

- 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
Master en statistique	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

Professor Michael Hasler
Institute of Financial Analysis
Rue A.-L. Breguet 2
CH-2000 Neuchâtel
Tel. +41 32 718 1385 Email: michael.hasler@unine.ch

Manuel Mazidi, Teaching and Research Assistant
Institute of Financial Analysis
Rue A.-L. Breguet 2
CH-2000 Neuchâtel
Tel. +41 32 718 1330 Email: manuel.mazidi@unine.ch

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 and alternative investments

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).

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).

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

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

URLs	1) https://moodle.unine.ch/course/view.php?id=9743
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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
- Assimilate different concepts of investments
- Explain concepts of investments
- Interpret results both orally and in writing
- Identify efficient portfolios
- Analyse different investments

Compétences transférables

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