070 Must complete pre-reqs	3	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	

ENGL, TECM, MATH, CHEM, PHYS, ENGR, and MTSE 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. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Materials Science and Engineering – College Algebra

2025-2026 Catalog: Sample Five-Year Schedule

	Fall Semester	Course Title	Credit Hours	Term(s) Offered	Spring Semester	Course Title	Credit Hours	Term(s) Offered
Year One	MATH 1100	College Algebra *Pre-req: TSI Completion*	3	F., Sp., Su.	MATH 1650	Pre-Calculus *Pre-req: MATH 1100, 1600 or Test Placement*	5	F., Sp., Su.
	MTSE 1100	Discover How and Why Materials Matter	3	F.	CHEM 1410	General Chemistry I *Pre-req: MATH 1100 or higher*	3	F., Sp., Su.
	Comm. Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	CHEM 1430	General Chemistry I Lab *Co/Pre-req: CHEM 1410*	1	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	TECM 2700	Technical Writing *Pre-req: Communication Core*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	Total Hours		12	
	Total Hours		15					
Year Two	MATH 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.
	CHEM 1420	General Chemistry II *Pre-req: CHEM 1410, 1430*	3	F., Sp., Su.	PHYS 1710	Mechanics *Pre-req: MATH 1710*	3	F., Sp., Su.
	MTSE 3000	Fundamentals I *Pre-req: CHEM 1410, 1430*	3	F., Sp.	PHYS 1730	Mechanics Lab *Co/Pre-req: PHYS 1710*	1	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	MTSE 3001	Fundamentals II *Co/Pre-req: MTSE 3000*	3	Sp.
	Total Hours		13		University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
					Total Hours		13	
Year Three	MATH 2730	Multivariable Calculus *Pre-req: MATH 1720*	3	F., Sp., Su.	MATH 3410	Differential Equations *Pre-req: MATH 1720*	3	F., Sp., Su.
	PHYS 2220	Electricity & Magnetism *Pre-req: PHYS 1710/1730* *Co-req: MATH 1720*	3	F., Sp., Su.	MTSE 3110	Quantum Materials *Pre-req: MTSE 3000, PHYS 2220*	3	F., Sp.
	PHYS 2240	Electricity & Magnetism Lab *Co/Pre-req: PHYS 2220*	1	F., Sp., Su.	MTSE 3050	Mechanical Properties *Pre-req: MTSE 3000*	3	Sp.
	ENGR 2301	Statics *Pre-reqs: MATH 1710, PHYS 1710, 1730*	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		12	
	Total Hours		13					
Year Four	MTSE 3010	Bonding and Structure *Pre-req: MTSE 3000*	3	F.	MTSE 3060	Phase Transformations *Pre-req: MTSE 3010, 3030, 3040*	3	Sp.
	MTSE 3020	Microstructure and Characterization *Pre-req: MTSE 3000*	3	F.	MTSE 3070	Elect., Optical, Magnetic Properties *Pre-req: MTSE 3000*	3	Sp.
	MTSE 3030	Thermodynamics and Phase Diagrams *Pre-req: MTSE 3000*	3	F.	MTSE 3080	Materials Processing *Pre-req: MTSE 3040*	3	Sp.
	MTSE 3040	Transport Phenomena *Pre-req: MTSE 3000, MATH 3410*	3	F.	MTSE 3100	Laboratory II *Pre-req: MTSE 3090*	1	Sp.
	MTSE 3090	Laboratory I *Pre-req: MTSE 3000*	1	F.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		13		Total Hours		13	
Year Five	MTSE 4010	Physical Metallurgy Principles *Pre-reqs: MTSE 3010, 3030, 3040*	3	F.	MTSE 4050	Polymer Science and Engineering *Pre-req: MTSE 3000*	3	Sp.
	MTSE 4030	Ceramic Science and Engineering *Pre-reqs: MTSE 3010, 3020, 3040*	3	F.	MTSE 4100	Senior Design II *Pre-req: MTSE 4090*	3	Sp.
	MTSE 4060	Selection and Performance *Pre-reqs: MTSE 3030, 3040, 3050*	3	F.	MTSE Elective	MTSE 4020 or MTSE 4040 or MTSE 4070 Must complete pre-reqs	3	Sp.
	MTSE 4090	Senior Design I *Pre-reqs: MTSE 3010, 3020, 3030, 3040, 3050, 3070, 3080*	3	F.	MTSE Elective	MTSE 4020 or MTSE 4040 or MTSE 4070 Must complete pre-reqs	3	Sp.
	Total Hours		12		Total Hours		12	

ENGL, TECM, MATH, CHEM, PHYS, ENGR, and MTSE 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. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Mechanical and Energy Engineering

Bachelor of Science (B.S.) degree with a major in Mechanical and Energy Engineering
Department of Mechanical Engineering, Discovery Park (NTDP) F-101; (940) 565-2400

University Core

COMMUNICATION

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu
  Grade of "C" or better is required

AMERICAN HISTORY I

- ❑ 1 Course (3 Hours) chosen from HIST 2610 or HIST 2675

AMERICAN HISTORY II

- ❑ 1 Course (3 Hours) chosen from HIST 2620 or HIST 2685

FEDERAL GOVERNMENT/POLITICAL SCIENCE

- ❑ 1 Course (3 Hours) chosen from PSCI 2305 or PSCI 2315

STATE GOVERNMENT/POLITICAL SCIENCE

- ❑ 1 Course (3 Hours) chosen from PSCI 2306 or PSCI 2316

CREATIVE ARTS

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

LANGUAGE, PHILOSOPHY, AND CULTURE

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

SOCIAL AND BEHAVIORAL SCIENCES

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

Major Requirements
Grades of C or better

TECHNICAL COMMUNICATIONS

- ❑ TECM 2700, Technical Writing (3 Hours)

MATHEMATICS

- ❑ MATH 1710, Calculus I (4 Hours)
- ❑ MATH 1720, Calculus II (3 Hours)
- ❑ MATH 2700, Linear Algebra (3 Hours)
- ❑ MATH 2730, Multivariable Calculus (3 Hours)
- ❑ MATH 3410, Differential Equations (3 Hours)

SCIENCES

- ❑ PHYS 1710, Mechanics (3 Hours) &
  PHYS 1730 Mechanics Lab (1 Hour)
- ❑ PHYS 2220, Electricity & Magnetism (3 Hours) &
  PHYS 2240, Electricity & Magnetism Lab (1 Hour)
- ❑ CHEM 1410, General Chemistry I (3 Hours) &
  CHEM 1430, General Chemistry I Lab (1 Hour)

Major Requirements
Grades of C or better

MECHANICAL AND ENERGY ENGINEERING

- ❑ ENGR 1304, Engineering Graphics (3 Hours)
- ❑ ENGR 2301, Statics (3 Hours)
- ❑ ENGR 2302, Dynamics (3 Hours)
- ❑ ENGR 2332, Mechanics of Materials (3 Hours)
- ❑ EENG 2610, Circuit Analysis (3 Hours)
- ❑ ENGR 3450, Engineering Materials (4 Hours)

- ❑ MEEN 1000, Discover Mechanical and Energy (2 Hours)
- ❑ MEEN 2110, Engineering Data Analysis (3 Hours)
- ❑ MEEN 2210, Thermodynamics I (3 Hours)
- ❑ MEEN 2240, Programming for Mechanical Engr. (3 Hours)
- ❑ MEEN 3100, Manufacturing Processes (3 Hours)
- ❑ MEEN 3110, Thermodynamics II (3 Hours)
- ❑ MEEN 3120, Fluid Mechanics (3 Hours)
- ❑ MEEN 3130, Machine Elements (3 Hours)
- ❑ MEEN 3210, Heat Transfer (3 Hours)
- ❑ MEEN 3230, System Dynamics and Controls (3 Hours)
- ❑ MEEN 3240, Laboratory I (2 Hours)
- ❑ MEEN 3242, Laboratory II (1 Hour)
- ❑ MEEN 3250, Numerical Methods for MEE Engineers (3 Hours)
- ❑ MEEN 4150, Design I (3 Hours)
- ❑ MEEN 4250, Capstone Design (3 Hours)

ENERGY ELECTIVES

- ❑ 1 Energy Elective course (3 Hours)
- ❑ 1 Energy Elective course (3 Hours)

See mydegreeaudit.unt.edu or catalog.unt.edu for list of Energy Elective course options.

