



$$t = \frac{(M_1 - M_2) - (\mu_1 - \mu_2)}{S_{(M_1 - M_2)}}$$

$$\chi^2 = \sum \frac{(f_o - f_e)^2}{f_e}$$

EDRS 220: Introduction to Applied Quantitative Analysis

COURSE DESCRIPTION

EDRS 220 is an undergraduate quantitative analysis course that facilitates student understanding of the basic concepts and principles of descriptive and inferential statistics through the use of social science applications. **It emphasizes comprehension, skill development and application of statistical knowledge to quantitative inquiry in education, exercise science, and other social sciences.** Students learn through a combination of text reading assignments, data analysis and interpretation of output with a **focus on application activities.**

Please contact Dr. Angela Miller with any questions (amille35@gmu.edu).

**This course will satisfy the
Quantitative Reasoning
Mason Core
Requirement**

Available Sections:

- **EDRS 220, section 001 (in-person):**
Tuesday/Thursday
10:30 am - 11:45 am
- **EDRS 220, section 002 (in-person):**
Monday/Wednesday
1:30 pm - 2:45 pm
- **EDRS 220, section 003 (in-person):**
Monday/Wednesday
10:30 am - 11:45 am

