

# 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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