COURSE DETAIL

FINANCIAL ECONOMICS

Country
Japan

Host Institution
Hitotsubashi University

Program(s)
Hitotsubashi University

UCEAP Course Level
Lower Division

UCEAP Subject Area(s)
Economics

UCEAP Course Number
83

UCEAP Course Suffix

UCEAP Official Title
FINANCIAL ECONOMICS

UCEAP Transcript Title
FINANCIAL ECONOMICS

UCEAP Quarter Units
3.00

UCEAP Semester Units
2.00

Course Description

The course covers the analytical tools and techniques that are necessary to examine a wide variety of fixed income securities and their derivatives. Fixed income securities are financial instruments whose cashflows are fixed and determined in advance. The instruments we cover include treasury and corporate bonds, bond futures, and interest rate swaps. After introducing the notion of yields, duration and convexity, and term structure models, we discuss the evaluation and the risk management of fixed income investments.

The aim of this course is to provide students with the introductory theory of fixed income securities and its applications to the investments. After completing the course, the students will: (i) Be familiar with the basic concepts such as yields, duration and convexity; (ii) Develop and apply the tools for pricing and hedging the fixed income securities; (iii) Understand the theoretical models for the pricing of fixed income securities, and (iv) Master the interest rate derivatives and its applications for hedging and risk management.

Language(s) of Instruction
English

Host Institution Course Number
EU-D421-A-00

Host Institution Course Title
FINANCIAL ECONOMICS B

Host Institution Course Details
https://syllabus.cels.hit-u.ac.jp/hit_syllabus/2023/03/03_1ED42101_en_US.html

Host Institution Campus

Hitotsubashi University

Host Institution Faculty

Host Institution Degree

Host Institution Department
Economics

Course Last Reviewed
2022-2023

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