Course guide
240723 - 240723 - Introduction to Economics

Unit in charge: Barcelona School of Industrial Engineering
Teaching unit: 1039 - UPF - Universitat Pompeu Fabra.

Degree: BACHELOR’S DEGREE IN INDUSTRIAL TECHNOLOGIES AND ECONOMIC ANALYSIS (Syllabus 2018). (Compulsory subject).

Academic year: 2022  ECTS Credits: 6.0  Languages: English

LECTURER

Coordinating lecturer: Daniel Sánchez Moscona
Others: Daniel Sánchez Moscona
Blanca Zapater

TEACHING METHODOLOGY

LEARNING OBJECTIVES OF THE SUBJECT

Students will get an insight into the classical problems in both Micro and Macroeconomics.

They will learn how economists use empirical evidence to build theoretical models.

They will learn how such models are a useful tool to approach complex problems in an organized and rigorous manner.

STUDY LOAD

<table>
<thead>
<tr>
<th>Type</th>
<th>Hours</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self study</td>
<td>102,0</td>
<td>68.00</td>
</tr>
<tr>
<td>Guided activities</td>
<td>9,0</td>
<td>6.00</td>
</tr>
<tr>
<td>Hours large group</td>
<td>30,0</td>
<td>20.00</td>
</tr>
<tr>
<td>Hours medium group</td>
<td>9,0</td>
<td>6.00</td>
</tr>
</tbody>
</table>

Total learning time: 150 h

CONTENTS

The Economy

Description:
The economy as a whole. Introduction to the economics discipline.

Full-or-part-time: 2h
Theory classes: 2h
**Individual decision-making**

**Description:**
Individual decision-making in a context of scarcity.

**Full-or-part-time:** 5h
- Theory classes: 3h
- Practical classes: 1h
- Guided activities: 1h

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**Economic Relationships and Interactions.**

**Description:**
Strategic Interactions, Social Preferences, Altruism, Public Goods, Cooperation, and Fairness [TE] Unit 4

Institutions and Pareto Efficiency [TE] Unit 5

Employment Relationships [TE] Unit 6

**Full-or-part-time:** 18h
- Theory classes: 10h
- Practical classes: 4h
- Guided activities: 4h

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**Markets**

**Description:**
The Firm [TE] Unit 7

Supply and Demand [TE] Unit 8

The Labor Market [TE] Unit 9

Market Efficiency and Public Policy [TE] Unit 12

**Full-or-part-time:** 14h
- Theory classes: 10h
- Practical classes: 2h
- Guided activities: 2h
The aggregate economy

**Description:**
Economic Fluctuations and Aggregate Demand [TE] Unit 13
Fiscal Policy and Unemployment [TE] Unit 14
Monetary Policy, Unemployment and Inflation [TE] Unit 15

**Full-or-part-time:** 9h
Theory classes: 5h
Practical classes: 2h
Guided activities: 2h

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**GRADING SYSTEM**

Final Exam 50%
Empirical Project 20%
Assignments 20%
Participation 10%

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**BIBLIOGRAPHY**

**Basic:**