TECHNICAL ELECTIVES

- ❑ 1 Technical Elective course (3 Hours)
- ❑ 1 Technical Elective course (3 Hours)

See mydegreeaudit.unt.edu or catalog.unt.edu for list of Technical Elective course options.

This is an unofficial simplified checklist effective fall 2025. Degree requirements may change.
You may need elective courses to help reach a minimum of 127 Total Hours and 42 Advanced Hours. Check with your advisor.

Mechanical and Energy Engineering – Calculus I

2025-2026 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 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.
	CHEM 1410	General Chemistry I *Pre-req: MATH 1100 or higher*	3	F., Sp., Su.	PHYS 1710	Mechanics *Pre-req: MATH 1710*	3	F., Sp., Su.
	CHEM 1430	General Chemistry I Lab *Co/Pre-req: CHEM 1410*	1	F., Sp., Su.	PHYS 1730	Mechanics Lab *Co/Pre-req: PHYS 1710*	1	F., Sp., Su.
	MEEN 1000	Discover Mechanical & Energy *Pre-req: MATH 1650*	2	F., Sp.	ENGR 1304	Engineering Graphics	3	F., Sp.
	Comm. Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	TECM 2700	Technical Writing *Pre-req: Communication Core*	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		16				16	
Year Two	MATH 2730	Multivariable Calculus *Pre-req: MATH 1720*	3	F., Sp., Su.	MATH 3410	Differential Equations *Pre-req: MATH 1720*	3	F., Sp., Su.
	PHYS 2220	Electricity & Magnetism *Pre-req: PHYS 1710/1730* *Co-req: MATH 1720*	3	F., Sp., Su.	MEEN 2210	Thermodynamics I *Pre-reqs: MEEN 1000, MATH 1720, & PHYS 1710*	3	F., Sp., Su.
	PHYS 2240	Electricity & Magnetism Lab *Co/Pre-req: PHYS 2220*	1	F., Sp., Su.	ENGR 2302	Dynamics *Pre-reqs: ENGR 2301 & MATH 1720*	3	F., Sp., Su.
	ENGR 2301	Statics *Pre-req: PHYS 1710/1730*	3	F., Sp., Su.	ENGR 2332	Mechanics of Materials *Pre-req: ENGR 2301*	3	F., Sp., Su.
	MEEN 2240	Programming for Mechanical Engineers *Pre-req: MEEN 1000, Co-req MATH 2700*	3	F., Sp.	EENG 2610	Circuit Analysis *Pre-req: MATH 1720* *Co/Pre-req: PHYS 2220/2240*	3	F., Sp., Su.
	MATH 2700	Linear Algebra *Pre-req: MATH 1720*	3	F., Sp., Su.	MEEN 2110	Engineering Data Analysis *Pre-reqs: MATH 2700 & MEEN 1000*	3	F., Sp.
	Total Hours		16				18	
Year Three	MEEN 3110	Thermodynamics II *Pre-req: MEEN 2210*	3	F., Sp., Su.	MEEN 3130	Machine Elements *Pre-reqs: ENGR 2332 & ENGR 1304*	3	F., Sp., Su.
	MEEN 3120	Fluid Mechanics *Pre-reqs: MATH 2730, MATH 3410, MEEN 2210, ENGR 2332*	3	F., Sp., Su.	MEEN 3210	Heat Transfer *Pre-reqs: MEEN 3110, 3120, 3250*	3	F., Sp., Su.
	MEEN 3240	Laboratory I *Pre-reqs: MEEN 2110, 2210, & MATH 3410*	2	F., Sp.	MEEN 3230	Dynamics and Controls *Pre-reqs: ENGR 2302, MATH 2700, 3410*	3	F., Sp., Su.
	MEEN 3250	Numerical Methods *Pre-reqs: MEEN 2240 & MATH 3410*	3	F., Sp.	MEEN 3242	Laboratory II *Pre-reqs: MEEN 3240 & 3120, Co/Pre-req: MEEN 3210*	1	F., Sp.
	ENGR 3450	Engineering Materials *Pre-req: PHYS 1710, CHEM 1410/1430, ENGR 2332*	4	F., Sp.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		15		University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
					Total Hours		16	
Year Four	MEEN 3100	Manufacturing Processes *Pre-reqs: ENGR 2332 and 3450*	3	F., Sp.	MEEN 4250	Capstone Design *Pre-req: MEEN 3100 & 4150*	3	F., Sp.
	MEEN 4150	Design I *Pre-reqs: EENG 2610, MEEN 3130, 3210, 3230, & 3242 Co/Pre-req: MEEN 3100*	3	F., Sp.	Energy Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.
	Energy Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.	Technical Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.
	Technical Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.	University Core	Options on mydegreeaudit.unt.edu	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				15	

ENGL, TECM, MATH, CHEM, PHYS, EENG, ENGR, and MEEN 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. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Mechanical and Energy Engineering – Pre-Calculus

2025-2026 Catalog: Sample Five-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 *Pre-req: MATH 1100, 1600 or Test Placement*	5	F., Sp., Su.	MATH 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.
	CHEM 1410	General Chemistry I *Pre-req: MATH 1100 or higher*	3	F., Sp., Su.	MEEN 1000	Discover Mechanical & Energy *Pre-req: MATH 1650*	2	F., Sp.
	CHEM 1430	General Chemistry I Lab *Co/Pre-req: CHEM 1410*	1	F., Sp., Su.	TECM 2700	Technical Writing *Pre-req: Communication Core*	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.
	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 Two	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.	MEEN 2240	Programming for Mechanical Engineers *Pre-req: MEEN 1000, Co-req MATH 2700*	3	F., Sp.
	PHYS 1710	Mechanics *Pre-req: MATH 1710*	3	F., Sp., Su.	ENGR 2301	Statics *Pre-req: PHYS 1710/1730, MEEN 1000*	3	F., Sp., Su.
	PHYS 1730	Mechanics Lab *Co/Pre-req: PHYS 1710*	1	F., Sp., Su.	MATH 2700	Linear Algebra *Pre-req: MATH 1720*	3	F., Sp., Su.
	ENGR 1304	Engineering Graphics	3	F., Sp.	MATH 2730	Multivariable Calculus *Pre-req: MATH 1720*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	PHYS 2220	Electricity & Magnetism *Pre-req: PHYS 1710/1730. Co-req: MATH 1720*	3	F., Sp., Su.
	Total Hours		13		PHYS 2240	Electricity & Magnetism Lab *Co/Pre-req: PHYS 2220*	1	F., Sp., Su.
					Total Hours		16	
Year Three	MATH 3410	Differential Equations *Pre-req: MATH 1720*	3	F., Sp., Su.	MEEN 2110	Engineering Data Analysis *Pre-reqs: MATH 2700 & MEEN 1000*	3	F., Sp.
	MEEN 2210	Thermodynamics I *Pre-reqs: MEEN 1000, MATH 1720, PHYS 1710*	3	F., Sp., Su.	MEEN 3110	Thermodynamics II *Pre-req: MEEN 2210*	3	F., Sp., Su.
	ENGR 2302	Dynamics *Pre-reqs: ENGR 2301 & MATH 1720*	3	F., Sp., Su.	ENGR 3450	Engineering Materials *Pre-req: PHYS 1710, CHEM 1410/1430, ENGR 2332*	4	F., Sp.
	ENGR 2332	Mechanics of Materials *Pre-req: ENGR 2301*	3	F., Sp., Su.	EENG 2610	Circuit Analysis *Pre-req: MATH 1720 Co/Pre-req: PHYS 2220/2240*	3	F., Sp., Su.
	Total Hours		12		Total Hours		13	
Year Four	MEEN 3120	Fluid Mechanics *Pre-reqs: MATH 2730, 3410, MEEN 2210, ENGR 2332*	3	F., Sp., Su.	MEEN 3130	Machine Elements *Pre-reqs: ENGR 2332 & ENGR 1304*	3	F., Sp., Su.
	MEEN 3240	Laboratory I *Pre-reqs: MEEN 2110, 2210, & MATH 3410*	2	F., Sp.	MEEN 3210	Heat Transfer *Pre-reqs: MEEN 3110, 3120, 3250*	3	F., Sp., Su.
	MEEN 3250	Numerical Methods *Pre-reqs: MEEN 2240 & MATH 3410*	3	F., Sp.	MEEN 3230	Dynamics and Controls *Pre-reqs: ENGR 2302, MATH 2700, 3410*	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	MEEN 3242	Laboratory II *Pre-reqs: MEEN 3240 & 3120, Co/Pre-req: MEEN 3210*	1	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		13	
Year Five	MEEN 3100	Manufacturing Processes *Pre-reqs: ENGR 2332 and 3450*	3	F., Sp.	MEEN 4250	Capstone Design *Pre-req: MEEN 3100 & 4150*	3	F., Sp.
	MEEN 4150	Design I *Pre-reqs: EENG 2610, MEEN 3130, 3210, 3230, & 3242 Co/Pre-req: MEEN 3100*	3	F., Sp.	Energy Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.
	Energy Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.	Technical Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.
	Technical Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.	Total Hours		9	
	Total Hours		12					

