



Research  
Education  
Outreach

**CCA**

# General Equilibrium Theory

January/February 2022

**Instructor**  
Andrea Gallice

Contact information:

Collegio Carlo Alberto (office 107)

[andrea.gallice@carloalberto.org](mailto:andrea.gallice@carloalberto.org)

+39 011 670 5026

[www.andreagallice.eu](http://www.andreagallice.eu)

## Objective of the course:

The course introduces and explores general equilibrium theory and the welfare properties of competitive equilibria.

## Contents:

1. Introduction: some history of GET, partial vs. general equilibrium, revision of basic microeconomic concepts (preferences, utility maximization, production, profit maximization)
2. A first example of GE: a pure exchange economy
3. A second example of GE: a one-consumer, one-producer economy
4. Competitive equilibria and the first and second fundamental theorems of welfare
5. Existence, uniqueness and stability of the equilibrium
6. The core
7. GE under uncertainty: the Arrow-Debreu equilibrium

## Problem Sets and Final Exam:

I will distribute a couple of problem sets. There will be a final written exam.

## Textbook:

Mas-Colell, A., Whinston, M.D. and J. R. Green (1995). *Microeconomic Theory*. OUP, 1995.