

COURSE DETAIL

TOPICS IN MATHEMATICS 2

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

131

UCEAP Course Suffix**UCEAP Official Title**

TOPICS IN MATHEMATICS 2

UCEAP Transcript Title

MATHEMATICS 2

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course introduces exciting new developments in advanced mathematics. The barriers between fields are being broken, many new unexpected applications are continually found, and out of this cross-fertilization, new kinds of mathematics are born. Topics are subject to change but may include various new advances of pure mathematics and logic, computational science and numerical analysis, fluid mechanics and geophysics, wavelets and signal processing, cryptology, quantum computation, mathematical biology (including bioinformatics, proteomics and neuroscience), intelligence science, financial mathematics and mathematical economics, and probability theory with various applications.

Language(s) of Instruction

English

Host Institution Course Number

3341.446

Host Institution Course Title

TOPICS IN MATHEMATICS 2

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2024-2025

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