

Syllabus

Descrizione corso

Titolo insegnamento	Analisi e valutazioni finanziarie
Codice insegnamento	27330
Titolo aggiuntivo	
Settore Scientifico-Disciplinare	ECON-09/A
Lingua	Inglese
Corso di Studio	Corso di laurea in Economia e Management
Altri Corsi di Studio (mutuati)	
Docenti	dr. Dmitri Boreiko, Dmitri.Boreiko@unibz.it https://www.unibz.it/en/faculties/economics-management/academic-staff/person/1070
Assistente	
Semestre	Secondo semestre
Anno/i di corso	2
CFU	6
Ore didattica frontale	36
Ore di laboratorio	18
Ore di studio individuale	-
Ore di ricevimento previste	18
Sintesi contenuti	<p>The course introduces the fundamentals of modern corporate finance, covering topics such as time value of money, capital budgeting, and cost of capital.</p> <p>Students will learn how to apply theoretical concepts using Excel for tasks like valuation, portfolio construction, and risk assessment.</p> <p>Key concepts include portfolio theory, CAPM, capital structure, company valuation with DCF and multiples, and Free Cash Flow</p>

	<p>estimation.</p> <p>The course includes a Portfolio Investment Challenge to apply skills in a practical, competitive setting.</p>
Argomenti dell'insegnamento	<ul style="list-style-type: none"> • Valore Attuale Netto • Tecniche di capital budgeting e valutazione degli investimenti • Teoria del portafoglio degli investimenti • Capital Asset Pricing Model • Struttura del capitale e costo del capitale • Valutazione degli strumenti finanziari e degli investimenti: dall'analisi dei flussi di cassa attualizzati alla valutazione per multipli • Crowdfunding, blockchain, finanza decentralizzata e altre innovazioni per il finanziamento delle imprese
Parole chiave	Rendimento, Rischio, CAPM, Valutazione, Struttura del capitale, Costo del capitale, Teoria del portafoglio
Prerequisiti	Conoscenze di base di Excel
Insegnamenti propedeutici	
Modalità di insegnamento	<ul style="list-style-type: none"> • Lezioni frontali • Esercitazioni in Excel • Verifica interattiva del materiale trattato tramite quiz • Competizione sulla simulazione della costruzione di un portafoglio di investimenti
Obbligo di frequenza	Attendance not compulsory but strongly recommended
Obiettivi formativi specifici e risultati di apprendimento attesi	<p>Knowledge and understanding</p> <p>Area: quantitative methods for decision-making</p> <p>knowledge of basic and intermediate level mathematical tools for understanding and analysing economic mechanisms through theoretical models and empirical applications</p> <p>knowledge of the tools for static, dynamic, and comparative analysis of data on individuals, firms and economies</p> <p>knowledge and understanding of descriptive statistics, the fundamentals of probability theory and sample methods, standard distributions and their application to economic analysis as well as linear and non-linear regression</p> <p>understanding of parametric estimation and hypothesis testing</p> <p>Knowledge of computer tools necessary for reading and analysing economic data and models</p> <p>knowledge of the structure of computer networks, their main</p>

	<p>applications and security techniques as well as techniques for data collection, presentation and analysis using appropriate software</p> <p>knowledge of international accounting systems and the double-entry method for the recognition and measurement of business operations</p> <p>"understanding of financial statements"</p> <p>"</p> <p>"in-depth knowledge of accounting data recognition or management control"</p> <p>Knowledge of the analysis method for estimating present values and discount factors for estimating the cost of capital and valuation of bonds and shares</p> <p>Knowledge of medium and long-term financial forecasting methodologies and sensitivity analysis with simulation under uncertainty to manage risks in corporate and international finance</p> <p>knowledge and understanding of the international financial environment, multinational risk defence techniques and competitive strategies adopted by global banks</p> <p>knowledge of the mechanisms underlying effective communication of quantitative topics in three languages: Italian, German and English</p> <p>Ability to apply knowledge and understanding</p> <p>Area: quantitative methods for decision-making</p> <p>to be able to analyse (unconstrained) optimisation problems and to mathematically interpret models of social and economic dynamics</p> <p>to formalise economic problems using mathematical models, to solve such problems and to interpret the results conceptually</p> <p>being able to analyse economic data using descriptive statics, parametric and non-parametric methods as well as linear and non-linear regression and interpret the results</p> <p>knowing how to apply international accounting standards to the various contexts of business reality</p> <p>knowing how to derive and interpret economic information taken from the web</p> <p>knowing how to use computers and computer networks to analyse large quantities of data in solving complex problems and to write theses and articles</p>
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	<p>knowing how to evaluate fixed-income and equity financial instruments of companies listed on stock markets through the use of spreadsheet programs</p> <p>knowing how to analyse financial statements by means of balance sheet ratios and communicate the results in accordance with international professional standards</p> <p>knowing how to apply the main theories on capital, foreign exchange and commodity markets to actually observed data, including in an international context</p> <p>knowing how to set up and carry out an empirical project using econometric software and financial or economic databases</p> <p>knowing how to use techniques for evaluating the performance of financial investments and understanding the price formation mechanisms of risky financial assets and spot and forward interest rates</p> <p>knowing how to work with basic and intermediate level mathematical tools, and basic level statistics, to study the behaviour of economic actors, from a theoretical and empirical point of view</p> <p>knowing how to analyse economic datasets using spreadsheets or other suitable software</p> <p>knowing how to use computer tools for the analysis of economies being able to communicate the results of quantitative analyses prepared according to international professional standards in three languages: Italian, German and English</p> <p>Autonomy of judgement</p> <p>choose the most appropriate quantitative and qualitative methods of analysis</p> <p>use logical reasoning to combine information and analytical methods, including modern software packages, to arrive at a solution</p> <p>Learning ability</p> <p>analyse, critically process and integrate data, information and future experience, also using advanced software</p>
<p>Obiettivi formativi specifici e risultati di apprendimento attesi (ulteriori info.)</p>	<p>Conoscenza e capacità di comprensione:</p> <ul style="list-style-type: none"> • Conoscenza degli strumenti necessari per calcolare i valori attuali, scegliere i fattori di sconto, stimare il costo del capitale e valutare strumenti finanziari come obbligazioni, azioni o progetti di

	<p>investimento.</p> <p>Capacità di applicare conoscenza e comprensione:</p> <ul style="list-style-type: none"> • Capacità di valutare strumenti finanziari a reddito fisso e le azioni di imprese quotate utilizzando software di fogli elettronici. <p>Autonomia di giudizio:</p> <ul style="list-style-type: none"> • Scegliere il miglior investimento tra alternative • Essere in grado di stimare l'effetto dell'incertezza sulla scelta di investimento <p>Abilità comunicative:</p> <ul style="list-style-type: none"> • non previste <p>Capacità di apprendimento:</p> <ul style="list-style-type: none"> • Essere in grado di comprendere e trovare una soluzione a un particolare problema finanziario di un'impresa.
Modalità di esame	Prove scritte e lavoro progettuale: esame scritto con domande di revisione teorica ed esercizi numerici
Criteri di valutazione	Voto finale dalla valutazione d'esame (100 %)
Bibliografia obbligatoria	Capitoli selezionati dal Curriculum del CFA Program 2020, Livello I e II, Volumi 1–6.
Bibliografia facoltativa	R. Brealey-S. Myers-F. Allen, Principles of Corporate Finance, 12th edition, McGraw-Hill, 2017
Altre informazioni	no
Obiettivi di Sviluppo Sostenibile (SDGs)	Innovazione e infrastrutture, Buona occupazione e crescita economica