

## **MACROECONOMICS**

(Prof. Alessia Campolmi and Prof. Michele Imbruno)

The course aims at providing students with basic background in the field of graduate macroeconomics. The focus will be on real and monetary models of the business cycle as well as long-run growth. The learning outcomes of the course are: understanding of the general framework used to study macro issues in modern macro; development of technical skills that enable students to critically evaluate core papers in the field; development of skills that enable students to take more advanced, topic-specific, macro courses.

### **Part 1 – Real Business Cycle (RBC)**

8 hours – Lecturer: Alessia Campolmi

- Empirical evidence on business cycle and growth.
- Different types of macro models: What they are used for, weaknesses and strength.
- The basic version of the models we will focus on in this course: Ramsey model.
- Common extensions

### **Part 2 – Monetary Business Cycle**

10 hours – Lecturer: Alessia Campolmi

- Empirical evidence on price rigidity.
- Different types of monetary macro models.
- The basic version of the model we will focus on: New Keynesian model.
- Common extensions.

### **Part 3 – Long-Run Growth**

12 hours – Lecturer: Michele Imbruno

- The Solow Growth model.
- Behind the Solow model: Infinite-horizon and Overlapping-generations models.
- Beyond the Solow model: New Growth Theory.

**Exam:** Two-hours written examination

**Textbook:**

- David Romer (2012). *Advanced Macroeconomics*. McGraw-Hil.
- Jordi Gali (2008). *Monetary Policy, Inflation and the Business Cycle*. Princeton University Press.

**Contact information:**

- Alessia Campolmi  
Office hours by appointment via Zoom  
Email: [alessia.campolmi@univr.it](mailto:alessia.campolmi@univr.it)
- Michele Imbruno  
Office hours by appointment via Zoom  
Email: [michele.imbruno@univr.it](mailto:michele.imbruno@univr.it)