

Academic Year: (2022 / 2023)

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Department assigned to the subject: Humanities: History, Geography and Art Department

Coordinating teacher: UÑA RUANO, RAFAEL

Type: Electives ECTS Credits : 6.0

Year : Semester :

OBJECTIVES

CB1. That students have demonstrated to possess and understand knowledge in an area of study that starts from the base of general secondary education, and is usually found at a level that, although supported by advanced textbooks, also includes some aspects that imply knowledge from the cutting edge of your field of study

CB4. That students can transmit information, ideas, problems and solutions to both specialized and non-specialized audiences

CB5. That students have developed those learning skills necessary to undertake further studies with a high degree of autonomy

CG5. Being able to debate and formulate critical reasoning using precise terminology and specialized resources, on international and global phenomena, using both the concepts and knowledge of the different disciplines and the analysis methodologies, paradigms and concepts of the Social Sciences.

CG6. Being able to apply the scientific method to social, political and economic questions posed by globalized society as well as to pose a problem in this area, identifying a possible explanation or solution, and a method to contrast it by carefully interpreting the data.

CG7. Know how to make judgments that include an ethical reflection on fundamental social, scientific and economic issues in a representative context of past and present societies, both in the international and national or local order.

CE9. Know and understand the relevance of technological advances in their historical context to become agents of political, economic and social change.

CE16. Know how to carry out case studies and apply the comparative method to analyze institutions, processes and policies of different countries.

CT2. Being able to evaluate the reliability and quality of the information and its sources using said information ethically, avoiding plagiarism, and in accordance with the academic and professional conventions of the study area. Being able to organize, plan work and make judgments by making decisions based on said information.

RA2. Apply the knowledge acquired, the understanding of these and their capacities to solve complex and / or specialized problems in the professional field;

RA3. Have the ability to collect and interpret data and information on which to base their conclusions, including, when necessary and pertinent, reflection on matters of a social, scientific or ethical nature in the scope of their field of study;

RA4. Being able to cope in complex situations or that require the development of new solutions both in the academic, labor or professional fields within their field of study;

DESCRIPTION OF CONTENTS: PROGRAMME

PART 1 ¿ General study of Scientific and Cultural Policies

Topic 1- The problem of real Science

- a) What science really is?
- b) Problematic issues to understand true science
- c) Pseudoscience and the New Age counter-cultural movement
- d) Scientific post-truth

Topic 2- Scientific Policies, Cultural Policies and Health Policies

a) Power and its historical relation with Scientific Policies, Cultural Policies and Health Policies.

b) Scientific Policies, Cultural Policies and Health Policies as ¿Public Policies¿: General Theory of Public Policies; Public Scientific Policies, Public Cultural Policies and Public Health Policies.

PART II ¿History of Scientific, Health and Cultural Policies

Topic 3- Ancient Ages: Egypt, Mesopotamia, Canaanites, Persia, India, China; Greek World; Rome

Topic 4- Middle Ages: Byzantine empire; Sasanian Persian empire; Muslim and Arabic World; Christian Western Europe

Topic 5- The 16th and 17th centuries and the ¿Scientific Revolution¿: policies concerning culture, knowledge, science and health

Topic 6- The 18th Century and the Enlightenment: Enlightenment; policies concerning culture, knowledge, science and health; scientific expeditions

Topic 7- The 19th Century and Early 20th C.: Contemporary state; education and knowledge; science and public authorities; public health; scientific expeditions

Topic 8- WWI, Inter-War Period; WWII

Topic 9- The Cold War Period: Public Scientific Policies, Public Cultural Policies; Public Health Policies.

Topic 10- Global Age: globalization of science and culture; globalization's effects over public policies

LEARNING ACTIVITIES AND METHODOLOGY

AF1. THEORETICAL-PRACTICAL CLASSES. In them the knowledge that students must acquire will be presented. They will receive the class notes and will have basic reference texts to facilitate the follow-up of the classes and the development of the subsequent work. Exercises, practical problems will be solved by the student and workshops and evaluation tests will be carried out to acquire the necessary skills.

