# Graduate macroeconomics I

**Lecturer**
Fabio Blasutto (Coordinator)

**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-requisits and co-requisits

### 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)

fabio.blasutto@ulb.be

## Evaluation method(s)

written examination and Group work

### Evaluation method(s) (additional information)

Written examination. The course instructor reserves the right to invite any student to a supplementary oral interview in order to verify their personal command of the content of the submitted exam, in particular where inconsistencies identified in the exam prevent the instructor from properly assessing the level of mastery of the knowledge and skills targeted by the course.

### Determination of the mark (including the weighting of partial marks)

Written final exam (100%).

### Main language(s) of evaluation

English

# 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