

Syllabus

Descrizione corso

Titolo insegnamento	Economic Theory (micro and macro)
Codice insegnamento	29124
Titolo aggiuntivo	
Settore Scientifico-Disciplinare	NN
Lingua	Inglese
Corso di Studio	Corso di Dottorato di ricerca in Economics and Finance
Altri Corsi di Studio (mutuati)	
Docenti	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
Assistente	
Semestre	Primo semestre
Anno/i di corso	2026/27
CFU	5
Ore didattica frontale	32
Ore di laboratorio	0
Ore di studio individuale	0
Ore di ricevimento previste	
Sintesi contenuti	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.
Argomenti dell'insegnamento	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
Parole chiave	Preference, choice, demand, welfare theorems, non cooperative games, repeated games
Prerequisiti	Macroeconomics: Intermediate macroeconomics
Insegnamenti propedeutici	
Modalità di insegnamento	In presence
Obbligo di frequenza	Required
Obiettivi formativi specifici e risultati di apprendimento attesi	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.
Obiettivi formativi specifici e risultati di apprendimento attesi (ulteriori info.)	Specific educational objectives (Macroeconomics): Understand complex modern macroeconomics, focusing on financial imperfections, network contagions, systemic risk, and their impact on financial crises.
Modalità di esame	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.
Criteri di valutazione	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
Bibliografia obbligatoria	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.
Bibliografia facoltativa	Microeconomics: Game Theory by Fudenberg and Tirole Macroeconomics: Gai, P. (2011), Systemic Risk: The Dynamics of Modern Financial Systems. Oxford University Press.
Altre informazioni	12 hours Macroeconomics: Prof. Edoardo Gaffeo

	10 hours Microeconomics: Prof. Federico Boffa 10 hours Microeconomics: Prof. Paolo Roberti
Obiettivi di Sviluppo Sostenibile (SDGs)	Istruzione di qualità