

## COURSE DETAIL

### INTRODUCTION TO FINANCIAL MATHEMATICS

**Country**

China

**Host Institution**

Peking University, Beijing

**Program(s)**

Peking University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Mathematics

**UCEAP Course Number**

131

**UCEAP Course Suffix****UCEAP Official Title**

INTRODUCTION TO FINANCIAL MATHEMATICS

**UCEAP Transcript Title**

FINANCIAL MATH

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

This course will focus on basic mathematical models and methods in financial calculation analysis. Specifically, it includes basic problems in financial mathematics: basic concepts and methods of interest calculation, calculation of annuity cash flow model, basic method of calculating general investment return rate, principal and interest decomposition process of cash flow, fixed income securities, interest risk analysis, financial income in random situations.

### Language(s) of Instruction

Chinese

### Host Institution Course Number

00132830

### Host Institution Course Title

INTRODUCTION TO FINANCIAL MATHEMATICS

### Host Institution Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

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