



**University of
Zurich** UZH

ETH

Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Master of Science in Quantitative Finance

Economic Foundations for Finance

Lecturers: Prof. Dr. Thorsten Hens, Prof. Dr. Urs Birchler

Credits (ECTS): 4.5

Course contents:

- Basics from game theory and general equilibrium theory which are the two main foundations for financial theory
- Game theory is needed for information economics (insurance, banking) and corporate finance (corporate governance)
- General equilibrium theory is needed for asset pricing and valuation

Literature:

- Luenberger, D.: “Microeconomic Theory”, McGraw-Hill, 1995.