INSTITUTO POLITÉCNICO DE BRAGANÇA

Course Unit	An Introduction to Social Sciences (Economics & Sociology)			Field of study	Entrepreneurship and Social Sciences								
Bachelor in	Agronomic Engineering			School	School of Agriculture								
Academic Year	2022/2023	Year of study	2	Level	1-2	ECTS credits	6.0						
Type	Semestral	Semester	2	Code	9086-307-2202-00-22								
Workload (hours)	162	Contact hours	T -	TP -	PL 30	TC -	S -	E -	OT 20	O -			

T - Lectures; TP - Lectures and problem-solving; PL - Problem-solving, project or laboratory; TC - Fieldwork; S - Seminar; E - Placement; OT - Tutorial; O - Other

Name(s) of lecturer(s): Paula Sofia Alves do Cabo, Sílvia Freitas Moreira Nobre

Learning outcomes and competences

At the end of the course unit the learner is expected to be able to:
1. do an initial approach to the Social Sciences.
2. use the fundamental tools in the student's formation (namely the manipulation and use of statistical data and buiding of survey questionnaires and interviews conducting).
3. reflect upon Labour Sociology.
4. know the economics principles and to get a vision of the economic issues at the individual firm level and aggregate level.
5. understand the operation complexity of the economic systems.
6. explain and to show the interdependence between countries and the benefits of the external trade.
7. use the economics main tools: graphs and tables interpretation, problems resolution with mathematical language application, models results analysis, among others.

Prerequisites

Before the course unit the learner is expected to be able to:
Not necessary

Course contents

Sociology Module 1. Global perspective of the Social Sciences 2. Methods and Techniques in Social Sciences 3. Labour Sociology Economics Module 1. Introduction to the Concepts. 2. General introduction to the economic problems. 3. Tools of the economic organization. 4. The economic circuit and the National Accounting. 5. Supply and Demand. 6. Theory of the firms.

Course contents (extended version)

1. A global vision on the social sciences
   - The object of the Social sciences: the study of the Human Societies
   - Social sciences and Social Facts
   - Social unit and plurality of the Social sciences
   - Field of action of the Sociology
2. Methods and techniques in social sciences
   - Techniques of Documental sources
   - Alive techniques (Interview, Survey, Participant observation)
3. Sociology of the Work
   - Work and economy
   - Work division
   - Unemployment
   - Construction of the Professional Identity
4. Introduction to economical concepts
   - Some economy definitions. The economy as science. The object of the economy
   - The economical laws: conception and nature
   - Descriptive economy, economical theory and economical policy
5. General introduction to the economical problems
   - The scarcity of resources and the unlimited needs
   - The basic economical problems. What, when and how to produce
   - The production alternatives and the full use of the resources
   - The technological possibilities of the society
6. Instruments of the economical organization 3. 1 - . 3. 2 - 3. 3 -. 3. 4 - . Chapter 4:
   - The coin and their functions
   - Inflation: definition, levels, causes and consequences.
   - Values at current/constant prices
   - price index and number index
7. The economiacl circuit and the national accounting
   - The economical circuit in an closed/open economy
   - What is the national accounting?
   - National product: introduction to the concept.
8. Supply and demand
   - Supply and demand analysis
   - Price and equilibrium quantity
   - Supply/demand excess
   - Study of the supply and demand curves
   - Supply and demand determinants
   - Market demand: aggregation of the demand individual curves.
9. Theory of the firm
   - The function of Production
   - The function Costs

Recommended reading

1. Grawitz, M. (2000). Méthodes en Sciences Sociales. (11ª éd.). Dalloz-Sirey.
2. Morgado, A. J. , & Ferreira, P. (2021). Princípios de Microeconomia (2ª ed.). Rei dos Livros.
3. Morgado, A. J. , & Ferreira, P. (2021). Exercícios de Microeconomia (2ª ed.). Rei dos Livros.
4. Samuelson, P. , & Nordhaus, W. (2011). Economia (19ª ed.). McGraw-Hill.
5. Silva, A. , & Pinto, J. (org.). (2019). Metodologia das Ciências Sociais. Biblioteca das Ciências e do Homem. Edições Afrontamento.

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Teaching and learning methods

Sociology: - Research, handling and interpretation of statistical data - Interview technics - Questionnaires building Economy: - Discussion. - Group work. - Texts analysis. - Problems and applications resolution.

Assessment methods

1. Alternative 1 - (Regular, Student Worker) (Final, Supplementary, Special)
   - Final Written Exam - 38% (Sociology)
   - Practical Work - 12% (Sociology)
   - Practical Work - 25% (Economy)
   - Final Written Exam - 25% (Economy)
2. Alternative 2 - (Regular, Student Worker) (Final, Supplementary, Special)
   - Final Written Exam - 38% (Sociology)
   - Practical Work - 12% (Sociology)
   - Development Topics - 50% (Economy)

Language of instruction

Portuguese, with additional English support for foreign students.

Electronic validation

Paula Sofia Alves do Cabo, Sílvia Freitas Moreira Nobre	António José Gonçalves Fernandes	Albino António Bento	Paula Sofia Alves do Cabo
09-12-2022	09-12-2022	20-12-2022	31-12-2022

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