

# COURSE DETAIL

## INTRODUCTORY FINANCIAL MATHEMATICS

**Country**

Australia

**Host Institution**

University of Melbourne

**Program(s)**

University of Melbourne

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Mathematics

**UCEAP Course Number**

120

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

INTRODUCTORY FINANCIAL MATHEMATICS

**UCEAP Transcript Title**

FINANCIAL MATH

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course provide students with basic training on modern financial mathematics methods, which covers an overview of data analysis, principles of actuarial modelling and financial transactions, the understanding of real and nominal interest rates, the time value of money methods, bond pricing methods, assets replication methods, the equation of value methods, and project appraisals methods. This course focuses on applying the above methods to the mathematical modelling of financial markets.

## Language(s) of Instruction

English

## Host Institution Course Number

ACTL20001

## Host Institution Course Title

INTRODUCTORY FINANCIAL MATHEMATICS

## Host Institution Course Details

<https://handbook.unimelb.edu.au/2018/subjects/actl20001/dates-times>

## Host Institution Campus

Parkville

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Commerce

## Course Last Reviewed

2024-2025

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