ENGL, TECM, MATH, CHEM, PHYS, EENG, ENGR, and MEEN 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. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Mechanical and Energy Engineering – College Algebra

2025-2026 Catalog: Sample Five-Year Schedule

	Fall Semester	Course Title	Credit Hours	Term(s) Offered	Spring Semester	Course Title	Credit Hours	Term(s) Offered
Year One	MATH 1100	College Algebra *Pre-req: TSI Completion*	3	F., Sp., Su.	MATH 1650	Pre-Calculus *Pre-req: MATH 1100, 1600 or Test Placement*	5	F., Sp., Su.
	Comm. Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	TECM 2700	Technical Writing *Pre-req: Communication Core*	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.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		12		Total Hours		14	

	Fall Semester	Course Title	Credit Hours	Term(s) Offered	Spring Semester	Course Title	Credit Hours	Term(s) Offered
Year Two	MATH 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.
	CHEM 1410	General Chemistry I *Pre-req: MATH 1100 or higher*	3	F., Sp., Su.	PHYS 1710	Mechanics *Pre-req: MATH 1710*	3	F., Sp., Su.
	CHEM 1430	General Chemistry I Lab *Co/Pre-req: CHEM 1410*	1	F., Sp., Su.	PHYS 1730	Mechanics Lab *Co/Pre-req: PHYS 1710*	1	F., Sp., Su.
	MEEN 1000	Discover Mechanical & Energy *Pre-req: MATH 1650*	2	F., Sp.	ENGR 1304	Engineering Graphics	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		13		Total Hours		13	

	Fall Semester	Course Title	Credit Hours	Term(s) Offered	Spring Semester	Course Title	Credit Hours	Term(s) Offered
Year Three	MEEN 2240	Programming for Mechanical Engineers *Pre-req: MEEN 1000, Co-req MATH 2700*	3	F., Sp.	MATH 3410	Differential Equations *Pre-req: MATH 1720*	3	F., Sp., Su.
	ENGR 2301	Statics *Pre-req: PHYS 1710/1730, MEEN 1000*	3	F., Sp., Su.	MEEN 2110	Engineering Data Analysis *Pre-reqs: MATH 2700 & MEEN 1000*	3	F., Sp.
	MATH 2700	Linear Algebra *Pre-req: MATH 1720*	3	F., Sp., Su.	MEEN 2210	Thermodynamics I *Pre-reqs: MEEN 1000, MATH 1720, & PHYS 1710*	3	F., Sp., Su.
	MATH 2730	Multivariable Calculus *Pre-req: MATH 1720*	3	F., Sp., Su.	ENGR 2302	Dynamics *Pre-reqs: ENGR 2301 & MATH 1720*	3	F., Sp., Su.
	PHYS 2220	Electricity & Magnetism *Pre-req: PHYS 1710/1730. Co-req: MATH 1720*	3	F., Sp., Su.	ENGR 2332	Mechanics of Materials *Pre-req: ENGR 2301*	3	F., Sp., Su.
	PHYS 2240	Electricity & Magnetism Lab *Co/Pre-req: PHYS 2220*	1	F., Sp., Su.	Total Hours		15	
	Total Hours		16					

Year Four	MEEN 3110	Thermodynamics II *Pre-req: MEEN 2210*	3	F., Sp., Su.	MEEN 3130	Machine Elements *Pre-reqs: ENGR 2332 & ENGR 1304*	3	F., Sp., Su.
	MEEN 3120	Fluid Mechanics *Pre-reqs: MATH 2730, 3410, MEEN 2210, ENGR 2332*	3	F., Sp., Su.	MEEN 3210	Heat Transfer *Pre-reqs: MEEN 3110, 3120, 3250*	3	F., Sp., Su.
	MEEN 3240	Laboratory I *Pre-reqs: MEEN 2110, 2210, & MATH 3410*	2	F., Sp.	MEEN 3230	Dynamics and Controls *Pre-reqs: ENGR 2302, MATH 2700, 3410*	3	F., Sp., Su.
	ENGR 3450	Engineering Materials *Pre-req: PHYS 1710, CHEM 1410/1430, ENGR 2332*	4	F., Sp.	MEEN 3242	Laboratory II *Pre-reqs: MEEN 3240 & 3120, Co/Pre-req: MEEN 3210*	1	F., Sp.
	MEEN 3250	Numerical Methods *Pre-reqs: MEEN 2240 & MATH 3410*	3	F., Sp.	EENG 2610	Circuit Analysis *Pre-req: MATH 1720 Co/Pre-req: PHYS 2220/2240*	3	F., Sp., Su.
	Total Hours		15		Total Hours		13	

Year Five	MEEN 3100	Manufacturing Processes *Pre-reqs: ENGR 2332 and 3450*	3	F., Sp.	MEEN 4250	Capstone Design *Pre-req: MEEN 3100 & 4150*	3	F., Sp.
	MEEN 4150	Design I *Pre-reqs: EENG 2610, MEEN 3130, 3210, 3230, & 3242 Co/Pre-req: MEEN 3100*	3	F., Sp.	Energy Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.
	Energy Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.	Technical Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.
	Technical Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	F., Sp.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		12		Total Hours		12	

ENGL, TECM, MATH, CHEM, PHYS, EENG, ENGR, and MEEN 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. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Mechanical Engineering Technology

Bachelor of Science in Engineering Technology (B.S.E.T) degree with a major in Mechanical Engineering Technology
Department of Mechanical Engineering, Discovery Park (NTDP) F-115; (940) 565-2400

University Core

COMMUNICATION

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu
  Grade of "C" or better is required

AMERICAN HISTORY I

- ❑ 1 Course (3 Hours) chosen from HIST 2610 or HIST 2675

AMERICAN HISTORY II

- ❑ 1 Course (3 Hours) chosen from HIST 2620 or HIST 2685

FEDERAL GOVERNMENT/POLITICAL SCIENCE

- ❑ 1 Course (3 Hours) chosen from PSCI 2305 or PSCI 2315

STATE GOVERNMENT/POLITICAL SCIENCE

- ❑ 1 Course (3 Hours) chosen from PSCI 2306 or PSCI 2316

CREATIVE ARTS

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

LANGUAGE, PHILOSOPHY, AND CULTURE

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

SOCIAL AND BEHAVIORAL SCIENCES

- ❑ 1 Course (3 Hours) – see mydegreeaudit.unt.edu

Major Requirements
Grades of C or better

TECHNICAL COMMUNICATIONS

- ❑ TECM 2700, Technical Writing (3 Hours)

MATHEMATICS

- ❑ MATH 1710, Calculus I (4 Hours)
- ❑ MATH 1720, Calculus II (3 Hours)

SCIENCES

- ❑ PHYS 1710, Mechanics (3 Hours) &
  PHYS 1730 Mechanics Lab (1 Hour)
- ❑ PHYS 2220, Electricity & Magnetism (3 Hours) &
  PHYS 2240, Electricity & Magnetism Lab (1 Hour)
- ❑ CHEM 1410, General Chemistry I (3 Hours) &
  CHEM 1430, General Chemistry I Lab (1 Hour)

