

# COURSE DETAIL

## INTRODUCTION TO MATHEMATICAL ANALYSIS

**Country**

Korea, South

**Host Institution**

Seoul National University

**Program(s)**

Seoul National University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Mathematics

**UCEAP Course Number**

105

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

INTRODUCTION TO MATHEMATICAL ANALYSIS

**UCEAP Transcript Title**

INTRO MTH ANALYSIS

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

This course introduces concepts and theories of mathematical analysis. Topics include limits of continuous functions and differentiable series of functions, uniform convergence of series of functions, Arzela-Ascoli theorem, Weierstrass theorem, power series, analytic functions, trigonometric series, Fourier series, etc.

## Language(s) of Instruction

Korean

## Host Institution Course Number

881.008

## Host Institution Course Title

INTRODUCTION TO MATHEMATICAL ANALYSIS

## Host Institution Course Details

[https://www.math.snu.ac.kr/~kye/lecture/24\\_2\\_mathanal/index.html](https://www.math.snu.ac.kr/~kye/lecture/24_2_mathanal/index.html)

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

## Course Last Reviewed

2024-2025

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