

- Faculté des sciences économiques
- www.unine.ch/seco

Investments (5AF2003)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Master en finance	Cours: 4 ph	Voir ci-dessous	6

ph=période hebdomadaire, pg=période globale, j=jour, dj=demi-jour, h=heure, min=minute

Période d'enseignement:

- Semestre Automne

Equipe enseignante

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Contenu

We will present different asset classes and financial instruments, and investigate how these financial securities can be traded. We will see how optimal portfolios can be constructed, in the presence of both risky and risk-free assets. We will investigate the Capital Asset Pricing Model (CAPM), multi-factor models, the efficient market hypothesis, behavioral finance and technical analysis, and some important empirical evidence about asset returns.

Tentative course outline:

- Financial instruments
- Risk and return
- Mean-variance portfolio allocation
- Index models
- CAPM
- Multi-factor models
- Behavioral finance and technical analysis
- Empirical evidence
- Brief introduction to derivatives

Forme de l'évaluation

Final exam: 2-hour written exam (100%) during the exam session at the end of the semester.

Allowed tools: simple calculator, cheat sheet (one page DIN-A4, back and front, handwritten NOT printed).

No other documents nor connected devices are permitted during the exam.

In case of violation of these rules, the students are in situation of fraud and the unauthorized items will be removed. The exam could be deemed as failed.

Modalités de rattrapage

Re-take exam: 2-hour written exam (100%) during the exam session.

Allowed tools: simple calculator, cheat sheet (one page DIN-A4, back and front, handwritten NOT printed).

No other documents nor connected devices are permitted during the exam.

In case of violation of these rules, the students are in situation of fraud and the unauthorized items will be removed. The exam could be deemed as failed.

Documentation

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Investments, by Bodie, Kane, and Marcus, 12th Edition, McGraw-Hill

Pré-requis

Bachelor finance course(s)

Forme de l'enseignement

Lectures: 4 hours per week

Objectifs d'apprentissage

Au terme de la formation l'étudiant-e doit être capable de :

- Apply the CAPM and multi-factor models
- Solve portfolio selection problems
- Describe different asset classes and financial instruments
- Analyse different investments
- Explain concepts of investments
- Interpret results both orally and in writing
- Identify efficient portfolios
- Assimilate different concepts of investments

Compétences transférables

- Communicate results in writing
- Communicate results orally
- Generate new ideas (become more creative)
- Carry out a critical analysis
- Apply knowledge to new situations