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 Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

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