(DA) DATA ANALYTICS

Courses

DA 320. Data Mining. 3 Hours.
This course is an introduction to data mining techniques and best practices. The course includes classification, prediction, data reduction, and data visualization as it relates to understanding the shape of your data. Topics discussed include advanced (multiple and logistic) regression, network and cluster analysis. Prerequisite(s): MS 212 and DA 110 and DA 210.

DA 449. Data Analytics Internship. 3 Hours.
This course offers experiences in a work and/or research environment collecting, processing, analyzing, and/or interpreting data. Each student chooses and contacts a partner institution (business, research lab, nonprofit, or governmental agency) to serve a total of 100 hours in that setting. Activities will include training/orientation, work on projects relevant to the mission of the institution, observation of institutional work processes, and other assigned work by the site liaison. Students keep daily journals and meet weekly during the semester for training and to share their experiences. Prerequisite(s): Major=BS Data Analytics and (College Level=Junior or College Level=Senior).

DA 489. Data Analytics Capstone. 3 Hours.
This course serves as the capstone project for data analytics majors in the School of Science & Humanities. It provides experiential learning relevant to the student's area of study. Students meet periodically with their faculty advisor to plan their progress through the project. At the end of the semester, students present the final results of their research or a summary of their experience in the form of a final oral presentation and a written thesis. Prerequisite(s): Major=BS Data Analytics and (College Level=Junior or College Level=Senior).