

COURSE DETAIL

ANALYTICS DRIVEN DESIGN OF ADAPTIVE SYSTEMS

Country

Singapore

Host Institution

National University of Singapore

Program(s)

National University of Singapore

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Engineering Computer Science

UCEAP Course Number

143

UCEAP Course Suffix**UCEAP Official Title**

ANALYTICS DRIVEN DESIGN OF ADAPTIVE SYSTEMS

UCEAP Transcript Title

DSGN ADPTIVE SYSTEM

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course introduces methods for creating systems that use data intelligently to improve themselves. This requires combining human intelligence (using methods like crowdsourcing, collaborative design) with artificial intelligence (discovering which technology designs help which people) through designing randomized A/B experiments that are collaborative, dynamic, and personalized. The course requires students to take prerequisites.

Language(s) of Instruction

English

Host Institution Course Number

BT4014

Host Institution Course Title

ANALYTICS DRIVEN DESIGN OF ADAPTIVE SYSTEMS

Host Institution Course Details

<https://nusmods.com/courses/BT4014/analytics-driven-design-of-adaptive-systems>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Information Systems and Analytics

Course Last Reviewed

2025-2026

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