OPRE6359 - Advanced Statistics for Data Science

**OPRE 6359 (BUAN 6359)** Advanced Statistics for Data Science (3 semester credit hours) This course uses statistical methods to analyze data from observational studies and experimental designs to communicate results to a business audience. The course mandates prior knowledge of fundamental statistical concepts such as measures of central location, standard deviations, histograms, the normal and t-distributions (knowledge of calculus is not required). The course also emphasizes interpretation and inference, as well as computation using a statistical software package such as R or STATA. Credit cannot be received for both: **OPRE 6301** and (**OPRE 6359** or **BUAN 6359**). (3-0) S