COURSE DETAIL

DATA MINING AND STATISTICAL LEARNING
Country Hong Kong
Host Institution Chinese University of Hong Kong
Program(s) Chinese University of Hong Kong
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Statistics
UCEAP Course Number 150
UCEAP Course Suffix
UCEAP Official Title DATA MINING AND STATISTICAL LEARNING
UCEAP Transcript Title DATA MINING & STATS
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description
This course covers the principles of data mining, exploratory analysis and visualization, as well as predictive modeling for complex data sets. It introduces modern tools for regression and classification for high-dimensional or ultra-high dimensional data from the perspective of statistical decision theory and makes comparison to traditional methods. The course explores statistical principles, computational issues, and hands-on data analysis on high noise, observational data.

Language(s) of Instruction
English

Host Institution Course Number
STAT4001

Host Institution Course Title
DATA MINING AND STATISTICAL LEARNING

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Statistics

Course Last Reviewed

Print