Big Data Sys & Analytics

Course prefix: CS

Course number: 6220

Section: A

CRN
85336

Instructor first name: Ling

Instructor last name: Liu

Semester: Fall

Academic year: 2026

Course description:

This course will cover the concepts, techniques, algorithms, and systems of big data systems and data analytics, with strong emphasis on big data processing systems, fundamental models and optimizations for data analytics and machine learning, which are widely deployed in real world big data analytics and applications.

Academic honesty/integrity statement:

Students are expected to maintain the highest standards of academic integrity. All work submitted must be original and properly cited. Plagiarism, cheating, or any form of academic dishonesty will result in immediate consequences as outlined in the university's academic integrity policy.