

## STAT 684 Overview

In this course, we will discuss statistical consulting services to clients. We will apply various statistical methods, including but not limited to, experimental design, sampling and survey, graphics and tables, and all sorts of modeling and data mining techniques, to solve the real problems.

- The main goals are to improve in our ability to
- communicate with the clients and identify the statistical problems to be solved
- outline a project plan for solving a statistical problem
- use proper statistical software (Python, JMP, R, SAS etc.) needed for the problem
- outline and write a statistical report for the problem solved