DATA SCIENCE & STATISTICS (DSC)

DSC 390. Sports Analytics. (3 Credits)
A. Prerequisite: STA 340. Sports-related research questions; acquisition of appropriate data; data wrangling; data cleansing; analysis of large, complex data sets; use of statistical software to apply appropriate statistical tools; discovering insight; and clear communication of results.

DSC 580. R and Introductory Data Mining. (3 Credits)
A. Cross-listed as STA 580. Prerequisite: STA 270 with a minimum grade of "C" or STA 215 with a minimum grade of "B" and CSC 170 or 174 or 189 or 190. Data set manipulation, application of statistical techniques in R, statistical programming, and data mining skills. Credit will not be awarded to students who have credit for STA 580.

DSC 780. R and Introductory Data Mining. (3 Credits)
A. Cross-listed as STA 780. Data set manipulation, application of statistical techniques in R, statistical programming, and data mining skills. It is strongly recommended that students have completed a course in applied statistics and an introductory course in computer programming. Credit will not be awarded to students who have credit for STA 780.