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 Dott. Giuliano Maestranzi, Giuliano.Maestranzi@unibz.it https://www.unibz.it/en/faculties/economics-management/academic-staff/person/53136
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 - Capital budgeting techniques and investment valuation - Investment Portfolio Theory - Capital Asset Pricing Model - Capital structure and cost of capital - Valuation of financial instruments and investments: from discounted cash flow analysis to valuation by multiples - Crowdfunding, blockchain, decentralised finance and other innovations for corporate financing
Stichwörter	Yield, Risk, CAPM, Valuation, Capital structure, Cost of capital, Portfolio theory
Empfohlene Voraussetzungen	Basic knowledge of Excel
Propädeutische Lehrveranstaltungen	
Unterrichtsform	- Lectures - Exercises in Excel - Interactive review of the material covered by means of quizzes - Competition on simulating the construction of an investment portfolio
Anwesenheitspflicht	Attendance not compulsory but strongly recommended
Spezifische Bildungsziele und erwartete Lernergebnisse	ILO (Intended Learning Outcomes) ILO 1 Knowledge and understanding ILO 1.1 Knowledge of the method of analysis for estimating present values and discount factors to estimate the cost of capital and valuation of bonds and shares ILO 1.2 Knowledge of medium and long-term financial forecasting

	methodologies and sensitivity analysis with simulation under uncertainty to manage risks in corporate and international finance ILO1.3 knowledge and understanding of the international financial environment, multinational risk defence techniques and competitive strategies adopted by global banks ILO 2 Ability to apply knowledge and understanding ILO 2.1 knowing how to value fixed-income and equity financial instruments of companies listed on stock markets through the use of spreadsheet programmes ILO 2.2 be able to use techniques for evaluating the performance of financial investments and understand the price formation mechanisms of risky financial assets and spot and forward interest rates ILO 2.3 know how to analyse economic datasets using spreadsheets or other suitable software ILO 3 Making judgements ILO3.1 choose the most appropriate quantitative and qualitative methods of analysis ILO3.2 use logical reasoning to combine information and analytical methods, also using modern software packages, to arrive at a solution ILO 4 Learning skills ILO 4.1 analyse, critically process and integrate data, information and future experience, also using advanced software
Spezifisches Bildungsziel und erwartete Lernergebnisse (zusätzliche Informationen)	Knowledge and comprehension skills: - Knowledge of the tools needed to calculate present values, choose discount factors, estimate the cost of capital and evaluate financial instruments such as bonds, shares or investment projects. Ability to apply knowledge and understanding: - Ability to value fixed income financial instruments and shares of listed companies using spreadsheet software. Autonomy of judgement: - Choose the best investment among alternatives - Be able to estimate the effect of uncertainty on investment choice

	Communication skills: - not expected Learning skills: - To be able to understand and find a solution to a particular financial problem in a company.
Art der Prüfung	Written tests and project work: written examination with theoretical review questions and numerical exercises
Bewertungskriterien	Final grade from examination assessment (100 %) ILOs assessed 1 to 4
Pflichtliteratur	Selected chapters from the CFA Programme 2020 Curriculum, Level I and II, Volumes 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