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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