COMPUTER PROGRAMMING

- ❑ CSCE 1030, Computer Science I (3 Hours)

Major Requirements
Grades of C or better

MECHANICAL ENGINEERING TECHNOLOGY

- ❑ ENGR 1030, Technological Systems (3 Hours)
- ❑ ENGR 1304, Engineering Graphics (3 Hours)
- ❑ ENGR 2301, Statics (3 Hours)
- ❑ ENGR 2302, Dynamics (3 Hours)
- ❑ ENGR 2332, Mechanics of Materials (3 Hours)
- ❑ EENG 2610, Circuit Analysis (3 Hours) &
  EENG 2611, Circuit Analysis Lab (1 Hour)
- ❑ ENGR 3450, Engineering Materials (4 Hours)

- ❑ MEET 3550, Geometrical Dimensions & Tolerancing (3 hours)
- ❑ MEET 3650, Design of Mechanical Components (3 Hours)
- ❑ MEET 3940, Fluid Mechanics Applications (3 Hours)
- ❑ MEET 3980, Digital Control of Industrial Processes (3 Hours)
- ❑ MEET 3990, Applied Thermodynamics (3 Hours)
- ❑ MEET 4050, Mechanical Design (3 Hours)
- ❑ MEET 4350, Heat Transfer Applications (3 Hours)
- ❑ MEET 4360, Experimental Thermal Sciences (3 Hours)
- ❑ MEET 4780, Senior Design I (1 Hour)
- ❑ MEET 4790, Senior Design II (3 Hours)

- ❑ MFET 3110, Machining Principles and Processes (3 Hours)
- ❑ MFET 4190, Quality Assurance (3 Hours)
- ❑ MFET 4200, Engineering Cost Analysis (3 Hours)
- ❑ MFET 4210, CAD/CAM System Operations (3 Hours)

TECHNICAL COURSES

- ❑ Advanced level (3*** or 4*** level) course chosen from appropriate elective options (3 Hours)
- ❑ Advanced level (3*** or 4*** level) course chosen from appropriate elective options (3 Hours)
- ❑ Any level course chosen from appropriate elective options (3 Hours)

Recommended elective options are below:

MFET 4220	LGAV 3100	CNET 3410
MEET 3750	LGAV 3110	MKTG 3651
MEET 4100	LGAV 3120	MGMT 3820
	LGAV 3130	MGMT 3850

Completion of MEET 3550, MFET 3110, MFET 4190, MFET 4200, and MFET 4210 at UNT also earns a Certificate in Manufacturing Engineering Technology upon graduation.

MISC. Elective

- ❑ 1 course (1 Hour) may be required to reach 122 total hours (check with advisor)

This is an unofficial simplified checklist effective fall 2025. Degree requirements may change.
You may need elective courses to help reach a minimum of 122 Total Hours and 42 Advanced Hours. Check with your advisor.

Mechanical Engineering Technology – Calculus I

2025-2026 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 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.
	CHEM 1410	General Chemistry I *Pre-req: MATH 1100 or higher*	3	F., Sp., Su.	PHYS 1710	Mechanics *Pre-req: MATH 1710*	3	F., Sp., Su.
	CHEM 1430	General Chemistry I Lab *Co/Pre-req: CHEM 1410*	1	F., Sp., Su.	PHYS 1730	Mechanics Lab *Co/Pre-req: PHYS 1710*	1	F., Sp., Su.
	ENGR 1030	Technological Systems	3	F., Sp.	TECM 2700	Technical Writing *Pre-req: Communication Core*	3	F., Sp., Su.
	Comm. Core	Options on mydegreeaudit.unt.edu	3	F., Sp.	ENGR 1304	Engineering Graphics	3	F., Sp., Su.
	Total Hours		14		University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
					Total Hours		16	
Year Two	PHYS 2220	Electricity and Magnetism *Pre-req: PHYS 1710, 1730. Co-req: MATH 1720*	3	F., Sp., Su.	ENGR 2302	Dynamics *Pre-reqs: ENGR 2301, MATH 1720*	3	F., Sp., Su.
	PHYS 2240	Electricity and Magnetism Lab *Co-req/pre-req: PHYS 2220*	1	F., Sp., Su.	ENGR 2332	Mechanics of Materials *Pre-reqs: ENGR 2301*	3	F., Sp., Su.
	ENGR 2301	Statics *Pre-reqs: PHYS 1710, 1730*	3	F., Sp., Su.	EENG 2610	Circuit Analysis *Pre-req: MATH 1720* *Co/Pre-req: PHYS 2220/2240*	3	F., Sp., Su.
	CSCE 1030	Computer Science I *Pre-req: MATH 1100. CSCE 1010 & 1015 reqs (waived for MEET Majors).*	3	F., Sp., Su.	EENG 2611	Circuit Analysis Lab *Co/Pre-req: EENG 2610*	1	F., Sp., Su.
	University Core	Options at mydegreeaudit.unt.edu	3	F., Sp, Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		13		University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
					Total Hours		16	
Year Three	ENGR 3450	Engineering Materials *Pre-reqs: ENGR 2332, CHEM 1410/1430 and PHYS 1710/1730*	4	F., Sp.	MEET 3980	Digital Controls of Industrial Processes *Pre-reqs: EENG 2610/2611 and CSCE 1030*	3	Sp.
	MEET 3940	Fluid Mechanics Applications *Pre-req: ENGR 2302, MATH 1720*	3	F., Su.	MEET 3650	Design of Mechanical Components *Pre-req: ENGR 2332*	3	F., Sp., Su.
	MEET 3990	Applied Thermodynamics *Pre-req: ENGR 2332, CHEM 1410/1430*	3	F., Su.	MFET 4190	Quality Assurance *Pre-req: MATH 1720*	3	Sp.
	MFET 3110	Machining Principles and Processes *Pre-req: MATH 1650* *Co-req: ENGR 3450*	3	F., Sp.	MFET 4210	CAD/CAM System Operation *Pre-req: MFET 3110, ENGR 1304, and MATH/PHYS/CHEM requirements*	3	F., Sp.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	MEET 3550	Geometric Dimens. and Tolerancing *Pre-reqs: MFET 3110, ENGR 1304*	3	Sp.
	Total Hours		16		Total Hours		15	
Year Four	MEET 4050	Mechanical Design *Pre-req: MEET 3650*	3	F.	MEET 4790	Senior Design II *Pre-req: MEET 4780*	3	Sp.
	MEET 4350	Heat Transfer Applications *Pre-req: MEET 3940, 3990*	3	F.	MEET 4360	Experimental Thermal Sciences *Pre-req: MEET 3940, 3990, 4350*	3	Sp.
	MEET 4780	Senior Design I Pre-reqs: ENGR 3450 and MEET 3980 *Co/Pre-req: MFET 4210, MEET 4050, 4350*	1	F.	Advanced Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies
	MFET 4200	Engineering Cost Analysis *Pre-req: MATH 1720*	3	F.	Technical Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies
	Advanced Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	MISC Elective	MISC. Elective to reach 122 Hours or Component Area Core (If needed)	1	F., Sp., Su.
	Total Hours		16		Total Hours		16	

ENGL, TECM, MATH, CHEM, PHYS, ENGR, CSCE, MEET, and MFET 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. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Mechanical Engineering Technology – Pre-Calculus

