



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Global Macroeconomics

2021-1-F5602M004

Learning objectives

This course is designed to present you key developments in advanced macroeconomic theory, which are used to explain the determination of economic growth and business-cycles fluctuations in the context of a ...

Having taken this course, you should be able to:

1. Derive analytically and analyse advanced micro-founded models of the economy and explain their main economic intuitions.
2. Be able to interpret the "stylised facts" in the field of macroeconomics using advanced tools of modern macroeconomic theory.
3. Compare and contrast the implications for macroeconomic policy of different economic theories.

Contents

The Course presents key developments in advanced macroeconomic theory. The student will be able to _____

Detailed program

There will be approximately 70 hours of lectures and 12 hours of tutorials/tutor office hours divided among the two parts of the Course.

Prerequisites

The course is self-contained in the sense that I will cover all the material during lectures and tutorials. I will also provide detailed explanations of all the mathematical tools and microeconomics concepts used throughout the course.

Students need to have taken Introductory Microeconomics and Macroeconomics. _____

Teaching methods

Lectures are designed to:

- cover together the main points and structure of each topic;
- introduce, apply and analyse the material;
- suggest ways of improving your learning and analytical assessment of the material;
- provide guidance to further research and reading for each topic;

Tutorials are undertaken in parallel with the lectures and are structured so as to develop your quantitative skills and ability to apply the principles of macroeconomics outside the context in which they are introduced in the lectures. Tutorial classes will be held by Dr Bianca Barbaro (bianca.barbaro@unimib.it) and they will be devoted to learning how to code and simulate the dynamic macro models seen during the lectures, through the use of Matlab and Dynare.

Assessment methods

The total mark of the course “Global Macroeconomics” is based on the weighted average from the evaluations of part 1 and 2.

The assessments consist in one applied group-homework and one written exam for each part of the Course.

More details about assessments will be provided in the pages of the two parts of Global Macroeconomics.

Textbooks and Reading Materials

Specific textbooks and additional readings are provided in the pages of each part of the Course and they will be specified for each topic throughout the course.

Semester

Second semester: April-June 2021.

Teaching language

The course and the evaluations will be in English.
