Freie Universität Bozen
Libera Università di Bolzano
Università Liedia de Bulsan

Syllabus

Kursbeschreibung

Titel der Lehrveranstaltung	Economic Theory (micro and macro)
Code der Lehrveranstaltung	29124
Zusätzlicher Titel der Lehrveranstaltung	
Wissenschaftlich-disziplinärer Bereich	NN
Sprache	Englisch
Studiengang	Doktoratsstudium in Economics and Finance
Andere Studiengänge (gem. Lehrveranstaltung)	
Dozenten/Dozentinnen	Prof. Federico Boffa, FBoffa@unibz.it https://www.unibz.it/en/faculties/economics-management/academic-staff/person/5799 Prof. Paolo Roberti, Paolo.Roberti@unibz.it https://www.unibz.it/en/faculties/economics-management/academic-staff/person/41969
Wissensch. Mitarbeiter/Mitarbeiterin	
Semester	Erstes Semester
Studienjahr/e	2026/27
KP	5
Vorlesungsstunden	32
Laboratoriumsstunden	0
Stunden für individuelles Studium	0
Vorgesehene Sprechzeiten	
Inhaltsangabe	The course will cover the fundamental principles of theoretical microeconomics and macroeconomics, providing students with an in-depth understanding of a range of topics spanning from models

	that explain the behavior of the individual economic agent to models of general economic equilibrium and macroeconomics. In addition, the course will introduce key concepts within neoclassical theory, such as the role of risk and uncertainty, the theory of the firm, and the study of different market structures. Particular attention will also be devoted to the relationship between markets and social welfare, with a specific emphasis on the concepts of partial and general equilibrium. Furthermore, the course will present selected frontier macroeconomic models and introduce basic concepts of game theory.
Themen der Lehrveranstaltung	Preference and Choice. Consumer Choice. Classical Demand Theory. Aggregate Demand. Production. Choice Under Uncertainty. First and Second Welfare Theorems. Non Cooperative Games (strategic/extensive form games, mixed strategies). Repeated Games. Incomplete Information Games: Bayesian Nash Equilibria. Signaling Games and Equilibrium Refinements (+applications). The macroeconomics of financial market imperfections, financial networks, contagion and financial crisis
Stichwörter	Preference, choice, demand, welfare theorems, non cooperative games, repeated games
Empfohlene Voraussetzungen	Macroeconomics: Intermediate macroeconomics
Propädeutische Lehrveranstaltungen	
Unterrichtsform	In presence
Anwesenheitspflicht	Required
Spezifische Bildungsziele und erwartete Lernergebnisse	The courses aim to train researchers with strong quantitative and theoretical skills, capable of analyzing economic and financial phenomena. Candidates’ dissertations are expected to adhere to the highest standards of scientific rigor and to demonstrate innovative features that make them suitable for publication in leading international peer-reviewed journals. The programme therefore seeks to

	contribute to the international scientific debate in economics and finance. To this end, candidates will be encouraged to employ state-of-the-art methodologies and to adopt a multidisciplinary approach. The advanced training provided by the programme, together with the research methods required to complete the dissertation, prepares candidates both for an academic career and for high-level professional positions involving policy analysis and policymaking. Macroeconomics: students will master complex modern macroeconomics, analyzing how financial market imperfections, network structures, and contagion mechanisms generate systemic risks and propagate macroeconomic financial crises.
Spezifisches Bildungsziel und erwartete Lernergebnisse (zusätzliche Informationen)	Specific educational objectives (Macroeconomics): Understand complex modern macroeconomics, focusing on financial imperfections, network contagions, systemic risk, and their impact on financial crises.
Art der Prüfung	Microeconomics: Presentation, homework, take-home exam Macroeconomics: Students are required to select and present two to three academic papers directly related to the core arguments, models, and themes discussed throughout the lectures.
Bewertungskriterien	Microeconomics: Ability to develop proofs and to solve exercises, understanding of the concepts presented in class and ability to apply those concepts to new situations Macroeconomics: Marks will be awarded based on the student's demonstrated ability in analytical comprehension, economic intuition and presentation quality
Pflichtliteratur	Microeconomics: Microeconomic Theory by Mas- Colell, Whinston and Green Macroeconomics: Brunnermeier, M. and Reis, R. (2023), A Crash Course on Crises: Macroeconomic Concepts for Run-Ups, Collapses, and Recoveries. Princeton University Press.

Weiterführende Literatur	Microeconomics: Game Theory by Fudenberg and Tirole Macroeconomics: Gai, P. (2011), Systemi Risk: The Dynamics of Modern Financial Systems. Oxford University Press.
Weitere Informationen	12 hours Macroeconomics: Prof. Edoardo Gaffeo 10 hours Microeconomics: Prof. Federico Boffa 10 hours Microeconomics: Prof. Paolo Roberti
Ziele für nachhaltige Entwicklung (SDGs)	Hochwertige Bildung