| Detailed course unit executive plan and programme                      |        |                        |    |               |        |          |
|--|--------|------------------------|----|---------------|--------|----------|
| Course unit code   |        |                        |    |               |        |          |
| Course unit title  |        | MACROECONOMIC ANALYSIS |    |               |        |          |
| GENERAL INFORMATION  |        |                        |    |               |        |          |
| Study programme  |        |                        |    |               | Year   | 2        |
| Director of the course and assistant                                   | Alen I | Alen Belullo           |    |               |        |          |
| Course status <sup>1</sup>   | x      | Mandatory              |    | Elective      |        |          |
| Credits allocated and type of lectures                                 |        |                        |    |               |        |          |
|  |        |                        | Wi | nter semester | Summer | semester |
| ECTS students workload   |        |                        |    | 6             |        |          |
| Number of hours per semeste  | r      |                        |    | 60            |        |          |
| Course objectives, teaching and learning methods and learning outcomes |        |                        |    |               |        |          |

#### Course objectives, teaching and learning methods and learning outcomes

- 1. To give students a solid grasp of macroeconomic analysis at the intermediate-level using both graphical and algebraic techniques.
- 2. To ensure students can apply macroeconomic analysis to the study of contemporary and historical economic problems.
- 3. To use data to discriminate between competing macroeconomic theories.

### Requirements, correspondence and correlativity

Basic knowledge in calculus is required.

The Course is partially or full comparable with the courses:

- 1. Macroeconomia (Bocconi, Milano, Italia)
- 2. Macroeconomic principles (London School of Economics, UK)

# Course content (list of topics)

- 1. Introduction to macroeconomic analysis and modeling (basic concepts)
- 2. National income accounting
- 3. Aggregate supply and aggregate demand (Keynesian, classical, neoclassical approach to AS, Wages, Prices and Unemployment)
- 4. Consumption function (Marginal propensity to consume and save)
- 5. Investment spending (Investment as function of interest rates, investment multiplier)
- 6. Fiscal policy (The effects of changes in taxes, transfers and government expenditures on GDP)
- 7. Monetary policy (Money, Interest, Demand and supply of money, Transmission mechanism of monetary policy, Monetary multiplier)
- 8. IS-LM model
- 9. Model of Open Economy (Balance of payment, external equilibrium curve in the Y-r space, Exchange rates, Mundell-Fleming model)
- 10. Economic growth (Cobb-Douglas production function, Neoclassical model)
- 11. Macroeconomic controversy (Divergence between New Keynesians, New classical, and Real Business Cycle schools of thought)

| Modes of instruction and acquiring knowledge (mark in bold) |                        |           |                  |                         |  |  |
|---|------------------------|-----------|------------------|-------------------------|--|--|
| Lectures  | Seminars and workshops | Exercises | Individual tasks | Multimedia and internet |  |  |

<sup>1</sup> Mark with "X"

| Distance learning Counseling | Laboratory | Tutorial | Fieldwork |
|------------------------------|------------|----------|-----------|
|------------------------------|------------|----------|-----------|

### Student requirements

Students have to participate actively to the lectures, exercises and work on an individual basis.

### Assessment and evaluation of students (mark in bold)

|              | Attendance | Class participation   | Seminar paper | Experimental work |  |
|--------------|------------|-----------------------|---------------|-------------------|--|
| Written exam |            | Oral exam             | Essay         | Research          |  |
|              | Project    | Continuous assessment | Report        | Practical work    |  |

Assessment breakdown within the European credit transfer system

| REQUIREMENTS                       | HOURS (estimation) | LEARNING<br>OUTCOMES | SHARE IN<br>ECTS | SHARE IN<br>GRADE |
|------------------------------------|--------------------|----------------------|------------------|-------------------|
| Class attendance and participation | 60                 |                      | 36%              | 0%                |
| Tests                              | 30                 |                      | 18%              | 20%               |
| Seminar                            | 38                 |                      | 23%              | 30%               |
| Written exam                       | 40                 |                      | 24%              | 50%               |

According to the *Code of evaluation* the final grade is obtained as follows:

A = 90 - 100% 5 (excellent) B = 80 - 89,9% 4 (very good) C = 70 - 79,9% 3 (good) D = 50 - 69,9% 2 (sufficient)

### Bibliography

## Mandatory bibliography

1. Dornbusch, R., S. Fischer, R. Startz, Macroeconomics, Thirteenth ed., McGraw Hill, NY, 2017.

## Additional bibliography

- 1. Blanchard, O., Macroeconomics, Seventh edition, Pearson, 2016.
- 2. Blanchard, O., S.Fisher, Lectures in Macroeconomics; MIT Press Sixth edition, 1989.

## Additional information on the course