COURSE DETAIL

COMPUTATIONAL STATISTICS FOR DATA ANALYTICS
Country Taiwan
Host Institution National Taiwan University
Program(s) National Taiwan University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 111
UCEAP Course Suffix
UCEAP Official Title COMPUTATIONAL STATISTICS FOR DATA ANALYTICS
UCEAP Transcript Title COMP STATS DATA
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description

This course is an extension of the Engineering Statistics and Computer Programming courses. The course works extensively with real-world data (relevant to engineering, physics and the environment). The knowledge learned from the aforementioned two courses will be briefly reviewed and further strengthened through a series of hands-on projects. This course enables students to develop solid data analytical skills and problem-solving mindsets, both useful skills for future employment in industry and academia.

Course Prerequisites: Engineering Statistics and Computer Programming.

Language(s) of Instruction
English

Host Institution Course Number
CIE5140

Host Institution Course Title
COMPUTATIONAL STATISTICS FOR DATA ANALYTICS

Host Institution Course Details
https://nol.ntu.edu.tw/nol/coursesearch/print_table.php?course_id=521%20U9270&c...

Host Institution Campus

Host Institution Faculty
College of Engineering

Host Institution Degree

Host Institution Department
Department of Civil Engineering

Course Last Reviewed
2024-2025

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