

Doctoral Program in Economics



Academic year 2021/22

MICROECONOMICS

Period:

Second term: January and February 2022

Course hours:

20

Teachers:

Nicola Dimitri (resp. 12 h), Paolo Scapparone (8h),

Exam methods:

3 hours written examination

Prerequisites

Basic Microeconomics, Calculus, Basic Statistics

Production Theory, Expected Utility, General Equilibrium 12h, prof. Dimitri

Program

Technology and production function
Cost function
Profit function
Duality
Preferences under uncertainty
Expected utility
Walrasian Equilibrium
Arrow-Debreu Equilibrium

Educational objectives

In this module the students will learn the fundamentals of neoclassical production theory, expected utility and general equilibrium at an advanced level

Bibliographical references

Much of the material will refer to:

Jehel & Reny (2001) *Advanced Microeconomic Theory* (2nd ed.) Addison Wesley.
Mas-Colell, Whinston & Green (1995) *Microeconomic Theory*, Oxford University Press
Munoz-Garcia (2017) *Advanced Microeconomic Theory*, MIT Press
Varian (1992) *Microeconomic Analysis* (3rd ed) Norton

In case, additional references will be provided by the lecturer

Consumption Theory, 8h, prof. Scapparone

Program

Preferences Utility Function Expenditure Function Demand function Duality

Educational objectives

In this module the students will learn the fundamentals of neoclassical consumption theory at an advanced level

Bibliographical references

Much of the material will refer to:

Jehel & Reny (2001) *Advanced Microeconomic Theory* (2nd ed.) Addison Wesley.

Mass-Colell, Whinston & Green (1995) *Microeconomic Theory*, Oxford University Press

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