

STATISTICS, MASTER OF SCIENCE

College of Letters & Science

Alexander Aue, Ph.D., Chairperson of the Program
Jie Peng, Ph.D., Vice Chairperson for Graduate Affairs

Graduate Study

The Graduate Program in Statistics offers programs of study and research leading to M.S. and Ph.D. degrees. The M.S. gives students a strong foundation in the theory of statistics as well as substantial familiarity with the most widely used statistical methods. Facility in computer programming is essential for some of the course work. The supervised statistical consulting required of all M.S. students has proven to be a valuable educational experience. The Ph.D. program combines advanced course work in statistics and probability with the opportunity for in-depth concurrent study in an applied field. For detailed information contact the Chairperson of the Program or the Graduate Advisor.

Standard Track: 32 units of core coursework and 12 units of electives are required for a total of 44 units.

Emphasis in Data Science Track: 36 units of core coursework and 12 units of electives are required for a total of 48 units.

Preparation

Preparation for the graduate program requires a year of calculus, a course in linear algebra, facility with a programming language and upper division coursework in mathematics and/or statistics. For admission to the Ph.D. program, course work requirements for the master's degree, and at least one semester/two quarters of advanced calculus must be completed.

Graduate Advisor

Jie Peng (Statistics)