

# COURSE DETAIL

## OPERATIONS RESEARCH

**Country**

Taiwan

**Host Institution**

National Taiwan University

**Program(s)**

National Taiwan University

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Computer Science Business Administration

**UCEAP Course Number**

20

**UCEAP Course Suffix****UCEAP Official Title**

OPERATIONS RESEARCH

**UCEAP Transcript Title**

OPERATIONS RESEARCH

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

Operations Research is a field in which people use mathematical and engineering methods to study optimization problems in Business and Management, Economics, Computer Science, Civil Engineering, Electrical Engineering, etc. This course focuses on deterministic optimization techniques, a major part of the field of Operations Research. The course is divided into four modules: (1) Linear programming, (2) Integer programming, (3) Nonlinear programming, and (4) Dynamic programming.

## Language(s) of Instruction

English

## Host Institution Course Number

IM2010

## Host Institution Course Title

OPERATIONS RESEARCH

## Host Institution Course Details

[https://nol.ntu.edu.tw/nol/coursesearch/print\\_table.php?course\\_id=705%2032100&c...](https://nol.ntu.edu.tw/nol/coursesearch/print_table.php?course_id=705%2032100&c...)

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Information Management

## Course Last Reviewed

2022-2023

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