## 2019/2020

### COURSES LECTURED IN ENGLISH

#### Second Cycle (Mestrado)

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<tr>
<th>Course unit</th>
<th>CODE</th>
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<th>semester</th>
<th>ECTS</th>
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<td>Decision Analysis</td>
<td>02638826</td>
<td>GES/Management</td>
<td>1</td>
<td>6</td>
<td>ONE class lectured in English</td>
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<tr>
<td>Development Macroeconomics</td>
<td>02639573</td>
<td>ECO/Economics</td>
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<tr>
<td>E-commerce</td>
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<tr>
<td>Economic Growth</td>
<td>02639562</td>
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<tr>
<td>Economics of Institutions and Financial Systems</td>
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<td>Financial and Risk Economics</td>
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<td>Intermediate Microeconomics</td>
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<td>Intermediate Econometrics</td>
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<td>Issues on Sociology of Politics and Democracy</td>
<td>02020684</td>
<td>SOC/Sociology</td>
<td>1</td>
<td>7.5</td>
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<tr>
<td>Logistics</td>
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<td>GES/Management</td>
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<td>Services Marketing</td>
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<td>Utilities Management</td>
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<td>Critical Intercultural Dialogue (B-Learning)</td>
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<td>SOC/Sociology</td>
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<td>Cultural Sustainability (B-Learning)</td>
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<td>SOC/Sociology</td>
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<td>Leadership and Motivation</td>
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<td>GES/Management</td>
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**NB:** Students registered at the 2nd cycle studies at their home university will have priority in attending 2nd cycle courses from FEUC.
Decision Analysis (one class lectured in English language)

Code: 02638826
Scientific Area: Management
ECTS: 6.0
Duration: First Semester
Recommended Prerequisites: NA

Syllabus:
Three recurring themes in decision processes are addressed: to deal with uncertainty, to aggregate multiple evaluation criteria, and to determine a collective preference form individual preferences:

1. Introduction to the course and the theme of decision analysis

2. Decision under uncertainty
   2.1. Heuristics and biases
   2.2. Simple decision rules and expected value criterion
   2.3. Decision trees and influence diagrams
   2.4. Expected value of information
   2.5. Expected utility theory

3. Multicriteria evaluation
   3.1. Structuring: actors, actions, points of view, criteria, scales and problem types
   3.2. How decisions are made: a few simple methods
   3.3. Additive multiattribute value/utility functions
   3.4. ELECTRE methods
   3.5. Other methods

4. Group decision
   4.1. Social choice: simple voting, multiple voting, ordinal voting
   4.2. Social choice: theoretical results
4.3. Decisions without voting.

**Development Macroeconomics**

*Code: 02639573*

*Scientific Area: Economics*

*ECTS: 6.0*

*Duration: First Semester*

**Recommended Prerequisites:** Macroeconomics I; Macroeconomics II; Economic Policy and English Language skills

**Syllabus:**

1. Importance of short-term macroeconomic performance for economic growth and main macroeconomic characteristics of developing economies

2. Fundamental macroeconomic model of a developing economy

3. Public finance and macroeconomic performance

4. Financial system and macroeconomic performance

5. Foreign exchange rate policy

6. Seminars

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**E-commerce**

*Code: 01661079*

*Scientific Area: Management*

*ECTS: 6.0*

*Duration: First Semester*

**Recommended Prerequisites:** NA

**Syllabus:**
This is an ecommerce and eBusiness course unit, including:

- Introduction to eBusiness and eCommerce
- Electronic Markets and eCommerce Fundamentals
- eBusiness infrastructure and fundamentals
- eBusiness environment: legal, ethical and fiscal challenges
- Technological concepts
- eBusiness Strategy and Applications.
- “Inner” applications (B2B)
- “Outer” applications (B2C)
- “Costumer directed” applications (C2C)
- Practical applications
- Design and Implementation concerns

**Economic Growth**

**Code:** 02639562  
**Scientific Area:** Economics  
**ECTS:** 6.0  
**Duration:** First Semester  
**Recommended Prerequisites:** Intermediate Macroeconomics; English knowledge.