2025-2026 Catalog: Sample Five-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 *Pre-req: MATH 1100, 1600 or Test Placement*	5	F., Sp., Su.	MATH 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.
	CHEM 1410	General Chemistry I *Pre-req: MATH 1100 or higher*	3	F., Sp., Su.	ENGR 1030	Technological Systems	3	F., Sp.
	CHEM 1430	General Chemistry I Lab *Co/Pre-req: CHEM 1410*	1	F., Sp., Su.	TECM 2700	Technical Writing *Pre-req: Communication Core*	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		12		Total Hours		13	
Year Two	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.	PHYS 2220	Electricity and Magnetism *Pre-req: PHYS 1710, 1730. Co-req: MATH 1720*	3	F., Sp., Su.
	PHYS 1710	Mechanics *Pre-req: MATH 1710*	3	F., Sp., Su.	PHYS 2240	Electricity and Magnetism Lab *Co-req/pre-req: PHYS 2220*	1	F., Sp., Su.
	PHYS 1730	Mechanics Lab *Co/Pre-req: PHYS 1710*	1	F., Sp., Su.	ENGR 2301	Statics *Pre-reqs: PHYS 1710, 1730*	3	F., Sp., Su.
	ENGR 1304	Engineering Graphics	3	F., Sp.	CSCE 1030	Computer Science I *Pre-req: MATH 1100. CSCE 1010 & 1015 reqs (waived for MEET Majors).*	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		13		Total Hours		13	
Year Three	ENGR 2302	Dynamics *Pre-reqs: ENGR 2301, MATH 1720*	3	F., Sp., Su.	ENGR 3450	Engineering Materials *Pre-reqs: ENGR 2332, CHEM 1410/1430, PHYS 1710/1730*	4	F., Sp.
	ENGR 2332	Mechanics of Materials *Pre-reqs: ENGR 2301*	3	F., Sp., Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	EENG 2610	Circuit Analysis *Pre-req: MATH 1720* *Co/Pre-req: PHYS 2220/2240*	3	F., Sp., Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	EENG 2611	Circuit Analysis Lab *Co/Pre-req: EENG 2610*	1	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		13	
	Total Hours		13					
Year Four	MEET 3940	Fluid Mechanics Applications *Pre-req: ENGR 2302, MATH 1720*	3	F., Su.	MEET 3980	Digital Controls of Industrial Processes *Pre-reqs: EENG 2610/2611, CSCE 1030*	3	Sp.
	MEET 3990	Applied Thermodynamics *Pre-req: ENGR 2332, CHEM 1410/1430*	3	F., Su.	MEET 3650	Design of Mechanical Components *Pre-req: ENGR 2332*	3	F., Sp., Su. .
	MFET 3110	Machining Principles and Processes *Pre-req: MATH 1650* *Co-req: ENGR 3450*	3	F., Sp.	MFET 4210	CAD/CAM System Operation *Pre-req: MFET 3110, ENGR 1304, and MATH/PHYS/CHEM requirements*	3	F., Sp.
	Advanced Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies	MEET 3550	Geometric Dimens. and Tolerancing *Pre-reqs: MFET 3110, ENGR 1304*	3	Sp.
	Total Hours		12		Total Hours		12	
Year Five	MEET 4050	Mechanical Design *Pre-req: MEET 3650*	3	F.	MEET 4790	Senior Design II *Pre-req: MEET 4780*	3	Sp.
	MEET 4350	Heat Transfer Applications *Pre-req: MEET 3940, 3990*	3	F.	MEET 4360	Experimental Thermal Sciences *Pre-req: MEET 3940, 3990, 4350*	3	Sp.
	MEET 4780	Senior Design I Pre-reqs: ENGR 3450 and MEET 3980 *Co/Pre-req: MFET 4210, MEET 4050, 4350*	1	F.	MFET 4190	Quality Assurance *Pre-req: MATH 1720*	3	Sp.
	MFET 4200	Engineering Cost Analysis *Pre-req: MATH 1720*	3	F.	Total Hours		9	
	Advanced Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies				
	Total Hours		13					

ENGL, TECM, MATH, CHEM, PHYS, ENGR, CSCE, MEET, and MFET 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. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Mechanical Engineering Technology – College Algebra

2025-2026 Catalog: Sample Five-Year Schedule

	Fall Semester	Course Title	Credit Hours	Term(s) Offered	Spring Semester	Course Title	Credit Hours	Term(s) Offered
Year One	MATH 1100	College Algebra *Pre-req: TSI Completion*	3	F., Sp., Su.	MATH 1650	Pre-Calculus *Pre-req: MATH 1100, 1600 or Test Placement*	5	F., Sp., Su.
	ENGR 1030	Technological Systems	3	F., Sp.	TECM 2700	Technical Writing *Pre-req: Communication Core*	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.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	Total Hours		12		Total Hours		14	
Year Two	MATH 1710	Calculus I *Pre-req: MATH 1650 or Test Placement*	4	F., Sp., Su.	MATH 1720	Calculus II *Pre-req: MATH 1710*	3	F., Sp., Su.
	CHEM 1410	General Chemistry I *Pre-req: MATH 1100 or higher*	3	F., Sp., Su.	PHYS 1710	Mechanics *Pre-req: MATH 1710*	3	F., Sp., Su.
	CHEM 1430	General Chemistry I Lab *Co/Pre-req: CHEM 1410*	1	F., Sp., Su.	PHYS 1730	Mechanics Lab *Co/Pre-req: PHYS 1710*	1	F., Sp., Su.
	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.	ENGR 1304	Engineering Graphics	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		14		Total Hours		13	
Year Three	PHYS 2220	Electricity and Magnetism *Pre-req: PHYS 1710, 1730. Co-req: MATH 1720*	3	F., Sp., Su.	ENGR 2302	Dynamics *Pre-reqs: ENGR 2301, MATH 1720*	3	F., Sp., Su.
	PHYS 2240	Electricity and Magnetism Lab *Co-req/pre-req: PHYS 2220*	1	F., Sp., Su.	ENGR 2332	Mechanics of Materials *Pre-reqs: ENGR 2301*	3	F., Sp., Su.
	EENG 2610 & 2611	Circuit Analysis & Lab *Pre-req: MATH 1720* *Co/Pre-req: PHYS 2220/2240*	4	F., Sp., Su.	MEET 3980	Digital Controls of Industrial Processes *Pre-reqs: EENG 2610/2611 and CSCE 1030*	3	Sp.
	ENGR 2301	Statics *Pre-reqs: PHYS 1710, 1730*	3	F., Sp.	University Core	Options on mydegreeaudit.unt.edu	3	F., Sp., Su.
	CSCE 1030	Computer Science I *Pre-req: MATH 1100. CSCE 1010 & 1015 reqs (waived for MEET Majors).*	3	F., Sp., Su.	Total Hours		12	
	Total Hours		14					
Year Four	ENGR 3450	Engineering Materials *Pre-reqs: ENGR 2332, CHEM 1410/1430 and PHYS 1710/1730*	4	F., Sp.	MEET 3650	Design of Mechanical Components *Pre-req: ENGR 2332*	3	F., Sp., Su.
	MEET 3940	Fluid Mechanics Applications *Pre-req: ENGR 2302, MATH 1720*	3	F., Su.	MFET 4190	Quality Assurance *Pre-req: MATH 1720*	3	Sp.
	MEET 3990	Applied Thermodynamics *Pre-req: ENGR 2332, CHEM 1410/1430*	3	F., Su.	MFET 4210	CAD/CAM System Operation *Pre-req: MFET 3110, ENGR 1304, and MATH/PHYS/CHEM requirements*	3	F., Sp.
	MFET 3110	Machining Principles and Processes *Pre-req: MATH 1650* *Co-req: ENGR 3450*	3	F., Sp.	MEET 3550	Geometric Dimens. and Tolerancing *Pre-reqs: MFET 3110, ENGR 1304*	3	Sp.
	Total Hours		13		Total Hours		12	
Year Five	MEET 4050	Mechanical Design *Pre-req: MEET 3650*	3	F.	MEET 4790	Senior Design II *Pre-req: MEET 4780*	3	Sp.
	MEET 4350	Heat Transfer Applications *Pre-req: MEET 3940, 3990*	3	F.	MEET 4360	Experimental Thermal Sciences *Pre-req: MEET 3940, 3990, 4350*	3	Sp.
	MEET 4780	Senior Design I Pre-reqs: ENGR 3450 and MEET 3980 *Co/Pre-req: MFET 4210, MEET 4050, 4350*	1	F.	Advanced Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies
	MFET 4200	Engineering Cost Analysis *Pre-req: MATH 1720*	3	F.	Total Hours		9	
	Advanced Elective	Options at mydegreeaudit.unt.edu Must complete pre-reqs	3	Varies				
	Total Hours		13					

ENGL, TECM, MATH, CHEM, PHYS, ENGR, CSCE, MEET, and MFET 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. You should check your degree audit at mydegreeaudit.unt.edu each term. You should meet with your advisor each term to discuss individual scheduling, program decisions, etc.

