



**SUBJECT: Advanced topics in macroeconomics.**  
**Academic year: 2023-2024**

## SYLLABUS

### **Topic 1. Determination of the equilibrium models**

Goods market

Financial market

Labour market

Models of general equilibrium. IS-LM and AD-AS models.

Price adjustments and the attainment of the equilibrium

### **Topic 2. Modern Phillips curve**

Rational expectations versus anticipated expectations.

Deduction of the aggregate supply curve from the modern Phillips curve.

Sacrifice ratio. Empirical estimations

### **Topic 3. Business cycles**

Short versus long term

Aggregate supply on short term and aggregate supply on long term

Aggregate demand on short term and aggregate demand on long term

The analysis of the shocks on short term and on long term

The analysis of the business cycles with examples. Leading, lagging and coincident indicators.

### **Topic 4. Balance of payments. Investments and savings.**

Examples of balance of payment and its components

Savings and investments in a small open economy

Savings and investments in a large open economy

Consumption and savings

Fiscal policy and the current account

### **Topic 5. Economic growth**

Economic growth decomposition. Total factor productivity

Innovation. Models based on R&D.

Transitory dynamics and economic growth in the neoclassical model.

Iterative calculus to determine the steady state, absolute convergence versus conditional convergence.

## **Bibliography:**

Acemoglu, Daron. Introduction to Modern Economic Growth; Princeton University Press. Princeton, 2009.

Abel A. B., Ben S. Bernanke, D. Crushore, *Macroeconomics*, 7th edition, Pearson Education Ltd., 2011

Blanchard O., *Macroeconomics*, 8th edition, Pearson, 2021

Mankiw G., *Macroeconomics*, 10th edition, Intermediate Textbook, Worth Publishers, 2019

Auerbach A.J., Kotlikoff L.J., *Macroeconomics: An integrated approach*, MIT Press, Harcourt College Publishers, 1999, 2nd edition.

Romer, D., *Advanced Macroeconomics*, 2nd edition, Boston, McGrawHill, 1998

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