STAT6339 - Linear Statistical Models

[STAT 6339](#) Linear Statistical Models (3 semester credit hours) Theoretical treatment of general and generalized linear models. Topics include random vectors; multivariate normal distribution; distributions of quadratic forms; general linear models for normal data; extension to generalized linear models for non-normal data such as binary, polytomous and count data; point and interval estimation; and hypothesis testing. Prerequisite: [STAT 6331](#) or equivalent. (3-0) T