

# STAT - Statistics

**STAT 216Q. Introduction to Statistics. 3 Credits.** (3 Lec) F,S,Su  
 PREREQUISITE: Level 3 Math Placement Test within the past 12 months, B or better in M 096/097 or a C- or better in any 100 level or above M course. Traditional and resistant estimators of location and spread, fundamentals of inference using randomization and classical methods, confidence intervals, and tests of hypotheses. This course is taught in the TEAL format. COMMON EXAMS.

| Term                 | CRN   | Section | Session/Dates                               | Days | Location   | Time             |
|----------------------|-------|---------|---|------|------------|------------------|
| 2020 Summer Semester | 10318 | 002     | July-start: 4x4                             | MTWR | CHEEVE212  | 11:00am - 1:35pm |
| 2020 Summer Semester | 10319 | 802     | Non-standard term dates 18-MAY-20 10-JUL-20 | -    | ONLINEWEB- |                  |
| 2020 Summer Semester | 10456 | 803     | Intersession                                | -    | ONLINEWEB- |                  |
| 2020 Summer Semester | 10263 | 001     | May-start: 4x4                              | MTWR | CHEEVE212  | 11:00am - 1:35pm |
| 2020 Summer Semester | 10264 | 801     | Non-standard term dates 18-MAY-20 10-JUL-20 | -    | ONLINEWEB- |                  |

**STAT 217Q. Intermediate Statistical Concepts. 3 Credits.** (3 Lec) F,S,Su  
 PREREQUISITE: C- or better in STAT 216Q. One- and two-sample tests and associated confidence intervals for means and proportions; analysis of variance; F-tests, correlation, regression, contingency tables. Statistical analysis using the computer. COMMON FINAL ONLY.

| Term                 | CRN   | Section | Session/Dates  | Days | Location     | Time             |
|----------------------|-------|---------|----------------|------|--------------|------------------|
| 2020 Summer Semester | 10406 | 001     | May-start: 4x4 | MTWR | WILSON112511 | 11:00am - 1:35pm |
| 2020 Summer Semester | 10407 | 801     | Intersession   | -    | -            | -                |

**STAT 412. Methods for Data Analysis II. 3 Credits.** (2 Lec, 1 Lab) F,S  
 PREREQUISITE: STAT 411. Continuation of STAT 411/STAT 511 to cover principles of experimental design, multi-factor ANOVA, repeated measures, logistic regression, Poisson log-linear regression, and introductions to multivariate and time series analyses, with an emphasis on statistical thinking, appropriate inference and interpretation, and writing. Co-convened with STAT 512.

| Term                 | CRN   | Section | Session/Dates                               | Days | Location | Time |
|----------------------|-------|---------|---|------|----------|------|
| 2020 Summer Semester | 11236 | 001     | Non-standard term dates 18-MAY-20 07-AUG-20 | -    | -        | -    |

**STAT 512. Methods of Data Analysis II. 3 Credits.** (2 Lec, 1 Lab) F,S  
 PREREQUISITE: STAT 411/STAT 511 (co-convened). Continuation of STAT 411/STAT 511 to cover principles of experimental design, multi-factor ANOVA, repeated measures, logistic regression, Poisson log-linear regression, and introductions to multivariate and time series analyses, with an emphasis on statistical thinking, appropriate inference and interpretation, and writing. A semester project is required. Co-convened with STAT 412.

| Term                 | CRN   | Section | Session/Dates                               | Days | Location | Time |
|----------------------|-------|---------|---|------|----------|------|
| 2020 Summer Semester | 11198 | 001     | Non-standard term dates 18-MAY-20 07-AUG-20 | -    | -        | -    |

**STAT 576. Internship. 1-12 Credits.** (1-12 Ind; max cr unlimited) F,S,Su  
 PREREQUISITE: Graduate standing, consent of instructor and approval of department head. An individualized assignment arranged with an agency, business or other organization to provide guided experience in the field.

| Term                 | CRN   | Section | Session/Dates | Days | Location | Time |
|----------------------|-------|---------|---------------|------|----------|------|
| 2020 Summer Semester | 10262 | 001     | Full Semester | -    | -        | -    |

### **Font Notice**

This document should contain certain fonts with restrictive licenses. For this draft, substitutions were made using less legally restrictive fonts. Specifically:

Times was used instead of Adobe Garamond Pro.

The editor may contact Leepfrog for a draft with the correct fonts in place.