

- Faculté des sciences économiques
- [www.unine.ch/seco](http://www.unine.ch/seco)

## Portfolio Management (5AF2007)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
<b>Master en finance</b>	<b>Cours: 2 ph</b>	Voir ci-dessous	3

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

### Période d'enseignement:

- Semestre Printemps

### Equipe enseignante

Professor Tim Kroencke  
Institute of Financial Analysis  
Rue A.-L. Breguet 2  
CH-2000 Neuchâtel  
Tel. +41 32 718 1385 Email: [tim.kroencke@unine.ch](mailto:tim.kroencke@unine.ch)

Emanuele Guidotti, teaching assistant, PhD candidate in finance  
Institute of Financial Analysis  
Rue A.-L. Breguet 2  
CH-2000 Neuchâtel  
Tel. +41 32 718 1591 Email: [emanuele.guidotti@unine.ch](mailto:emanuele.guidotti@unine.ch)

### Contenu

This course introduces students to the core concepts of modern portfolio management.

The first part of the course provides an introduction to portfolio management and principles of asset allocation. In particular, we learn how different client needs and client constraints lead to a different optimal portfolio mix of large asset classes like bonds, stocks, real estate, and alternatives. Combined with long-term expected returns for different asset classes, we derive the "Strategic Asset Allocation" of a portfolio. We then investigate how time-varying investment opportunities might lead to the "Tactical Asset Allocation".

In the second part of the course, we study popular strategies for equity portfolios. We analytically show under which conditions we might be able to "beat the market". We then look closer at common problems when investing global, in particular, the optimal currency overlay of such portfolios. Finally, we discuss methods to evaluate the performance of a portfolio manager. We learn how to choose the appropriate performance measure and how they can be theoretically motivated. If time allows, we discuss how incentives, ethics, and policy might affect the performance of a portfolio manager.

### Forme de l'évaluation

Final exam: 120-minutes written exam during the last lecture of the semester. Students can achieve bonus points for presenting a case study during the semester.

Retake exam: 120-minutes written exam (100%) during the exam session.

Neither documents nor connected devices are permitted during the exams. A simple calculator is permitted and a cheat sheet (one page DIN-A4, back and front, handwritten). In case of violation of these rules, the students are in a situation of fraud and the unauthorized items will be removed. The exam could be deemed as failed.

### Documentation

- Stewart, Piros and Heisler (2019): Portfolio Management, Theory and Practice (SPH), Chapters 1, 2, 3, 4, 6, 7, 10, 12, 13, 14, 15
- CFA – Level 1, Quantitative Methods: Readings 6, 7, 8, 9, 10, 11
- CFA – Level 1, Portfolio Management: Readings 51, 52, 53, 54, 57
- CFA – Level 2, Portfolio Management: Readings 43, 44, 45, 46, 47, (48)

### Pré-requis

Asset Pricing.

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## **Portfolio Management (5AF2007)**

### **Forme de l'enseignement**

Lectures: two hours per week.

### **Objectifs d'apprentissage**

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

- Assemble conceptual knowledge
- Explain the concepts of different portfolio management strategies orally or in writing
- Use appropriate theoretical models and concepts for the purpose of portfolio management
- Identify classic investment strategies based on stock-picking, asset characteristics and market-timing
- Describe information processing in financial markets and the short-term behavior of asset prices
- Recommend attractive investment opportunities using appropriate methods
- Calculate different dimensions of financial risk
- Explain appropriate performance measurement techniques
- Evaluate the performance of asset managers

### **Compétences transférables**

- Generate new ideas (creativity)
- Apply knowledge to new situations