Minor Information

BIOMEDICAL ENGINEERING (19 Hours)
- ❑ BMEN 2210, DAQ Practices (3 Hours)
- ❑ BMEN 2320, Biomedical Instrumentation I (3 Hours)
- ❑ BMEN 3350, Biomedical Transport Phenomena (3 Hours)
- ❑ 6 hours chosen from BMEN 3311, 3312, 3321
- ❑ 3 hours chosen from BMEN 4***
- ❑ 1 hour chosen from BMEN *** (if needed to reach 19 hours)

CONSTRUCTION MANAGEMENT (18 Hours)
- ❑ CNET 1160, Construction Methods & Materials (3 Hours)
- ❑ CNET 2180, Building Construction Techniques (3 Hours)
- ❑ 12 hours chosen from:

CNET 2300 (3 Hours)	CNET 4170 (3 Hours)
CNET 3150 (3 Hours)	CNET 4180 (3 Hours)
CNET 3160 (3 Hours)	CNET 4190 (3 Hours)
CNET 3190 (3 Hours)	CNET 4630 (3 Hours)

COMPUTER SCIENCE AND ENGINEERING (18 Hours)
- ❑ CSCE 1030, Computer Science I (3 Hours), or CSCE 1035, Computer Programming I (3 Hours)
- ❑ CSCE 1040, Computer Science II (3 Hours), or CSCE 1045, Computer Programming II (3 Hours)
- ❑ CSCE 2100, Foundations of Computing (3 Hours)
- ❑ CSCE 2110, Foundations of Data Structures (3 Hours)
- ❑ 6 hours chosen from CSCE 3***, 4***

CYBERSECURITY (18 Hours)
- ❑ CSCE 1035, Computer Programming I (3 Hours)
- ❑ CSCE 1045, Computer Programming II (3 Hours)
- ❑ CSCE 2110, Foundations of Data Structures (3 Hours)
- ❑ CSCE 3550, Foundations of Security (3 Hours)
- ❑ CSCE 3560, Computer Systems Security (3 Hours)
- ❑ CSCE 3600, Systems Programming (3 Hours)

ELECTRICAL ENGINEERING (18 Hours)
- ❑ EENG 2610, Circuit Analysis, (3 Hours) & EENG 2611, Circuit Analysis Lab (1 Hour)
- ❑ EENG 2620, Signals and Systems (3 Hours) & EENG 2621, Signals and Systems Lab (1 Hour)
- ❑ EENG 2710, Digital Logic Design (3 Hours) & EENG 2711, Digital Logic Design Lab (1 Hour)
- ❑ EENG 3510, Electronics I (3 Hours)
- ❑ EENG 4***, EENG advanced level course (3 Hours)

GENERAL ENGINEERING TECHNOLOGY (18 Hours)
- ❑ 12 hours chosen from CNET, ENGR, MEET, MFET 1***, 2***, 3***, and/or 4*** level
- ❑ 6 hours chosen from CNET, ENGR, MEET, MFET 3*** and/or 4*** level

MATERIALS SCIENCE AND ENGINEERING (18 Hours)
- ❑ MTSE 3000, Fundamentals of Materials Sci. & Engr. I (3 Hours)
- ❑ 6 hours chosen from MTSE 3010, 3030, 3050, 3070
- ❑ 9 hours chosen from MTSE 3***, 4***

MECHANICAL AND ENERGY ENGINEERING (18 Hours)
- ❑ MEEN 2210, Thermodynamics I (3 Hours)
- ❑ ENGR 2302, Mechanics II (3 Hours)
- ❑ ENGR 2332, Mechanics III (3 Hours)
- ❑ 9 hours chosen from:

MEEN 3100 (3 Hours)
MEEN 3110 (3 Hours)
MEEN 3120 (3 Hours)
MEEN 3130 (3 Hours)
MEEN 3210 (3 Hours)
MEEN 3230 (3 Hours)
MEEN 3240 (2 Hours)
MEEN 3242 (1 Hour)
MEEN 4110 (3 Hours)
MEEN 4110 (3 Hours)
MEEN 4140 (3 Hours)

You must inform your advisor if you plan to pursue a minor. Your advisor must update your degree audit and your UNT transcript to reflect your minor. Completion of all minor requirements will not automatically earn the minor when you graduate unless your advisor has updated your degree audit and your UNT transcript.

You must complete appropriate prerequisites for minor courses. Minimum grades of "C" are required for most minor courses. Please review catalog.unt.edu for all minors offered at UNT.

Certificate Information

ADDITIVE AND DIGITAL MANUFACTURING (12 Hours)

- ❑ TECM 2700, Technical Writing (3 Hours)
- ❑ ENGR 2999Z or MTSE 2999Z or MEEN 2999Z (0 Hours) – includes 5,000 character report that address a product that can be additively or digitally manufactured.
- ❑ 9 hours chosen from:
  - BMEN 3312 (3 Hours)
  - BMEN 4100 (3 Hours)
  - BMEN 4312 (3 Hours)
  - DSCI 2710 (3 Hours)
  - ENGR 1304 (3 Hours)
  - ENGR 3450 (3 Hours)
  - MEET 3550 (3 Hours)
  - MEET 3750 (3 Hours)
  - MEET 4100 (3 Hours)
  - OPSM 3830 (3 Hours)
  - OPSM 4850 (3 Hours)
  - MTSE 3000 (3 Hours)
  - MTSE 4040 (3 Hours)
  - MTSE 4060 (3 Hours)
  - MTSE 4900 (Topic: Add. Manufacturing, 3 Hours)
  - MEEN 4800 (Topic: CAD/CAE, 3 Hours)

ARTIFICIAL INTELLIGENCE (12 Hours)

- ❑ CSCE 3201, Applied Artificial Intelligence (3 Hours)
- ❑ CSCE 3214, Software Development for AT (3 Hours)
- ❑ 6 hours chosen from CSCE 4205, CSCE 4290, CSCE 4300

COMMUNICATIONS SYSTEMS (12 Hours)

- ❑ EENG 3920, Modern Comm. System Design (3 hours)
- ❑ 9 hours chosen from:
  - EENG 4510 (3 Hours)
  - EENG 4520 (3 Hours)
  - EENG 4610 (3 Hours)
  - EENG 4810 (3 Hours)
  - EENG 4820 (3 Hours)

DIGITAL SYSTEMS (12 Hours)

- ❑ EENG 3910, DSP System Design (3 hours)
- ❑ 9 hours chosen from:
  - EENG 4710 (3 Hours)
  - EENG 4720 (3 Hours)
  - EENG 4740 (3 Hours)
  - EENG 4760 (3 Hours)

ELECTROMECHANICAL SYSTEMS AND MECHATRONICS (12 Hours)

- ❑ 12 hours chosen from:
  - EENG 2620 (3 Hours)
  - EENG 3510 (3 Hours)
  - EENG 3520 (3 Hours)
  - EENG 4310 (3 Hours)
  - ENGR 2302 (3 Hours)
  - MEEN 3130 (3 Hours)
  - MEEN 3230 (3 Hours)
  - MEEN 4760 (3 Hours)

GAME PROGRAMMING (12 Hours)

- ❑ CSCE 4210, Game Programming I (3 Hours)
- ❑ CSCE 4220, Game Programming II (3 Hours)
- ❑ CSCE 4250, Topics in Game Development (3 Hours)
- ❑ CSCE 4255, Programming Math & Physics for Games (3 Hours)

MANUFACTURING ENGINEERING TECHNOLOGY (15 Hours)

- ❑ MFET 3110, Machining Principles and Processes (3 Hours)
- ❑ MFET 4190, Quality Assurance (3 Hours)
- ❑ MFET 4200, Engineering Cost Analysis (3 Hours)
- ❑ MFET 4210, CAD/CAM System Operations (3 Hours)
- ❑ 3 hours chosen from:
  - MEET 3550 (3 Hours)
  - MEET 4750 (3 Hours)
  - MEET 4100 (3 Hours)
  - MFET 4220 (3 Hours

RF AND CIRCUIT DESIGN (12 Hours)

