eFundamentals of Financial Mathematics

Introduction to the terms and concept of mathematics for finance

This course is addressed to those who want to acquire the necessary mathematical toolset needed in finance. The course covers topics such as compounding, linear algebra, calculus, optimization, and integration. These topics are prerequisites for participation in further courses in the field of risk management for banking and finance.

Topics

Fundamentals	Compounding	Linear Algebra
Calculas	Optimization	Integration

Examination
Online exam, flexible in time and place
The module will not be graded.

Course certificate
Course confirmation of 1 ECTS Credit

Creditability
CAS in Risk Management for Banking and Finance, DAS/MAS in Finance or Sustainable Finance

Dates and workload
A start is possible at any time.
Self-Learning: around 4 weeks (work effort around 20 hours)

Lecturers
Erich Walter Farkas, Department of Banking and Finance, UZH

Course fee
CHF 500.– including lecture notes

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