

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 Campus**Host Institution Faculty****Host Institution Degree****Host Institution Department**

Science and Technology

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