

Doctoral Program in Economics



Academic year 2020/21

MICROECONOMICS I

Period:

First term: from November 2nd to January 29th

Course hours:

30

Teachers:

Nicola Dimitri (resp. 10 h), Alessandro Giofrè (6h), Paolo Scapparone (10h), Alessandro Tampieri (4h)

Exam methods:

3 hours written examination

Prerequisites

Basic Microeconomics, Calculus, Basic Statistics

Production Theory, 10h, proff. Giofrè and Tampieri

Program

Technology and production function
Cost function
Profit function
Duality

Educational objectives

In this module the students will learn the fundamentals of neoclassical production theory 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 lecturers

Consumption Theory, 10h, 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
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

Expected Utility, General Equilibrium, 10h, prof. Dimitri

Program

Preferences under uncertainty
Expected utility
Walrasian Equilibrium
Arrow-Debreu Equilibrium

Educational objectives

In this module the students will learn the fundamentals of 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.
Mass-Colell, Whinston & Green (1995) *Microeconomic Theory*, Oxford University Press
Munoz-Garcia (2017) *Advanced Microeconomic Theory*, MIT Press
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