Which UNT Math Class† is Right for Me?

- **Please consult your academic advisor** to ensure you select a course which fulfills degree requirements for your intended major(s).
- Students who feel prepared to take a math course beyond their placement level are encouraged to take the math placement test if they are a first time freshman or transfer student. Students that have enrolled and completed/dropped a college level math course at UNT are not eligible to take the placement test.
- †This page only covers college-level courses. Students who are not TSI complete or who are unsure of their TSI status should consult the Office of Advising Services, (940) 565-3633.

Entry Level Courses open to any student TSI complete in math

Journalism, Arts, College of Liberal Arts and Social Sciences, Health and Public Service, Music, Hospitality, and Tourism, Data Science, College of Information, College of Education

These non-technical courses satisfy University core but do not meet prerequisites for higher-level math courses. Some majors & programs require or prefer Math 1680. Data Science majors must take Math 1680. All other majors should consult an advisor for help selecting between Math 1580 and Math 1680.

**Math 1580
Survey of Math**

or

**Math 1680
Elementary Probability & Statistics**

Business, BA Economics and Education EC—6th Grade (as needed)

Math 1180 **does not meet** prerequisites for Pre-calculus or other science or engineering math.

**Math 1180
College Math for Business & Econ**

C or better needed for 1190 and for 1350

Math, Science, Engineering and BS Economics

New students are encouraged to take the math placement test to see if they may begin in a higher level course.

Math 1100 —Algebra
Math 1100 serves only as a prerequisite course and **does not** satisfy the University core.

C or better needed for Math 1650

Education 4th-8th Grade
(College of Education)
This chart does not apply to 4th-8th Grade Interdisciplinary Studies Majors. 4th-8th Grade Interdisciplinary Studies majors should always consult an advisor before enrolling in any mathematics course.

Placement Level 2

Education EC—6th Grade
Strongly recommended, but not required

**Math 1350
Math for Elem Ed I**

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**Math 1351
Math for Elem Ed II**

Business, and BA Economics

Math 1190 does not meet prerequisites for higher-level math classes. Business students planning advanced quantitative study are encouraged to follow the science/ engineering track instead.

**Math 1190
Business Calculus**

Math, Science, Engineering, and BS Economics

This track is also recommended for business students planning advanced quantitative study. Consult an advisor.

**Math 1650
Pre-calculus**

C or better needed for Math 1710

Placement Level 3

Placement into Level 3 requires one of the following:
(1) Placement via the math placement exam;
(2) A "3" or higher on an AP Calculus exam; or
(3) Prior college credit for Pre-calculus or Calculus I

**Math 1710
Cal I**
C or better needed for Math 1720

→

**Math 1720
Cal II**
C or better needed for most higher-level

→ **Higher-level Math**

Questions? E-mail <MathAdvising@unt.edu>

04/22

How to Choose Between Math 1580 or 1680 at UNT

At UNT, Math 1580 and 1680 are non-technical math courses that satisfy the mathematics requirement for the university core and are designed to efficiently provide a college-level mathematics experience to UNT students who are in majors and programs that do not require a high degree of technical algebra proficiency. These courses help UNT students build the quantitative literacy, mathematical affinity, and critical thinking skills required to fully make use of and appreciate the quantitative aspects of a typical university course experience.

Math 1580
Survey of Math.
Topics include probability, statistics, algebra, logic and the mathematics of finance. Additional topics are selected from geometry, sets, cryptography, fair division, voting theory and graph theory. Emphasis is on applications. Historical aspects of selected topics are also included.

The topics are not tightly connected and some topics do not make heavy use of numbers and equations.

Math 1680
Elementary Probability and Statistics.
An introductory course to serve students of any field who want to apply statistical inference. Descriptive statistics, elementary probability, the normal curve, confidence intervals, and hypothesis testing.

A sequential treatment of probability and statistics, where topics later in the semester build upon earlier material and with a greater use of numbers and equations.

You should always **consult your advisor** before making your choice.

Math 1680 (Elementary Probability & Statistics) is REQUIRED by these programs	Geography, Kinesiology, Health Behavior & Fitness Program, Medical Laboratory Science (including Cytotechnology), Merchandising and Digital Retailing, Psychology, Audiology & Speech-Language Pathology, and all degree programs in the School of Journalism
Math 1680 (Elementary Probability & Statistics) is PREFERRED by these programs	Political Science, Sociology, and all degree programs in the College of Health and Public Service
Math 1580 (Survey of Mathematics) is often RECOMMENDED in these programs	Arts, Humanities, Music, Dance and Theatre