**Syllabus:**

1 - Introduction  
1.1 The importance of economic growth  
1.2 Growth factors  
1.3 Empirical regularities

2 - Exogenous Growth  
2.1 Solow growth model  
2.2 Mankiw Romer e Weil growth model  
2.3 Ramsey Cass e Koopmans growth model
3 - Endogenous Growth
3.1 Ideas
3.2 The first-generation growth models
3.3 The second-generation growth models

4 - Growth with technological diffusion
4.1 Technological convergence mechanism
4.2 Growth model with technological diffusion
4.3 Channels of international diffusion and domestic absorptive capacity

5 - Empirical analysis of economic growth
5.1 Beta convergence regressions
5.2 Ad-hoc growth regressions
5.3 Growth accounting and growth accounting regression.

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**Economics of Institutions and Financial Systems**

**Code:** 02639516  
**Scientific Area:** Economics  
**ECTS:** 6.0  
**Duration:** First Semester  
**Recommended Prerequisites:** Economics of Money and Finance, Microeconomics I and II, Macroeconomics I and II

**Syllabus:**
1. Financial intermediation
2. Asymmetric information and credit rationing
3. Individual risk and systemic risk in the banking system
4. Bank regulation and supervision. The Basel Accords
5. Financial crisis
**Financial and Risk Economics**

**Code:** 01639509  
**Scientific Area:** Economics  
**ECTS:** 6.0  
**Duration:** First Semester  
**Recommended Prerequisites:** Economics of Money and Finance and Statistics.

**Syllabus:**
1. Principles of financial decision  
2. The mean variance portfolio theory  
3. Models of equilibrium in the capital markets  
4. Efficient markets  
5. Interest rate theory and bond pricing models  
6. Interest rate risk and the management of bond portfolios  
7. Financial futures  
8. Negotiable financial options.

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**Industrial Economics**

**Code:** 02639527  
**Scientific Area:** Economics  
**ECTS:** 6.0  
**Duration:** First Semester  
**Recommended Prerequisites:** NA

**Syllabus:**
1. Oligopoly theory;  
2. Strategic behavior: investment in entry deterrence;  
3. Tacit collusion (dynamic oligopoly theory);  
4. Identifying and measuring market power;  
5. Product differentiation
**Intermediate Macroeconomics**  
**Code:** 02639403  
**Scientific Area:** Economics  
**ECTS:** 6.0  
**Duration:** First Semester  
**Recommended Prerequisites:** Macroeconomics, mathematics and econometrics at the level of a BA in economics and English at the independent user level in reading.

**Syllabus:**  
1. Some facts about unemployment  
2. Efficiency wages and unemployment  
3. Trade unions and unemployment  
4. Some facts about business cycles  
5. Investment and asset prices.  
7. Monetary policy and aggregate demand  
8. Inflation, unemployment and aggregate supply  
9. Explaining business cycles  
10. Stabilization policy

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**Intermediate Microeconomics**  
**Code:** 02639414  
**Scientific Area:** Economics  
**ECTS:** 6.0  
**Duration:** First Semester  
**Recommended Prerequisites:** Solid knowledge of microeconomic analysis, mathematical analysis and econometric methods is highly advisable.

**Syllabus:**  
1. Basic notions of mathematical economics  
2. Consumer choice
3. The theory of the firm
4. Technical efficiency
5. General equilibrium analysis
6. Game theory

**Intermediate Econometrics**

*Code: 02639403*

*Scientific Area: Economics*

*ECTS: 6.0*

*Duration: First Semester*

**Recommended Prerequisites:** The students should be familiar with basic economic, statistical and econometric concepts, as well as with linear algebra, differentiation, integration and optimization. Ability to use computer software will be helpful.

**Syllabus:**

1. The linear regression model
2. Panel data
3. Instrumental variables
4. GMM estimation
5. ML estimation
6. Discrete choice models
7. Truncated and censored variables, duration and count data models
8. Time series and autocorrelation
9. ARMA models
10. VAR models
11. Non-stationary processes
Issues on Sociology of Politics and Democracy

Code: 02020684
Scientific Area: Sociology
ECTS: 7.5
Duration: First Semester
Recommended Prerequisites: NA

Syllabus:
The seminar proposes an introduction to the main theoretical currents, lines of inquiry and debates that concern the following themes:
1. Engendering Democracy
2. Democracy and Human Rights and Interventionism: trends and debates
3. Racism and antiracism in European and Latin American contexts
4. Theories of Democracy in Context of Crisis

Logistics (one class lectured in English language)

Code: 02638852
Scientific Area: Management
ECTS: 6.0
Duration: First Semester
Recommended Prerequisites: NA

