

COURSE DETAIL

REGRESSION ANALYSIS

Country

Singapore

Host Institution

Nanyang Technological University

Program(s)

Nanyang Technological University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Statistics Mathematics

UCEAP Course Number

120

UCEAP Course Suffix**UCEAP Official Title**

REGRESSION ANALYSIS

UCEAP Transcript Title

REGRESSION ANALYSIS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course introduces regression analysis, one of the most widely used statistical techniques. Topics include simple and multiple linear regression, nonlinear regression, analysis of residuals and model selection, one-way and two-way factorial experiments, random and fixed effects models.

Language(s) of Instruction

English

Host Institution Course Number

MH3510

Host Institution Course Title

REGRESSION ANALYSIS

Host Institution Course Details

<https://www.ntu.edu.sg/spms/about-us/mathematics/undergrad/course-info>

Host Institution Campus

Host Institution Faculty

School of Physical and Mathematical Sciences

Host Institution Degree

Host Institution Department

Mathematics

Course Last Reviewed

2025-2026

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