

Syllabus

Syllabus

Titul dl curs	Gestione del rischio finanziario
Codesc dl curs	27343
Titul suplementar	
SSD	ECON-09/B
Lingaz	Tedesco
Curs de laurea	Corso di laurea in Economia e Management
D'autri cursc de laurea (cursc deberieda)	
Dozenc	
Assistent didatich	
Semester	Primo semestre
Ann/Agn de stude	3
Credic universitars	6
Ores de insegnament	36
Ores de laboratore	-
Ores de stude individual	-
Ores de riceviment prevedudes	18
Ressum� di contegnus	This is an introductory course on risk management and financial products. The main contents are the mechanics and pricing of derivatives (forwards, futures, swaps and options). Students will be equipped with the knowledge of how to use such derivatives for risk management.
Argomenc dl curs	Functioning of futures markets; hedging strategies; determination of forward and future prices; swaps; functioning of options markets; trading strategies with options; Binomial trees; Vienna processes; Black-Scholes-Merton model; options on stock indices, currencies and futures; the "Greeks".

Paroles clef	Unconditional forward transactions (forwards and futures), swaps, options, binomial trees, Black-Scholes-Merton model, "Greeks"
Prerequisic aconsiés	
Cursc propedeutics	
Modalité de enseignament	Lectures
Oblianza de frecuencia	Not mandatory, but recommended
Obietifs formatifs y competenzes da arjonje	ILO (Intended Learning Outcomes) ILO 1 Knowledge and understanding ILO 1.1 Knowledge of the analytical method for estimating present values and discount factors for estimating the cost of capital and the valuation of bonds and equities ILO 1.2 Knowledge of the methods of medium and long-term financial forecasting and sensitivity analysis with simulation under uncertainty for risk management in corporate and international finance ILO 1.3 Knowledge and understanding of the international financial environment, multinational risk defence techniques and competitive strategies of global banks ILO 2 Ability to apply knowledge and understanding ILO 2.1 Knowledge of the use of spreadsheet programmes to value fixed income financial instruments and shares in listed companies ILO 2.2 Apply techniques to evaluate the performance of financial assets and understand the pricing mechanisms of high-risk financial assets and spot and forward interest rates ILO 3 Making judgements ILO 3.1 critically analyse the facts and the situations to be dealt with ILO 3.2 select the most appropriate quantitative and qualitative methods of analysis ILO 3.3 combine information and analytical methods, including the use of modern software packages, in a logical argument to find a solution

	ILO 4 Learning skills ILO 4.1 critically analyse and integrate data, information and future experiences, including using advanced software packages
Obietifs formatifs y competenzes da arjonje (informazions suplementares)	
Sort de ejam	Written examinations
Criters de valutazion	Written examinations after 50% and at the end of the semester. 1st session: Assessment based on the mid-term exam (33.33%) and the final exam (66.67%). Without participation in the mid-term exam: final exam (100%). 2nd or 3rd session: final exam always 100%. Minimum points for a positive final examination: 18 out of 30+ points. ILOs assessed 1 to 4
Bibliografia obligatora	John Hull: Options, Futures and Other Derivatives, Pearson, 11th edition, 2022.
Bibliografia aconsieda	
Deplù informazions	
OSS	Istruzione di qualità, Utilizzo responsabile delle risorse, Innovazione e infrastrutture, Buona occupazione e crescita economica