AF2. TUTORING. Individualized assistance (individual tutorials) or in groups (collective tutorials) to students by the teacher.

AF3. STUDENT INDIVIDUAL OR GROUP WORK.

MD1. THEORY CLASS. Lectures in the teacher's class with the support of computer and audiovisual media, in which the main concepts of the subject are developed and materials and bibliography are provided to complement the students' learning.

MD2. PRACTICES. Resolution of practical cases, problems, etc. raised by the teacher individually or in a group.

MD3. TUTORING. Individualized assistance (individual tutorials) or in groups (collective tutorials) to students by the teacher.

ASSESSMENT SYSTEM

% end-of-term-examination/test: 60

% of continuous assessment (assignments, laboratory, practicals...): 40

SE1. FINAL EXAM. In which the knowledge, skills and abilities acquired throughout the course will be assessed globally.

SE2. CONTINUOUS ASSESSMENT. In it, the work, presentations, performance in debates, lectures in class, exercises, practices and work in workshops throughout the course will be valued.

BASIC BIBLIOGRAPHY

- ALBORNOZ, M. y P. KREIMER, (comps.), (1990) Ciencia y tecnología: estrategias y políticas de largo plazo, Buenos Aires, CEA/Eudeba ., ..

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- GARCÍA CANCLINI, Néstor (2000), ¿Políticas culturales en tiempos de globalización?, Revista de estudios sociales, nº. 5, pp. 52-62 ., ..
- GONZÁLEZ, Mata I. y O. TODT (eds.), ¿Gobernanza de la ciencia y la tecnología?, Arbor, Ciencia, Pensamiento y Cultura, nº 715, pp. 287-300 ., ..
- KUHN, T. S. (1975) La estructura de las revoluciones científicas, México, Fondo de Cultura Económica ., ..
- MUÑOZ RUIZ, Emilio (1989), ¿La cooperación científica como instrumento de política científica: ideas y ejemplos?, Arbor: Ciencia, pensamiento y cultura, nº 526, pp. 13-32 ., ..
- MUÑOZ, E. (2007), ¿Espacios de conocimientos y su gestión: Procesos de gobernanza?, Revista Iberoamericana de Ciencia, Tecnología y Sociedad, vol.3, nº 8, pp. 159-172 ., ..
- SANZ, L. (1997) Estado, ciencia y tecnología en España: 1939-1997, Madrid, Alianza ., ..
- SEBASTIÁN, J. (coord.) (2008) ¿Dimensiones y dinámica de la transferencia de conocimiento?, Número monográfico de la Revista Arbor: Ciencia, Pensamiento y Cultura, nº 732 ., ..
- SÁNCHEZ RON, J. M. (1992), ¿La política científica desde una perspectiva histórica?, Política científica, nº 33, pp. 2-5 ., ..

ADDITIONAL BIBLIOGRAPHY

- Jonathan Lyons La Casa de la Sabiduría, Turner, 2010
- Jose Luis Beltran Moya Historia de las Epidemias en España y sus colonias (1348-1919), La Esfera de los libros, 2006
- Josep L. Barona, Joseph Bernabeu-Mestre La salud y el Estado. El movimiento sanitario internacional y la administración española, Universitat de Valencia, 2008
- Luis Laorden Jiménez Navegantes españoles en el Océano Pacífico, Luis Laorden Jiménez, 2014
- Marcos Jaen Sanchez La Biblioteca de Alejandria, Gredos, 2018
- Maria Teres Nava Rodriguez La educación en la Europa Moderna, Sintesis, 1992
- Olegario Negrin Fajardo; Javier Vergara-Ciordia Historia de la Educación , Dykinson, 2018
- Pedro Gargantilla Enfermedades que cambiaron la historia, La esfera de los libros, 2016
- Rene Taton Historia general de las ciencias, Orbis, 1988
- Sociedad Geográfica Española Atlas de los exploradores españoles, Sociedad Geográfica Española, 2009