- ❑ EENG 3520, Electronics II (3 hours)
- ❑ 9 hours chosen from:
  - EENG 4410 (3 Hours)
  - EENG 4450 (3 Hours)
  - EENG 4530 (3 Hours)
  - EENG 4580 (3 Hours)
  - EENG 4710 (3 Hours)

SECURITY (18 Hours)

- ❑ CSCE 2610, Assembly Lang. and Comp. Organization (3 Hours)
- ❑ CSCE 3530, Intro. To Computer Networks (3 Hours)
- ❑ CSCE 3550, Foundations of Computer Security (3 Hours)
- ❑ CSCE 4350, Intro. To Database Systems Design (3 Hours)
- ❑ CSCE 4560, Secure Electronic Commerce (3 Hours)
- ❑ CSCE 4600, Operating Systems (3 Hours)

SIGNAL PROCESSING AND CONTROL (12 Hours)

- ❑ EENG 3910, DSP System Design (3 hours)
- ❑ 9 hours chosen from
  - EENG 4210 (3 Hours)
  - EENG 4310 (3 Hours)
  - EENG 4320 (3 Hours)
  - EENG 4610 (3 Hours)
  - EENG 4850 (3 Hours)

You must inform your advisor if you plan to pursue a certificate. Your advisor must update your degree audit and your UNT transcript to reflect your certificate. Completion of all certificate requirements will not automatically earn the certificate when you graduate unless your advisor has updated your degree audit and your UNT transcript.

You must complete appropriate prerequisites for certificate courses. Minimum grades of "C" are required for most certificate courses. Transfer credits cannot be applied to certificate requirements. Please review catalog.unt.edu for all certificates offered at UNT.

University Core Options

COMMUNICATION (1 Course)
ENGL 1310, First-Year Writing I
ENGL 1311, Honors First-Year Writing I
ENGL 1315, Writing about Literature I
TECM 1700, Intro. To Technical Writing

AMERICAN HISTORY I (1 Course)
HIST 2610, U.S. History to 1865
HIST 2675, Honors U.S. History to 1865

AMERICAN HISTORY II (1 Course)
HIST 2620, U.S. History from 1865
HIST 2685, Honors U.S. History from 1865

FEDERAL GOVT/POLI. SCIENCE (1 Course)
PSCI 2305, U.S. Political Behavior
PSCI 2315, Honors U.S. Political Behavior

STATE GOVT/POLI. SCIENCE (1 Course)
PSCI 2306, U.S. and Texas
PSCI 2316, Honors U.S. and Texas

CREATIVE ARTS (1 Course)
ANTH 2400, AnthroPop
ART 1300, Art Appreciation
ART 1301, Honors Art Appreciation
ART 2360, Art History Survey II
ART 2370, Art History Survey III
COMM 2060, Performance of Literature
DANC 1200, Appreciation of Dance
DANC 2800, Survey of Dance
MUCO 1200, Commercial Music
MUCO 3500, Cultures of Hip Hop
MUET 3060, African American Music
MUJS 3400, Understanding Jazz
MUMH 1610, Music as Communication
MUMH 2040, Music Appreciation
MUMH 2050, Sounds and Cinema
MUMH 2060, History of Rock
MUMH 3000, Nineteenth-Century Music

CREATIVE **ARTS Cont'd** (1 Course)
MUMH 3010, Twentieth Century Music
MUMH 3100, Music, Gender, Sexuality
MUMH 3200, Music as Politics
MUMH 3520, Western Music History
PHIL 1900, Philosophy of Art
THEA 1340, Aesthetics of the Theatre
THEA 2340, Theater Appreciation
THEA 3030, World Theatre to 1700

LANGUAGE, PHILOSOPHY, & CULTURE
(1 Course)
AGER 2250, Aging in Film and Lit
ANTH 3101, American Culture and Society
ANTH 3110, Indigenous People of N. Am.
ANTH 3120, Indigenous Cultures of S.W.
ANTH 3130, African American Anthropology
ANTH 3140, Latinos in the U.S.
ANTH 3200, Latin American Cultures
ANTH 3210, Mesoamerica
ANTH 3220, Mayan Culture
ANTH 3300, Peoples of the Pacific
ANTH 3400, Peoples of Africa
ANTH 3500, Peoples of the Middle East
ANTH 3700, Peoples & Cultures of South Asia
ANTH 3710, Peoples & Cultures of East Asia
ART 2350, Art History Survey I
ENGL 2321, British Literature
ENGL 2326, American Literature
ENGL 2331, World Literature
ENGL 2341, Forms of Literature
ENGL 2351, Mexican American Literature
ENGL 3450, Short Story
FREN 4060, Studies in French Literature
GEOG 1000, National Parks
HDFS 2313, Courtship and Marriage
HIST 1050, World History to 16th Century
HIST 1060, World History from 16th Century

LANGUAGE, PHILOSOPHY, & CULTURE **Cont'd**
(1 Course)
KINE 2050, Sociology of Sport
LING 2050, Language of Now
*LING 3010, African American English
MUET 2000, Global Perspectives
MUET 3030, Music Cultures of the World
PHIL 1050, Introduction to Philosophy
PHIL 1400, Contemporary Moral Issues
PHIL 2050, Introduction to Logic
PHIL 2070, World Religions
PHIL 2600, Ethics in Science
*THEA 3040, World Theatre from 1700

SOCIAL AND BEHAVIORAL SCIENCES (1 Course)
AGER 4560, Minority Aging
AGER 4800, Social Context of Aging
ANTH 1010, Intro. To Anthropology
ANTH 2300, Culture and Society
BEHV 2300, Behavior Principles I
CJUS 2100, Crime and Justice in the U.S.
COMM 2020, Interpersonal Comm.
EADP 1010, Exploring Disasters
EADP 4050, Special Pop. In Disasters
ECON 1100, Microeconomics
ECON 1110, Macroeconomics
FIPL 2770, Lessons in Money Education
GEOG 1200, Global Societies
GEOG 1500, Geospatial Technology
HDFS 1013, Human Development
HLTH 2200, Family Life and Human Sexuality
JOUR 1210, Mass Comm. And Society
LING 3060, Principles of Language
MDSE 2750, Consumers in Global Market
PADM 2100, Cultural Competency
PSYC 1630, General Psychology I
RESM 3450, Social Issues in RESM
RHAB 3100, Disability and Society
SOCI 1510, Intro to Sociology

AP, IB, CLEP, DC, Transfer – University Core Credits

COMMUNICATION
AP English Lang. And Comp. Score of 3
IB English A: Lang. and Lit. Score of 5
Community College: ENGL 1301
Community College: ENGL 1302

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 Theater Arts
Community College: ARTS 1301
Community College: ARTS 1304
Community College: MUSI 1306
Community College: DRAM 1310

LANGUAGE, PHILOSOPHY, & CULTURE
AP English Literature and Comp. score of 3
AP World History score of 3
IB History score
IB Philosophy score
IB English Language A: Lit.
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 Anthropology score
IB Economics score
IB Geography score
IB Psychology score
CLEP Macroeconomics
CLEP Microeconomics
CLEP Human Growth and Development
CLEP Introductory Psychology
CLEP Introductory Sociology
Community College: ANTH 2346
Community College: ANTH 2351
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

**Core courses are pending state approval. 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.*

TECHNICAL COMMUNICATIONS
Community College ENGL 2311: TECM 2700

WRITING/TECHNICAL COMMUNICATIONS
AP English Lang. And Comp. Score of 3: ENGL 1320
IB English A: Lang. and Lit. Score of 5: ENGL 1320
Community College ENGL 1302: ENGL 1320
Community College ENGL 2311: TECM 2700

BIOLOGY
AP Biology score of 3: BIOL 1112, 1122
AP Biology score of 4, 5: BIOL 1710, 1720, 1760
AP Environmental Science score of 3: BIOL 1132
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 1308/1108: BIOL 1***
Community College BIOL 1309/1109: BIOL 1***
Community College BIOL 1406: BIOL 1710, 1760
Community College BIOL 1407: BIOL 1720, 1760
Community College BIOL 1408: BIOL 1***
Community College BIOL 1409: BIOL 1***
Community College BIOL 2301/2101: BIOL 2301/2311
Community College BIOL 2302/2102: BIOL 2302/2312
Community College BIOL 2306/2106: BIOL 1132
Community College BIOL 2401: BIOL 2301/2311
Community College BIOL 2402: BIOL 2302/2312
Community College BIOL 2406: BIOL 1132

