Freie Universität Bozen
Libera Università di Bolzano
Università Liedia de Bulsan

Syllabus

Kursbeschreibung

Titel der Lehrveranstaltung	Finanzanalyse
Code der Lehrveranstaltung	27330
Zusätzlicher Titel der Lehrveranstaltung	
Wissenschaftlich-disziplinärer Bereich	ECON-09/A
Sprache	Englisch
Studiengang	Bachelor in Wirtschaftswissenschaften und Betriebsführung
Andere Studiengänge (gem. Lehrveranstaltung)	
Dozenten/Dozentinnen	Dr. Dmitri Boreiko, Dmitri.Boreiko@unibz.it https://www.unibz.it/en/faculties/economics-management/academic-staff/person/1070
Wissensch. Mitarbeiter/Mitarbeiterin	
Semester	Zweites Semester
Studienjahr/e	2
KP	6
Vorlesungsstunden	36
Laboratoriumsstunden	18
Stunden für individuelles Studium	-
Vorgesehene Sprechzeiten	18
Inhaltsangabe	The course introduces the fundamentals of modern corporate finance, covering topics such as time value of money, capital budgeting, and cost of capital. Students will learn how to apply theoretical concepts using Excel for tasks like valuation, portfolio construction, and risk assessment.

	Key concepts include portfolio theory, CAPM, capital structure, company valuation with DCF and multiples, and Free Cash Flow estimation. The course includes a Portfolio Investment Challenge to apply skills in a practical, competitive setting.
Themen der Lehrveranstaltung	• Net Present Value • Techniken der Investitionsrechnung und Investitionsbewertung • Portfoliotheorie der Geldanlage • Capital Asset Pricing Model • Kapitalstruktur und Kapitalkosten • Bewertung von Finanzinstrumenten und Investitionen: von der Discounted-Cash-Flow-Analyse bis zur Multiplikatorenbewertung • Crowdfunding, Blockchain, Dezentralisierte Finanzen und andere Innovationen in der Unternehmensfinanzierung
Stichwörter	endite, Risiko, CAPM, Bewertung, Kapitalstruktur, Kapitalkosten, Portfoliotheorie
Empfohlene Voraussetzungen	Grundkenntnisse in Excel
Propädeutische Lehrveranstaltungen	
Unterrichtsform	• Frontalvorlesungen • Übungen in Excel • Interaktive Überprüfung des behandelten Materials mit Quizfragen • Wettbewerb zur Simulation der Erstellung eines Anlageportfolios
Anwesenheitspflicht	Attendance not compulsory but strongly recommended
Spezifische Bildungsziele und erwartete Lernergebnisse	Knowledge and understanding Area: quantitative methods for decision-making knowledge of basic and intermediate level mathematical tools for understanding and analysing economic mechanisms through theoretical models and empirical applications knowledge of the tools for static, dynamic, and comparative analysis of data on individuals, firms and economies 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

	understanding of parametric estimation and hypothesis testing Knowledge of computer tools necessary for reading and analysing economic data and models knowledge of the structure of computer networks, their main applications and security techniques as well as techniques for data collection, presentation and analysis using appropriate software knowledge of international accounting systems and the double-entry method for the recognition and measurement of business operations "understanding of financial statements " "in-depth knowledge of accounting data recognition or management control " Knowledge of the analysis method for estimating present values and discount factors for estimating the cost of capital and valuation of bonds and shares Knowledge of medium and long-term financial forecasting methodologies and sensitivity analysis with simulation under uncertainty to manage risks in corporate and international finance knowledge and understanding of the international financial environment, multinational risk defence techniques and competitive strategies adopted by global banks knowledge of the mechanisms underlying effective communication of quantitative topics in three languages: Italian, German and English Ability to apply knowledge and understanding Area: quantitative methods for decision-making to be able to analyse (unconstrained) optimisation problems and to mathematically interpret models of social and economic dynamics to formalise economic problems using mathematical models, to solve such problems and to interpret the results conceptually 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 knowing how to apply international accounting standards to the various contexts of business reality knowing how to derive and interpret economic information taken

	from the web knowing how to use computers and computer networks to analyse large quantities of data in solving complex problems and to write theses and articles knowing how to evaluate fixed-income and equity financial instruments of companies listed on stock markets through the use of spreadsheet programs knowing how to analyse financial statements by means of balance sheet ratios and communicate the results in accordance with international professional standards knowing how to apply the main theories on capital, foreign exchange and commodity markets to actually observed data, including in an international context knowing how to set up and carry out an empirical project using econometric software and financial or economic databases 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 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 knowing how to analyse economic datasets using spreadsheets or other suitable software 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 Autonomy of judgement choose the most appropriate quantitative and qualitative methods of analysis use logical reasoning to combine information and analytical methods, including modern software packages, to arrive at a solution Learning ability analyse, critically process and integrate data, information and future experience, also using advanced software

Spezifisches Bildungsziel und erwartete Lernergebnisse (zusätzliche Informationen)	Wissen und Verstehen: • Kenntnis der Werkzeuge, die notwendig sind, um Barwerte zu berechnen, Diskontfaktoren zu wählen, die Kapitalkosten zu schätzen und Wertpapiere wie Anleihen, Aktien oder Investitionsprojekte zu bewerten. Anwendung von Wissen und Verstehen: • Fähigkeit, festverzinsliche Finanzinstrumente und die Aktien börsennotierter Unternehmen mit Tabellenkalkulationssoftware zu bewerten. Urteilsvermögen: • Die beste Investition unter Alternativen auswählen • Die Auswirkungen von Unsicherheit auf die Investitionsentscheidung einschätzen können Kommunikationsfähigkeiten: • nicht vorgesehen Lernfähigkeiten: • In der Lage sein, ein spezifisches finanzielles Problem eines Unternehmens zu verstehen und eine Lösung dafür zu finden.
Art der Prüfung	Schriftliche und Projektarbeit: schriftliche Prüfung mit theoretischen Wiederholungsfragen und numerischen Übungen
Bewertungskriterien	Endnote aus Prüfungsbewertung (100 %)
Pflichtliteratur	Ausgewählte Kapitel aus dem CFA-Programmlehrplan 2020, Level I und II, Bände 1–6.
Weiterführende Literatur	R. Brealey-S. Myers-F. Allen, Principles of Corporate Finance, 12th edition, McGraw-Hill, 2017
Weitere Informationen	no
Ziele für nachhaltige Entwicklung (SDGs)	Industrie, Innovation und Infrastruktur, Menschenwürdige Arbeit und Wirtschaftswachstum