Methods of geopolitical and strategic analysis

Academic Year: (2023 / 2024)   **Review date: 28-04-2023**

Department assigned to the subject: Social Sciences Department

Coordinating teacher: GUERRERO LOZANO, VANESA

Type: Compulsory ECTS Credits : 6.0

Year : 1 Semester : 1

OBJECTIVES

- Knowledge of the methods and techniques of analysis of social sciences in geopolitical and strategic matters.
- To analyze geopolitical and strategic issues.
- To select indicators and measures to evaluate geopolitical and strategic issues.
- To synthesize bibliographic material for presentation.
- To present information in graphic, written and oral form.

DESCRIPTION OF CONTENTS: PROGRAMME

1. Introduction to research methods in geopolitics

2. Quantitative methods
2.1. Descriptive Statistics. Introduction to statistical software R.
2.2. Data processing.
2.3. Linear regression and correlation.
2.4. Logistic regression.
2.7. Cluster analysis.

3. Qualitative methods
3.1. Introduction to qualitative research methods
3.2. Fieldwork & ethnographic methods
3.3. Conducting interviews & focus groups
3.4. Discourse & text analysis

4. Mixed methods

LEARNING ACTIVITIES AND METHODOLOGY

LEARNING ACTIVITIES:
- Theoretical and practical lessons using the statistical software R.
- Team work
- Individual work of the student

METHODOLOGY:
- Theoretical lessons, with support material available on the Web, to present and develop the main concepts of the course. Teachers will provide students with supplementary material.
- Critical reading of documents provided by the teachers: newspaper articles, reports, manuals and / or academic papers, either for later discussion in class, either to expand and consolidate the knowledge of the subject.
- Resolution of practical cases, problems, etc. proposed by the teacher individually or in groups.
- Preparation of projects individually or in group.

TUTORING SESSIONS: - Weekly individual tutoring sessions - Group tutorials might be possible

ASSESSMENT SYSTEM

100% of the assessment consists of in-class participation and individual and/or group projects carried out during the course.

For those students who do not follow the continuous assessment process, the grade in the

extraordinary call is obtained through an exam consisting of both theoretical questions and practical problems.

% end-of-term-examination:	0
% of continuous assessment (assigments, laboratory, practicals…):	100

BASIC BIBLIOGRAPHY

- Alan Agresti Statistical Methods for the Social Sciences, Pearson, 2018

- Arthur Stinchcombe Constructing Social Theories, University of Chicago Press, 1987

- David J. Bartholomew, Fiona Steele, Irini Moustaki and Jane I. Galbraith. Analysis of Multivariate Social Science Data, Chapman & Hall/CRC, 2008
- Devin, Guillaume Resources and Applied Methods in International Relations, Palgrave Macmillan, 2018

- Flint, Colin Introduction to geopolitics, Routledge, 2016

- Gareth James, Daniela Witten, Trevor Hastie and Robert Tibshirani An Introduction to Statistical Learning: with Applications in R, Springer, 2017
- Gary King, Robert Keohane and Sidney Verba Designing Social Inquiry, Princeton NJ: Princeton University Press,, 1994
- George, Alexander and Andrew Bennett Development in the Social Sciences, Cambridge, MA: MIT Press, 2005

- Hammersley, Martyn & Paul Atkinson Ethnography: Principles in Practice, New York: Routledge, 2007

- James E. Monogan Political Analysis Using R, Springer , 2015

- James Scott Domination and the Arts of Resistance: Hidden Transcripts, Domination and the Arts of Resistance: Hidden Transcripts, 1990
- Joseph F. Hair, William C. Black, Barry J. Babin and Rolph E. Anderson Multivariate Data Analysis : A Global Perspective, Pearson New International, 2013
- Klotz, Audie & Deepa Prakash Qualitative Methods in International Relations - A Pluralist Guide, Palgrave Macmillan, 2008
- Salganik Bit by Bit: Social Research in the Digital Age, Princeton University Press., 2017

- Taylor, Peter & Colin Flint Political Geography: World-Economy, Nation-State and Locality, Routledge, 2018