COURSE DETAIL

BIG DATA ANALYTICS FOR PUBLIC POLICY

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)
Computer Science

UCEAP Course Number
112

UCEAP Course Suffix

UCEAP Official Title
BIG DATA ANALYTICS FOR PUBLIC POLICY

UCEAP Transcript Title
DATA ANALYTICS: PP

UCEAP Quarter Units
4.50

UCEAP Semester Units
3.00

Course Description

This course examines Big Data computing systems and programming models. It covers the architecture and components of Hadoop and Spark, data processing with Spark, and advanced topics such as Spark Streaming, graph processing, and machine learning. Students will learn to develop operational and programming tools for data collection, serialization, migration, and workflow coordination in Big Data pipelines.

Language(s) of Instruction
English

Host Institution Course Number
DSPS3190

Host Institution Course Title
BIG DATA ANALYTICS FOR PUBLIC POLICY

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

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