

PSCS-PACS COMPUTER & DATA SCIENCE

PSCS 3613 Software and Information Technology Systems 3 Credit Hours

Prerequisite: Junior standing or departmental permission. This course provides students with an overview of core computer technology concepts common to complex modern organizations. Students will be exposed to a range of software and information technology topics needed by managers and decision-makers in a variety of organizations, including core ideas of software, data storage, collaborative work systems, web-based applications, data security, hardware, networks, and programming. (F, Sp)

PSCS 4603 Applied Statistics for Data Analytics 3 Credit Hours

Prerequisite: Junior standing or departmental permission. This course provides students with an overview of core concepts and techniques in statistical data analysis. Students will be exposed to a range of statistical and data analytic techniques needed by managers and decisionmakers in a variety of organizations. Students will gain understanding of the core ideas of validity, the empirical method, statistical testing, and insight into quantitative data analysis. (F, Sp)