

Academic Year: (2024 / 2025)

Review date: 25-04-2024

Department assigned to the subject: Social Sciences Department

Coordinating teacher: PORTOS GARCÍA, MARTÍN

Type: Electives ECTS Credits : 6.0

Year : Semester :

OBJECTIVES

In this course, students will acquire the following general skills:

- to analyze critically
- to work in teams
- to think globally

In this course, students will acquire the following specific skills:

- to analyze new technologies and their importance for world order and global dynamics
- to identify problems related to new technologies; assess projects and programs that use them
- to propose public policies to regulate the use of new technologies and their role in the international sphere

DESCRIPTION OF CONTENTS: PROGRAMME

The contents of this course are approached from three different perspectives: A first approach to the historical, political, economic, social, and legal context, making an initial reflection on the change or effect that these technologies are presenting in the framework of governance, geopolitics, the new global order and the reaction of democracies to the new challenges they pose. A second approach will be based on the attitudes that the different political and social actors involved (governments, political parties, social movements, citizens, markets) have towards these new technologies, their risks and the rhetoric employed. A final approach will address the challenges and new methodologies that, thanks to the existence of these new technologies, have appeared in the evolution and new applications of computational sciences in the data science market and in the study of the Social Sciences.

LEARNING ACTIVITIES AND METHODOLOGY

THEORETICAL PRACTICAL CLASSES

Knowledge and concepts students must acquire. Student receive course notes and will have basic reference texts to facilitate following the classes and carrying out follow up work. Students partake in exercises to resolve practical problems and participate in workshops and an evaluation tests, all geared towards acquiring the necessary capabilities. Subjects with 6 ECTS are 44 hours as a general rule/ 100% classroom instruction.

TUTORING SESSIONS

Individualized attendance (individual tutoring) or in-group (group tutoring) for students with a teacher. Subjects with 6 credits have 4 hours of tutoring/ 100% on- site attendance.

STUDENT INDIVIDUAL WORK OR GROUP WORK

Subjects with 6 credits have 98 hours/0% on-site.

ASSESSMENT SYSTEM

% end-of-term-examination:	60
% of continuous assessment (assignments, laboratory, practicals...):	40

FINAL EXAM

Global assessment of knowledge, skills and capacities acquired throughout the course. It weighs 60% towards the final grade..

CONTINUOUS EVALUATION

Assesses papers, projects, class presentations, debates, exercises, internships and workshops throughout the course. It weighs 40% towards the final grade.

EXTRAORDINARY CALL

In the extraordinary call, a written in-class exam will take place. The assessment system will comply with rules of continuous assessment of the university: the continuous assessment grade shall be kept. If no continuous assessment was followed or the grade of the continuous assessment is lower than that of the exam, in the extraordinary call the exam can weight 100% towards the final grade of the student.

BASIC BIBLIOGRAPHY

- Bonini & Treré Algorithms of Resistance The Everyday Fight against Platform Power, MIT Press, 2024
- Castells The Rise of the Network Society, Wiley, 2010
- Felt, Fouché, Miller, Smith-Doerr The Handbook of Science and Technology Studies., MIT Press, 2016
- Giacomello, Moro, Valigi Technology and International Relations The New Frontier in Global Power, Edward Elgar Pub., 2021
- Hilpert Routledge Handbook of Politics and Technology, Routledge, 2016