- Faculté des sciences économiques
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Research in Financial Analysis (5AF2021)

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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Objectifs

This course is designed to make students familiar with research in financial analysis (topics, methodologies, implementation, and writing). Databases such as CRSP, Compustat, and Thomson Reuters are introduced. Tests of asset pricing models and event studies are presented.

Contenu

This course covers important and controversial topics in empirical finance. First, we will survey empirical facts and then implement tests of theories to understand the facts. We will study the time-series properties of the aggregate stock market and cross-sectional behaviour of individual stocks; how to implement an event study to measure the effect of an economic event on the broad market or the value of a company.

Forme de l'évaluation

Work during the semester (50%): Take-home assingments.
Two-hour final written exam (50%) during the last lecture of the semester.
Re-take exam: Take-home assingments (50%) and written exam (50%) during the session.

Allowed tools (written exam): Simple calculator, cheat sheet (one page DIN-A4, back and front, handwritten)

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

Campbell, J., Lo, A., MacKinlay, C., 1997, "The Econometrics of Financial Markets", Princeton University Press and articles.

Pré-requis

A course in Asset Pricing, Programming, Econometrics and in Corporate Finance.

Forme de l'enseignement

Lectures: two hours per week.
Computer-lab session: two hours per week.

We start with a two hours lecture. Afterwards, we will learn step by step how to implement workhorse methods in finance using Matlab.