

# COURSE DETAIL

## INTRODUCTION TO OPTIMIZATION

**Country**

Hong Kong

**Host Institution**

University of Hong Kong

**Program(s)**

University of Hong Kong

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Mathematics

**UCEAP Course Number**

121

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

INTRODUCTION TO OPTIMIZATION

**UCEAP Transcript Title**

INTRO OPTIMIZATION

**UCEAP Quarter Units**

5.00

**UCEAP Semester Units**

3.30

## Course Description

This course examines the theory and techniques of optimization. It covers unconstrained and constrained optimization; necessary conditions and sufficient conditions for optimality, convexity, duality; and algorithms and numerical examples.

## Language(s) of Instruction

English

## Host Institution Course Number

MATH3904

## Host Institution Course Title

INTRODUCTION TO OPTIMIZATION

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

[Print](#)