Instructor: P. Richard Hahn (richard.hahn@chicagobooth.edu)

Course website: faculty.chicagobooth.edu/richard.hahn/teaching/41000.html

Contacting me: Please use “BSTATS 41000” as your exact subject line; otherwise, I may lose your email. In person or video chat meetings are held by appointment only.

Teaching Assistant: Frank Zhou (frankzhou8674@chicagobooth.edu)

Review sessions: Weekly review sessions will be held on Wednesdays from 6pm to 7:30pm in Gleacher room 308 (except weeks 1, 4 and 7).


Homework: There will be six homework assignments in total. Group work is permitted, up to four individuals per group. Each group may submit a single solution set.

Exam: There will be one in-class midterm in week 7.

Final project: A data analysis project is due in week 11. Groups of up to four individuals may work as a team. A rough draft analysis will be presented for critique in class in week 10.

Class grade calculation: Grades will be based on the following breakdown: 20% homework, 40% midterm, 40% final project.

Letter grade policy: The top 10% of the class will get A’s, the bottom 10% will get B-minuses. The middle 80% will receive letter grades such that the class average does not exceed 3.33.

Course description: This course covers key ideas in probability and statistics with a focus on their application towards practical decision-making. Topics covered include: basic probability, Bayes’ rule, and expected value; statistical estimation, hypothesis testing, and confidence intervals; linear regression and logistic regression.