CHEMISTRY
AP Chemistry score of 3: CHEM 1360
AP Chemistry score of 4: CHEM 1410/1430
AP Chemistry score of 5: CHEM 1410/1430, 1420/1440
CLEP General Chemistry: CHEM 1410, 1420
IB Chemistry: CHEM 1410/1430, 1420/1440
Community College CHEM 1305: CHEM 1***
Community College CHEM 1307: CHEM 1***
Community College CHEM 1311/1111: CHEM 1410/1430
Community College CHEM 1312/1112: CHEM 1420/1440
Community College CHEM 1405: CHEM 1***
Community College CHEM 1407: CHEM 1***
Community College CHEM 1411: CHEM 1410/1430
Community College CHEM 1412: CHEM 1420/1440

PHYSICS
AP Physics 1 score of 3: PHYS 1210
AP Physics 1 score of 4: PHYS 1410/1430
AP Physics 2 score of 3: PHYS 1315
AP Physics 2 score of 4: PHYS 1420/1440
AP Physics C (Mechanics) score of 3: PHYS 1410/1430
AP Physics C (Mechanics) score of 4: PHYS 1710/1730
AP PHYS Physics C (Elect. & Mag.) score of 3: PHYS 1420/1440
AP PHYS Physics C (Elect. & Mag.) score of 4: PHYS 2220/2240
IB Physics: PHYS 1410/1430, 1420/1440
Community College PHYS 1301/1101: PHYS 1410/1430
Community College PHYS 1302/1102: PHYS 1420/1440
Community College PHYS 1401: PHYS 1410/1430
Community College PHYS 1402: PHYS 1420/1440
Community College PHYS 2325/2125: PHYS 1710/1730
Community College PHYS 2326/2126: PHYS 2220/2240
Community College PHYS 2425: PHYS 1710/1730
Community College PHYS 2426: PHYS 2220/2240

GEOLOGY/GEOGRAPHY
Community College GEOL 1401: GEOG 1710
Community College GEOL 1403: GEOL 1610

COMPUTING/PROGRAMMING
AP Computer Science A score of 3: CSCE 1010
AP Computer Science A score of 4: CSCE 1030
AP Computer Science Principles score of 3: CSCE 1010
IB Computer Science Computing Studies: CSCE 1030, 1040
CLEP Info Systems & Computer Applications: CSCE 1***
Community College COSC 1301: CSCE 1010
Community College COSC 1336 or 1436: CSCE 1030
Community College COSC 1337 or 1437: CSCE 1040
Community College COSC 2325 or 2425: CSCE 2610
Community College COSC 2336 or 2436: CSCE 2110
Community College MATH 2305: Substitutes for CSCE 2100

ENGINEERING
Community College ENGR 1201: ENGR 1201
Substitutes for ENGR 1030, MEEN 1000, MTSE 1100
Community College ENGR 1204 or 1304: ENGR 1304
Community College ENGR 2105: EENG 2611
Community College ENGR 2106: EENG 2711
Community College ENGR 2107: ENGR 2415
Community College ENGR 2301: ENGR 2301
Community College ENGR 2302: ENGR 2302
Community College ENGR 2332: ENGR 2332
Community College ENGR 2305: EENG 2610
Community College ENGR 2306: EENG 2710
Community College ENGR 2307: ENGR 2405
Community College ENGR 2405: EENG 2610/2611
Community College ENGR 2406: EENG 2710/2711

MATHEMATICS
AP Statistics score of 3: MATH 1680
AP Precalculus score of 3: MATH 1650
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 Math Analysis: MATH 1580
IB Math Analysis and Approaches: MATH 1580
IB Mathematic Studies: MATH 1580
IB Mathematics – Calculus: MATH 1710
IB Mathematics Unspecified: MATH 1***
CLEP College Mathematics: Elective
CLEP College Algebra: MATH 1100
CLEP Trigonometry: MATH 1600
CLEP Pre-calculus: MATH 1650
CLEP Calculus: MATH 1710
Community College MATH 1314 or 1414: MATH 1100
Community College MATH 1316: MATH 1600
Community College MATH 1324: MATH 1180
Community College MATH 1325 or 1425: MATH 1190
Community College MATH 1342 or 1442 or 2342 or 2442: MATH 1680
Community College MATH 2312 or 2412: MATH 1650
Community College MATH 2313 or 2413: MATH 1710
Community College MATH 2314 or 2414: MATH 1720
Community College MATH 2315 or 2415: MATH 2730
Community College MATH 2318 or 2418: MATH 2700
Community College MATH 2320 or 2420: MATH 3410
Community College ENGR 2300: Substitutes for MATH 2700

BUSINESS
AP Microeconomics score of 3: ECON 1100
CLEP Microeconomics: ECON 1100
Community College: ECON 2302
Community College ACCT 2301 or 2401: ACCT 2010
Community College BUSI 2305: DSCI 2710

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.

Resource Information

Catalog (Bulletin)	Catalog.unt.edu
Computer Access Labs	Computerlabs.unt.edu
Counseling, Health, Testing Services:	
Child and Family Resource Clinic	Coe.unt.edu/child-and-family-resource-clinic
Counseling and Human Development Center	Coe.unt.edu/counseling-and-human-development
Counseling and Testing Service	Studentaffairs.unt.edu/counseling-and-testing-services
Health and Wellness Center	Healthcenter.unt.edu
Psychology Clinic	Psychology.unt.edu/clinics-and-centers
Togetherall	Account.v2.togetherall.com/register/student
WELL Clinic	Untwell.unt.edu
Deadlines (Registration, Drop, Withdrawal, Payment, etc.)	Registrar.unt.edu/registration-guides-by-semester
Dean of Students (Resources, Withdraws, Complaints, etc.)	Deanofstudents.unt.edu
Email Account (EagleConnect)	It.unt.edu/eagleconnect
Engineering Student Organizations and Honor Societies	Engineering.unt.edu/students/organizations
Employment, Internships, and Job Skills:	
Career Center	Careercenter.unt.edu
InRoads Internships	Inroads.org
Texas Internships	Txinternshipchallenge.com
Housing	Housing.unt.edu
Libraries	Library.unt.edu
Office of Disability Access	Disability.unt.edu
Registrar (Drops, Excessive Hours, Registration, Transcripts Verification of Enrollment)	Registrar.unt.edu
Registration Information	Registration.unt.edu
Scholarships & Financial Assistance	
Engineering Scholarships	Engineering.unt.edu/students/scholarships
Financial Aid and Scholarships Office	Financialaid.unt.edu
Financial Services (Student Accounting)	Sfs.unt.edu
Money Management Center	Moneymanagement.unt.edu
Student Activities and Organizations	Studentactivities.unt.edu Engineering.unt.edu/support/student-organizations
Student Government Association	Sga.unt.edu
Student Legal Services	Studentlegal.unt.edu
Texas Success Initiative (TSI)	Vpaa.unt.edu/aservices/tsi
Tutoring and Academic Improvement Services:	
Business Tutor Labs	Cob.unt.edu/students/tutor-labs
Chemistry Resource Center	Chemistry.unt.edu/undergraduate/instructional-resources
Chegg	Chegg.com
Code Academy	Codeacademy.com
Coursera	Online.unt.edu/coursera
Economics Help Center	Economics.unt.edu/help-center
Educator	Educator.com
Edx	Edx.org
Khan Academy	Khanacademy.org
Learning Center	Learningcenter.unt.edu
LinkedIn Learning	Linkedin.com/learning
Math Lab	Math.unt.edu/mathlab
Mathway	Mathway.com
Physics Instructional Center	Physics.unt.edu/undergraduate-studies/pic
Quizlet	Quizlet.com
Thinkwell	Thinkwell.com
Wolf Ram Alpha	Wolframalpha.com
Writing Lab	Writingcenter.unt.edu
Veteran Center and Services	unt.edu/veterans