

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

106

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 Campus

Host Institution Faculty

College of Engineering

Host Institution Degree

Host Institution Department

Department of Civil Engineering

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