

Stat 890-4, 2004-3: Introduction to statistical methods in genetic association studies

Audience: This course is designed for students who have completed a first course in statistics and have a background in biology or genetics. It is intended for students who are interested in the application of statistical methods to genetic data.

Overview: This course covers the basic concepts and methods of statistical genetics. It includes topics such as population genetics, quantitative genetics, and the analysis of genetic data. The course is designed to provide students with a solid foundation in the statistical methods used in genetic association studies.

Location/Time: The course is held in the Statistics Department, Room 101, on Tuesdays from 10:00 AM to 12:00 PM.

Form: The course is a lecture-based format with a mix of theoretical and applied topics. There are no lab components.

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Grading/Evaluation: The course is graded based on a combination of lecture notes, assignments, and a final exam. The final exam is the primary component of the grade.

Course Credits: This course is worth 3 credits. It is a required course for students in the M.S. program in Genetic Epidemiology and for students in the Ph.D. program in Genetic Epidemiology.

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