COURSE DETAIL

MATHEMATICS IN CIVILIZATION
Country Korea, South
Host Institution Seoul National University
Program(s) Seoul National University
UCEAP Course Level Lower Division
UCEAP Subject Area(s) Mathematics
UCEAP Course Number 27
UCEAP Course Suffix
UCEAP Official Title MATHEMATICS IN CIVILIZATION
UCEAP Transcript Title MATHEMATICS IN CVLZ
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description

This course explores the development of mathematics in relation to trends and philosophies that have changed over time and that have affected the conceptualization of mathematics. Mathematics and culture frequently meet at the crossroads of evolution of human intelligence. Mathematics had a huge impact on the development of civilization; conversely, mathematics has been influenced by the development of civilization. Topics discussed in this course include axioms for geometry by Euclid, calculus by Newton and Leibniz, concepts of computation by Turing and von Neumann, art and mathematics, society and mathematics, science/technology and mathematics, and Oriental/European culture and mathematics.

Language(s) of Instruction
Korean

Host Institution Course Number
E11.120 001

Host Institution Course Title
MATHEMATICS IN CIVILIZATION

Host Institution Course Details
https://sugang.snu.ac.kr/

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2025-2026

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