

# The Statistics Minor at UNT

## Required Courses

- Math 1710 and 1720 (Calculus I and II)
- Math 2730 (Multivariable Calculus)
- Math 3680 (Applied Statistics)
- Math 4610 (Probability)
- Math 4650 (Statistics)
- One additional (generally advanced) course applying statistics to another discipline. This course must be approved by an Undergraduate Advisor in the Mathematics Department. Some typical courses that can be used are listed below.

Note: Mathematics majors may not minor in statistics. Mathematics majors interested in statistics should take the above courses in the process of completing their mathematics major requirements. Mathematics majors completing the above courses and one of the courses below may receive an academic certificate in statistics noted on their transcript.

## Advanced Courses Applying Statistics to Other Disciplines

Students should choose one (generally advanced) course applying statistics to another discipline in consultation with one of the undergraduate advisors in the mathematics department. The following are common course selections:

### Chemistry

CHEM 3451/2: Quantitative Analysis (Prerequisite: CHEM 1440)

### Decision Sciences

DSCI 3870: Management Science (Prerequisites: ECON 1100 and ECON 1110)

### Economics

ECON 4870: Introduction to Econometrics

ECON 4875: Empirical Linear Modeling (Prerequisite: ECON 4870)

### Geography

GEOG 3190: Quantitative Methods in Geography

GEOG 4410: Location-Allocation Modeling (Prerequisites: GEOG 2100 and GEOG 3190)

### Physics

PHYS 4110: Statistical and Thermal Physics (Prerequisite: PHYS 3010/30)

PHYS 4310: Quantum Mechanics (Prerequisite: PHYS 3010/30)

### Political Science

PSCI 2300: Introduction to Political Research (Prerequisite: PSCI 1040 or 1050)

### Psychology

PSYC 3630: Introduction to Psychological Measurement (Prerequisite: PSYC 2317)