

# Gestion de portefeuilles avancée

## Infos pratiques

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- > ECTS : 3.0
- > Nombre d'heures : 36.0
- > Langue(s) d'enseignement : Français, Anglais
- > Niveau d'étude : BAC +5
- > Période de l'année : Enseignement neuvième semestre
- > Méthodes d'enseignement : En présence
- > Forme d'enseignement : Cours magistral
- > Ouvert aux étudiants en échange : Oui
- > Composante : Sciences économiques, gestion, mathématiques et informatique
- > Code ELP : 4EgAGPI
- > En savoir plus : <https://sites.google.com/view/mastergda>

## Présentation

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Topic 1. General Introduction: Securities, Markets, Returns, Distributions

Topic 2. The Mean-Variance Framework

Topic 3. Risk Measures

Topic 4. Asset Pricing

Topic 5. Portfolio Performance and Factor/Style Analysis

## Objectifs

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This course introduces crucial concepts of investment decision-making, portfolio theory and valuation models of financial assets, especially bonds and common stocks. Students will develop skills and learn tools to understand how financial markets value securities, building optimized portfolios, perform market research and security valuation, measure portfolio performance and manage a portfolio under risk budgets. After establishing foundations of the Modern Portfolio Theory, we will focus on its extensions and applications. The course objective is achieved through a combination

of lectures, practical exercises, case studies and, finally, seminars by few practitioners.

## Évaluation

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Session 1 : évaluation écrite (partiel traditionnel)

Session 2 : écrit, oral ou dossier

## Pré-requis nécessaires

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Portfolio choice; microeconomics; financial markets; money banking and finance

## Compétences visées

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Portfolio choice, Portfolio management, Performance measures, Market risk

## Bibliographie

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Bodie Z., A. Kane and A. Marcus, (2010), Investments, 9th Edition, 1056 pages.

Copeland T. E., J.F. Weston and K. Shastri (2004), Financial Theory and Corporate Policy, Addison Wesley, 4th Edition, 1024 pages.

Danielsson J., (2011), Financial Risk Forecasting: the Theory and Practice of Forecasting Market with Implementation in R and Matlab, Wiley-Blackwell, 296 pages.

Elton E., M. Gruber, S. Brown and W. Goetzmann, (2010), Modern Portfolio Theory and Investments Analysis, John Wiley and Sons, 8th Edition, 752 pages.

Meucci A., (2009), Risk and Asset Allocation, Springer, 560 pages

## Ressources pédagogiques

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Classe interactive

# Contact(s)

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