



## STATISTICS 511 "PRACTICE OF STATISTICS"

**Calendar Description:** H(1.5-0)

Intended for students in their final year of study. Introduction to real-world statistical practice. Model selection. Messy data. Statistical software. Report writing and presentation. Working in groups. Ethical considerations in statistics.

**Prerequisite or Co-requisite:** Statistics 429

**Note:** This half-course is given over a period of two semesters.

### *Syllabus*

Topics in this course will vary from year to year. The primary goals are:

1. To explore real-world data.
2. To learn some statistical analysis techniques not covered in standard courses.
3. To work as a member of a team.
4. To produce statistical reports.
5. To "think statistics".

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