# Biomedical Engineering (STEM Tracks) - Calculus I 

2023-2024 Catalog: Sample Four-Year Schedule


Courses in GREEN are taken at UNT and require a particular prerequisite order.
Courses in BLACK can be fulfilled by AP, IB, CLEP, and/or Texas Community College Dual Credit or Transfer Credit and require a particular prerequisite order.
Courses in BLUE can be fulfilled by AP, IB, CLEP, and/or Texas Community College Dual Credit or Transfer Credit and can be completed in any term prior to graduation. ENGL, TECM, MATH, CHEM, BIOL, PHYS, 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. UNT students should check their degree audit at mydegreeaudit.unt.edu each term. UNT students should meet with their advisor each term to discuss individual scheduling, program decisions, etc.

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

## COMMUNICATION

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

## TECHNICAL WRITING

Community College ENGL 2311: TECM 2700

## AMERICAN HISTORY I

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

## AMERICAN HISTORY II

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

## FEDERAL GOVT/POLI SCIENCE

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

## STATE GOVT/POLI SCIENCE

Community College: GOVT 2306

## CREATIVE ARTS

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

## LANGUAGE, PHILOSOPHY, AND CULTURE

AP English Literature and Comp. score of 3 AP World History score of 3
IB History score of $4^{*}$
IB Philosophy score of 5
IB English Language A: Lit. Score of 5
Community College: ENGL 2332
Community College: ENGL 2333
Community College: ENGL 2341
Community College: HIST 2321
Community College: HIST 2322
Community College: PHIL 1301
Community College: PHIL 1304
Community College: PHIL 2303
Community College: PHIL 2306
SOCIAL AND BEHAVIORAL SCIENCES
AP Macroeconomics score of 3
AP Microeconomics score of 3
AP Psychology score of 3
IB Economics score of $4^{*}$
IB Geography score of 4*
IB Psychology score of 4*
CLEP Macroeconomics
CLEP Microeconomics
CLEP Human Growth and Development CLEP Introductory Psychology

SOCIAL AND BEHAVIORAL SCIENCES (Continued)
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

## CHEMISTRY

AP Chemistry score of 4: CHEM 1410, 1430
AP Chemistry score of 5: CHEM 1410, 1430, and 1420, 1440
IB Chemistry: CHEM 1410, 1430, and 1420, 1440
CLEP General Chemistry: CHEM 1410, 1420
Community College CHEM 1111: CHEM 1430
Community College CHEM 1112: CHEM 1440
Community College CHEM 1311: CHEM 1410
Community College CHEM 1312: CHEM 1420
Community College CHEM 1411: CHEM 1410, 1430
Community College CHEM 1412: CHEM 1420, 1440

## PHYSICS

AP Physics C (Mechanics) score of 4: PHYS 1710, 1730
AP PHYS Physics C (Electricity and Magnetism) score of 4: PHYS 2220, 2240
Community College PHYS 2125: PHYS 1730
Community College PHYS 2126: PHYS 2240
Community College PHYS 2325: PHYS 1710
Community College PHYS 2326: PHYS 2220
Community College PHYS 2425: PHYS 1710, 1730
Community College PHYS 2426: PHYS 2220, 2240

## MATHEMATICS

AP Calculus AB score of 3: MATH 1710
AP Calculus BC score of 3: MATH 1710, 1720
AP Calculus $A B$ sub score of $B C$ Exam score 3: MATH 1710
IB Mathematics - Calculus: MATH 1710
CLEP College Algebra: MATH 1100
CLEP Pre-calculus: MATH 1650
CLEP Calculus: MATH 1710
Community College MATH 1314: MATH 1100
Community College MATH 1414: MATH 1100
Community College MATH 2312: MATH 1650
Community College MATH 2412: MATH 1650
Community College MATH 2313: MATH 1710
Community College MATH 2314: MATH 1720
Community College MATH 2315: MATH 2730
Community College MATH 2318: MATH 2700
Community College MATH 2320: Substitutes for MATH 3410
Community College MATH 2413: MATH 1710
Community College MATH 2414: MATH 1720
Community College MATH 2415: MATH 2730
Community College MATH 2418: MATH 2700
Community College MATH 2420: Substitutes for MATH 3410
Community College ENGR 2300: Substitutes for MATH 2700

