

9076 – Data Visualization

Competences

BASIC COMPETENCES

- To possess and understand the knowledge that provides a basis or opportunity to be original in the development and/or application of ideas, usually in a research context.
- That students know how to apply the knowledge they acquire, and have the capacity to solve problems in new or little-known (multidisciplinary) environments beyond their area of study.
- That students are capable of integrating knowledge and tackle the complexity of formulating judgments from incomplete information that include reasoning about social and ethical responsibility related to the application of their knowledge.
- That students know how to communicate to specialists and non-specialists in a clear and unambiguous manner their conclusions, and the knowledge and reasoning, which support them.
- That students possess the learning skills that enable them to pursue self-directed or autonomous learning.

GENERAL COMPETENCES

- Appreciate and promote other cultures, customs and ways of thinking.
- Express motivation and concern for global and transnational challenges: protection of the environment, assistance in humanitarian emergencies, development of the most disadvantaged societies, etc.
- Demonstrate personal initiative, and the ability to lead and adapt to new challenges.
- Discuss about international policies critically based on the available empirical evidence and current theoretical debates.
- Demonstrate organizational and planning capacity to study complex issues, developing self-learning formulas.
- Articulate the knowledge and tools necessary to test research hypotheses.

TRANSVERSAL COMPETENCES

- Develop the ability to work in an international context, with recognition and appreciation of diversity and multiculturalism.
- Acquire and consolidate the ability to work in a team and in coordination to develop a specific task, actively participating in team discussions and reflection and promoting interaction within the team.
- Recognize and dominate the qualitative and quantitative techniques and tools of academic research and information management (finding sources of information, assessing and selecting them).

SPECIFIC COMPETENCES

- Analyse critically and independently international relations, international development, international security and global governance from an integrated and multidisciplinary approach.
- Design specialised information searches on topics related to international studies and systematise the results obtained according to the standards of academic-scientific study.
- Reflect independently and make decisions regarding the resolution of the specific problems and challenges of today's international relations in an increasingly complex and interconnected world.
- Master and apply knowledge about the actors, dynamics, processes and factors that interact in national and international decision-making, the daily practice of governments, non-governmental organisations, governmental organisations, companies, as well as the tools used for the implementation thereof.
- Design and write texts commonly used in the framework of contemporary international relations (reports, memoranda of foreign policy, resolutions, dispositions, agreements, etc.) of academic-scientific quality, taking into account both content and formal aspects.
- Identify and recognise issues on the most relevant problems and challenges of international relations and, in turn, specialise in a more specific material field of international relations: international security and conflict resolution; international governance and globalisation; political economy and development.

Learning outcomes

- Identify the main authors, approaches and ideas in the study of international relations, as well as their debates and explanatory limits.
- Identify the main sources of bibliographic information on issues related to international studies, including specialized periodicals and primary source collections.
- Master Economic Policy from a comparative and international point of view.
- Identify the theories of governance and their application in a global environment, both state and non-state actors.
- Identify policy research belonging to particular geographical regions, national or cultural, and their regional cooperation institutions.
- Master the most relevant themes of current debates on the management and provision of the environment and sustainability.
- Master the most relevant issues of current debates on peacekeeping, security and the greatest risks and threats.
- Use social analysis techniques to evaluate public policies with a strong international dimension.
- Interpret and describe the results of statistical analysis.
- Master the statistical software to implement the techniques studied.
- Understand and apply various research methodologies in social sciences to the study of problems and dynamics of the international area.
- Develop policy recommendations on the most relevant international policy issues and challenges at the selected national and regional levels.
- Monitor international politics and its political processes.
- Learn about regional and inter-regional institutions.
- Identify the political processes involved in sectoral public policies at the international level.
- Understand the historical context of international relations and international security.
- Identify the foundations of political theory and international justice.
- Compare international organisations and their decision-making processes.

- Identify theories of governance and their implementation in a global environment.

Teaching activities

Type of activity
Master classes
Seminars
Practical training and exercises
Individual work
Group work
Self-study
Group tutorials
Individual tutorials
Simulations