

About

This course builds on case studies in order to study the fundamentals of corporate financial risk management in diverse situations. It covers techniques to identify, measure and manage corporate financial risk, both for financial and non financial institutions, as modern financial markets and regulation require. Specifically, topics of discussion will include dynamic hedging and portfolio replication, popular risk measures such as Value-at-Risk and Expected Shortfall, Earnings at Risk and Cash flow at Risk, the failures of such risk measures under special circumstances, as well as the active risk management of exchange rate, interest rate, and credit risk.

We analyze the pros and cons of using different derivative securities, from standard futures and options, to the more advanced credit default swaps (CDS) and collateralized debt obligations (CDOs). The nature of the course is both quantitative and application driven. A thorough and up-to-date knowledge of risk management principles and tools is essential in today's markets since the decisions of risk management professionals, such as treasurers, risk analysts, risk controllers and portfolio managers may determine the fate of a whole institution.

Learning objectives

Upon completion of this course, you will:

- Learn to apply modern risk modeling techniques in order to analyze and optimize the risk position of a corporation;
- Know how to apply hedging strategies using derivative instruments such as futures and options will be considered;
- Work with real world data and case studies

Key concepts

- Market risk;
- Credit risk;
- Interest rate risk;
- Exchange rate risk;
- Hedging with Futures & Options;
- Financial Engineering;
- Structured Finance

Faculty**[Prof. Dr. Mark Wahrenburg](#)**

Mark Wahrenburg is the founding Dean of Goethe Business School and Chaired Professor of Banking and Finance of Frankfurt University. He received a Master degree in Business Administration and a PhD from the University of Cologne. Prof. Wahrenburg has been visiting professor at the Wharton School and full professor of finance at the University of Witten/Herdecke. For several years, he worked as a consultant with McKinsey and American Management Systems. Professor Wahrenburg also spent one year in Vietnam in order to support the establishment for the German-Vietnamese-University in Ho-Chi-Minh-City.

Course format

This course is offered in the part-time Master in Finance program and may be attended on a “**no credit**” basis by individuals not enrolled in the program. Course participants are visitors who are not responsible for assignments and do not take an exam or earn academic credits. As the number of seats in the course is limited, we recommend to [register online](#) early.

Course materials

Course materials except books will be provided in electronic form.

Language

English

Course schedule

Date	Sessions
Fri., Mar 29, 2019	13:00-15:00
	15:30-17:30
Sat., Mar 30, 2019	14:30-16:30
Fri., Apr 12, 2019	16:45-18:45
Sat., Apr 13, 2019	09:00-11:00
	11:30-13:30
Fri., Apr 26, 2019	15:30-17:30
	18:00-20:00
Sat., Apr 27, 2019	14:30-16:30
Fri., May 10, 2019	18:00-20:00
Sat., May 11, 2019	09:00-11:00
	11:30-13:30

Course fee*

€ 1.900 (fee is exempt from VAT). Goethe Business School students and alumni receive a **20% discount** off the regular fee.

Certificate of participation

A Goethe Business School certificate of participation is awarded upon completion of the course.

Venue

House of Finance (Room tba), Goethe University, Theodor-W.-Adorno-Platz 3, 60323 Frankfurt am Main.

***Withdrawal and fee refund**

In case the course withdrawal request is received two weeks prior to the start of classes, we will retain a withdrawal fee of EUR 50. In case the course withdrawal request is received less than two weeks prior to the start of classes, we will retain 50% of the payment made.

Contact

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