COURSE DETAIL

UNDERSTANDING MATHEMATICS

Country
China

Host Institution
Fudan University

Program(s)
Shanghai Summer

UCEAP Course Level
Lower Division

UCEAP Subject Area(s)
Mathematics

UCEAP Course Number
10

UCEAP Course Suffix
S

UCEAP Official Title
UNDERSTANDING MATHEMATICS

UCEAP Transcript Title
UNDERSTANDING MATH

UCEAP Quarter Units
4.00

UCEAP Semester Units

2.70

Course Description
This course introduces fundamental concepts and analytical tools in mathematics. This course contains basic ideas and knowledge in number theory, calculus, analysis, linear algebra, differential equation and probability. Part of the results are given a rigorous proof to show what real mathematics is. To take this course, students are only assumed to have a good command of knowledge of elementary mathematics included in high school and minimum knowledge of undergraduate mathematics.

Language(s) of Instruction
English

Host Institution Course Number
MATH170001

Host Institution Course Title
UNDERSTANDING MATHEMATICS

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Science and Technology

Course Last Reviewed

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