Syllabus:
The concept of logistics and its relationship with other organizational activities. Inventory control and management: deterministic models and other models incorporating uncertainty on the demand and the lead-time. Planning and management of transportation systems: characteristics of the transportation services; vehicle routing models; minimum cost flow and maximum flow models. Location problems: planar, discrete and dynamic location.
Services Marketing
Code: 01661085
Scientific Area: Management
ECTS: 6.0
Duration: First Semester
Recommended Prerequisites: NA

Syllabus:
Part I: Introduction to services and the gaps model of service quality

Part II: Focus on the customer: consumer behavior in services, expectations, satisfaction and service quality

Part III: Understanding customer requirements in services: customer research in services, retaining customers, complaint behavior and complaint management

Part IV: Developing services: blueprinting, service standards, and physical evidence

Part V: Service delivery: managing employees, customers, and demand and capacity

Utilities Management
Code: 02638962
Scientific Area: Management
ECTS: 6.0
Duration: First Semester
Recommended Prerequisites: Introduction to Management; Introduction to Economics
Syllabus:

Critical Intercultural Dialogue (B-Learning)

Code: 02036741
Scientific Area: Sociology
ECTS: 7.5
Duration: Second Semester
Recommended Prerequisites: NA

Syllabus:
This course addresses the study of intercultural dialogue from a critical and postcolonial perspective and with a participatory approach. It focuses on the contextualized understanding of cultures and on the relationship between cultures in different socio-political contexts combining theoretical approaches with empirical analyses of cultural and artistic objects as well as action-research practices.

The content is divided in three main components:
• Discussion of conceptual and linguistic complexities in the field of intercultural dialogue and of “intercultural responsibility”;
• Understanding of intercultural citizenship through the analysis of action-research models of academic engagement with artistic projects;
• Elaboration on the postcolonial intercultural perceptions of heritage as a contact zone between cultures and worldview.

Students are invited to analyze case studies of their interest in order to produce relevant and compelling micro-research activities.

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**Cultural Sustainability (B-Learning)**

**Code:** 02031515  
**Scientific Area:** Sociology  
**ECTS:** 7.5  
**Duration:** Second Semester  
**Recommended Prerequisites:** English-language communication skills (verbal and writing)

**Syllabus:**

This course examines the interrelated dimensions of sustainability and the concept of sustainable development from the perspective of culture. It brings together lecturers and students from various backgrounds in interdisciplinary discussions about how culture, power and ecology interact in human-environment relations. The course critically investigates the challenges of achieving culturally sensitive sustainability at local, regional and global scales and the role of cultural policy. The course highlights conceptual issues surrounding the relationship between cultural sustainability and cultural policy. It also engages students in practical case studies, e.g., studies associated with conducting urban planning, rural development, etc.
Labour Economics

Code: 02018374

Scientific Area: Economics

ECTS: 6.0

Duration: Second Semester

Recommended Prerequisites: English language and microeconomic theory (1st cycle)

Syllabus:
The course covers some 9 chapters in the required text (Ronald G. Ehrenberg and Robert S. Smith, Modern Labor Economics).

The main body of the material will cover labor demand and supply, monopsony, minimum wages, labor as a quasi-fixed factor, hiring and training investments by the firm, internal labor markets compensating wage differentials, investments in human capital, signaling, payment systems, contract theory, the wage-tenure profile, the economic impact of unions, and unemployment.

Selected topics:
Leadership and Motivation

Code: 02661187
Scientific Area: Management
ECTS: 6.0
Duration: Second Semester
Recommended Prerequisites: NA

Syllabus:

Leadership
1.1 Paradigms of: Traditional Leadership, Charismatic Leadership, Intuitive Leadership
1.2 Bureaucracy and Management: Weberian Bureaucracy, Fordist Bureaucracy
1.3 Post Fordism: Informal Leadership, Operational Leadership
1.4 Leadership and Learning: Tacit Knowledge and Implicit Learning, Learning from Life Experience, Learning from Work Experience
1.5 Levels and Processes of Leadership: Top-Down, Base and Middle-Up

Motivation
2.1. Theories of Motivation and Well Being at Work
2.2. Instrumental Motivation: Pay and Promotion, Profit Sharing
2.3 Motivation and Sanctions: Performance Appraisal, Short Term Contracts, The Sanction to Dismiss, Lifetime Employment in Question
2.4 Psychological Contract: Cultural Factors, Changing Environment, Employee Commitment/Engagement
2.5 Theories of Mutual Advantage: Job Enhancement and Variation, Job Redesign and Redesignation, Skills Path Planning, Work-Life Balance