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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