

Graduate macroeconomics I

Course mnemonic

ECON-S427

ECTS credits

10 credits

Language(s) of instruction

English

Course period

First term

Campus

Solbosch

Course content

In this course students learn the fundamental building blocks of macroeconomic theory. The topics covered include consumption theory, life-cycle models, complete and incomplete markets, the neoclassical growth model, the real business cycle model, general equilibrium macroeconomics with heterogeneous agents: bewley-huggett-aiyagari and krussel-smith.

Objectives (and/or specific learning outcomes)

This course presents some fundamental building blocks of macroeconomic theory.

Pre-requisites and co-requisites

Required knowledge and skills

Familiarity with basic optimization techniques and some undergraduate macroeconomics is required.

Teaching method and learning activities

Lectures, problem sets, and practical sessions.

Contribution to the teaching profile

This course contributes to the following program learning objectives:

LO 1.2 - Assess the quality of an economic research produced by others

LO 1.3 - Identify and analyse an issue using the relevant analytical tools and methods

LO 2.1 - Adopt a scientific approach to data collection, research and analysis and communicate results with clear, structured and sophisticated arguments

LO 2.2 - Display critical thinking and develop autonomous learning strategies and techniques

LO 3.2 - Thorough and critical ability to use empirical and statistical tools in economics

LO 4.1 - Work and communicate effectively as part of a team in an international and multicultural environment

References, bibliography and recommended reading

Ljungqvist, Lars, and Thomas J. Sargent. Recursive macroeconomic theory, fourth edition. MIT press.

Other information

Place(s) of teaching

Solbosch

Contact(s)

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Programmes

Programmes proposing this course at the Solvay Brussels School of Economics and Management

MA-ECOE | **Master in Economics : Econometrics** | finalité Research in Economics/unit 1 and finalité Research in Economics and statistics/unit 1

Programmes proposing this course at the faculty of Sciences

MA-STAT | **Master in Statistics : General** | finalité Research General/unit 1