

Course Unit	Collaborative Work and International Relations		Field of study	Business Sciences	
Master in	Product and Process Innovation - Chemical and Biological Technologies		School	School of Technology and Management	
Academic Year	2023/2024	Year of study	1	Level	2-1
Type	Semestral	Semester	1	ECTS credits	10.0
Code	5057-682-1103-00-23				
Workload (hours)	270	Contact hours	T -	TP -	PL -
			TC -	S -	E -
			OT -	O	75

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) José Carlos Lopes, Ana Isabel Pinheiro Nunes Pereira, Paulo Jorge Aragao Guimaraes, Vera Alexandra Ferro Lebres

### Learning outcomes and competences

At the end of the course unit the learner is expected to be able to:

1. To develop motivational strategies to promote teamwork and resolve potential conflicts arising from it.
2. To get acquainted with the structure and activity sectors of the international organization/institutions that influence political, economic, social, technological and legislative decisions globally.
3. To know and use both online and offline tools that promote the dynamics of collaborative work.
4. To understand the foundation and procedures that allow the development and planning of the internationalization processes of a company.
5. To contextualize the innovation policies within the economic, technological and legislative sectors and understanding their impact on the research and development of products.

### Prerequisites

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

### Course contents

1. Tools and strategies for collaborative work 2. Challenges in the context of international relations 3. Global international institutions 4. Processes of business internationalization.

### Course contents (extended version)

1. Tools and strategies for collaborative work
  - Cooperative and collaborative work/learning
  - Modalities of collaborative work. Collaborative teams
  - Collaborative work in contexts of innovation and entrepreneurship
  - Tools for collaborative work
2. Challenges in a context of international relations
  - Development, economic growth and financial crises
  - Armed conflicts, (cyber)terrorism and refugees
  - Demography, job market and human development
  - Environment, sustainability and energy
  - The New Economic World Order
3. Global international institutions
  - The United Nations
  - World Bank. International Monetary Fund
  - World Trade Organization
  - Other global organizations with more limited objectives
4. Processes of business internationalization
  - International trade theories
  - Advantages and risks of international processes
  - Implementation of international contracts
  - E-commerce

### Recommended reading

1. Brem, A., & Viardot, E. (2017). Revolution of Innovation Management. Volume 2: Internationalization and Business Models. Palgrave Macmillan UK.
2. Jackson, R., & Sørensen, G. (2019). Introduction to International Relations: Theories and Approaches (7th ed.). Oxford University Press.
3. Mingst, K. A., McKibben, H. E., & Arreguin-Toft, I. M. (2018). Essentials of International Relations (8th ed.). WW Norton & Company.
4. Morgan, G. (1997). Imagination: New Mindsets for Seeing, Organizing, and Managing. Berrett-Koehler Publishers, Inc.
5. Van Eijl, P. J., Pilot, A., & De Voogd, P. (2005). Effects of collaborative and individual learning in a blended learning environment. Education and Information Technologies, 10(1-2), 51-65.

### Teaching and learning methods

Cooperative work among students, with research oriented on the subjects under study. "Practice-based learning" strategies will be adopted, in particular by carrying out intellectual property, market and R&D strategies needed for the implementation of new products and processes in the area of ICE technologies. Visits to the IPB research centers will be promoted.

### Assessment methods

- Continuous Assessment - (Regular, Student Worker) (Final, Supplementary, Special)
  - Practical Work - 30% (Practical work related with the main contents of the curricular unit.)
  - Projects - 30% (Preparing projects and formalizing applications.)
  - Development Topics - 40% (Team working sessions with a discussion of topics on the development and management of the company.)

### Language of instruction

1. Portuguese
2. English

Electronic validation		
José Carlos Lopes	Joaquim Agostinho Mendes Leite	José Carlos Rufino Amaro
11-10-2023	11-10-2023	20-10-2023

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