

ECONOMICS I

Degree(s)	: Economics; Management; Finance; Mathematics Applied to Economics and Management
Type	: Compulsory course unit
Curricular year/semester	: 1st year - 1st Semester / 2nd Semester
ECTS / hours per week	: 6 ECTS / 4.0 Hours
Workload per week	: 2 Theoretical x 1 Hour + 1 Practical x 2 Hours
Teacher responsible	: Professor Francisco José Duarte Nunes

OBJECTIVES

- To understand the basic concepts and principles of Microeconomics.
- To understand how economists reason when confronted with economic problems.
- To learn how to apply the concepts, principles, and the basic concepts of microeconomic analysis.

PROGRAM

PART 1: What is Economics?

1. First principles
2. Economic models: trade-offs and trade

PART 2: Supply and Demand

3. Supply and demand
4. Consumer surplus and producer surplus
5. Price controls and quotas: meddling with markets

6. Elasticity
7. Taxes

PART 3: The Consumer

8. The rational consumer
9. Consumer preferences and consumer choice

PART 4: The Producer

10. Behind the supply curve: inputs and costs
11. Perfect competition and the supply curve

PART 5: Market Structure: Beyond Perfect Competition

12. Monopoly
13. Oligopoly
14. Monopolistic competition and product differentiation

PART 6: Other Market Failures

15. Externalities
16. Public Goods

The 16 topics above correspond sequentially to chapters 1 to 7 and 10 to 17 of the textbook Microeconomics by Krugman and Wells, 3rd edition, 2012. Topics 8 and 9 are in chapter 10.

BIBLIOGRAPHY

Recommended Bibliography:

- Krugman, Paul, and Robin Wells, Microeconomics, 3rd edition, Worth Publishers, New York, 2012