



Universidad
**Católica de
Valencia**
San Vicente Mártir



Course Guide Methodological and Social
Aspects of Current Research
PHILOSOPHY DEGREE

COURSE GUIDE

METHODOLOGICAL AND SOCIAL

ASPECTS OF CURRENT RESEARCH

4TH YEAR

Course 2025-2026



COURSE GUIDE OF THE SUBJECT

		ECTS
COURSE NAME: METHODOLOGICAL AND SOCIAL ASPECTS OF CURRENT RESEARCH		6
Module: Philosophy of Science		12
Type of learning: COMPULSORY	COURSE: 4 th Semester: 1 st	
Professor: PhD. Sanmartín Cava, Luis Manuel PhD. Enrique Estellés Arolas	Departament: Philosophy	
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ORGANIZATION OF THE COURSE

METHODOLOGICAL AND SOCIAL ASPECTS OF CURRENT RESEARCH			N. ECTS 6	
Duration and temporary location within the study plan: It is part of the module "Philosophy of Science", which contains two scheduled subjects (one in the third year, Classical Problems in the Philosophy of Science in the 2nd semester and another in the fourth year Methodological and social aspects of current research in the 1st semester), which consists of 12 ECTS.				
Module and Subject				
Module	ECTS	ASIGNATURA	ECTS	Curso/ semestre



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Philosophy of Science	6	Methodological and Social Aspects of Current Research	6	4/1
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GENERAL COMPETENCIES	Classification of the competencies			
	1	2	3	4
6. Intradisciplinary and interdisciplinary teamwork.			X	
7. Ability to communicate with non-experts in the field.			X	
9. Ethical commitment.			X	
10. Ability to apply knowledge to practice.			X	
11. Ability to learn and to teach.			X	
12. Ability to adapt to new situations and to generate new ideas.			X	

SPECIFIC COMPETENCIES	Classification of the competencies			
	1	2	3	4
17. Being able to ask philosophical questions.			X	
18. Ability to relate different philosophical topics.			X	
21. Knowing some central paradigms of scientific thought.			X	
23. Writing philosophical essays, showing analytical and synthetic skills.			X	
24. To analyze and to question, critically and reasoned, the metaphysical conceptions related to the nature of reality and its implications.			X	



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25. Being able to understand and evaluate philosophical arguments.			X	
26. Being able to construct philosophical arguments.			X	
34. To know and to value scientific methodologies in their different aspects.			X	
35. Being able to interpret texts from different periods or cultural traditions, relating them to others from the same or different periods.			X	

LEARNING OUTCOMES	COMPETENCIES
RA1. Understanding the relationship of the philosophy of science to other parts of philosophy.	GC: 6, 9 SC: 17, 21, 23, 26
RA2. Recognizing the ways in which science, economics, politics, society, and religion can interact with each other.	GC: 7, 10, 11, 12 SC: 21, 24, 25, 26, 34, 35



TRAINING ACTIVITIES THROUGH SYNCHRONOUS COMMUNICATION			
ACTIVITY	TEACHING-LEARNING METHODOLOGY	Relation with the Learning Outcomes	ECTS ¹
VIRTUAL SESSION	Presentation of the content by the teacher, analysis of skills, explanation and demonstration of skills, abilities and knowledge in the virtual classroom.	GC: 7,9 SC: 17, 18, 25	0,7
PRACTICAL SESSION	Group work sessions through chat moderated by the teacher. Case studies, both true and fictitious, for the construction of knowledge through the interaction and activity of the student, critical analysis of values and social commitment.	GC: 6, 10, 11, 12 SC: 18, 23, 25, 26, 34	0,3
SEMINAR AND VIDEOCONFERENCE	Monographic sessions throughout the course, oriented to current aspects and applications of the subject.	GC: 11, 12 SC: 21, 24, 35	0,2
VIRTUAL EVALUATION	Set of written or oral tests, used in the initial, formative or summative evaluation of the student.	GC: 11 SC: 21, 23, 24, 25, 26	0,1
TOTAL			1,30

¹ The subject and/or matter is organized in **VIRTUAL TEACHING** and in AUTONOMOUS WORK OF THE STUDENT, with an estimated percentage in ECTS. An adequate distribution is as follows: **40% for TEACHING Training Activities (60 hours) and 60% for tutored Autonomous Work (90 hours) for a 6-credit subject.**



TRAINING ACTIVITIES THROUGH SYNCHRONOUS COMMUNICATION			
ACTIVITY	TEACHING-LEARNING METHODOLOGY	Relation with the Learning Outcomes	ECTS
INDIVIDUAL ACTIVITY	Preparation of the final evaluation: student study, individual preparation of readings, essays, problem solving, assignments, reports, etc. for discussion or delivery in electronic format.	GC: 9, 10, SC: 21, 23, 26	2,3
INDIVIDUAL TUTORSHIP	Individual attention for monitoring and guidance of the learning process, carried out by a tutor with the aim of reviewing and discussing the materials and topics, seminars, readings, carrying out assignments, etc.	GC: 11, 12 SC: 25, 26	0,1
CONTINUOUS ASSESSMENT ACTIVITIES	Individual work: group preparation of readings, essays, problem solving, seminars, papers, reports, etc. for discussion or submission. Discussion forums: participation and contributions to discussion forums related to the subject, moderated by the professor of the subject. Problem solving, comments, reports to deliver in installments throughout the course, making videos individually or cooperatively, answering questionnaires.	GC: 6, 11, 12 SC: 18, 23	2,3
TOTAL			4,70



ASSESSMENT SYSTEM FOR THE ACQUISITION OF COMPETENCIES AND GRADING SYSTEM		
Evaluation instrument	EVALUATED LEARNING OUTCOMES	Percentage awarded
Participation and assistance	LO1 & LO2	10%
Activities to deliver	LO1 & LO2	40%
Periodic evaluations through questionnaire	LO1 & LO2	10%
Final evaluation	LO1 & LO2	40%

Plagiarism and/or copying in an assessment evaluation instrument will result in a failure in the final call corresponding to that evaluation instrument. Generative artificial intelligence tools (such as ChatGPT, Gemini, Copilot, among others) can be useful as support for studying, searching for information, or clarifying concepts. However, their use must always be ethical, critical, and aligned with the principles of academic integrity. Within the framework of this course, the use of such tools is strictly prohibited for the writing, production, or co-authorship of assignments, text commentaries, as well as for answering multiple-choice quizzes or any other graded activities, as all submitted content must be the student's own original and personal work. Philosophy requires independent reflection, argumentative rigor, and intellectual responsibility—qualities that cannot be delegated to automated systems.

DESCRIPTION OF CONTENTS	COMPETENCIES
<ul style="list-style-type: none"> • Analysis of scientific practices, methodological proposals and implications in current scientific work. Research design: formulation of the problem, sampling decisions, data analysis and presentation. • The sociology of scientific knowledge. • Science Technology and Society. • Science, ethics and values. Science, economics and politics. Science and religion. 	<p>GC: 7, 10, 11, 12 SC: 21, 24, 25, 26</p> <p>GC: 6, 9 SC: 17, 21, 23, 26</p> <p>GC: 7, 10, 11, 12 SC: 26, 34, 35</p>



BIBLIOGRAPHY

- Dynamic text produced by prof. Luis Sanmartín and prof. Enrique Estellés.
- Ballesteros, J. (1995) Ecologismo personalista. Madrid: Tecnos.
- Bunge, M. (2012) La ciencia, su método, su filosofía. Buenos Aires: Laetoli.
- Diéguez, A. (2017) Transhumanismo. Barcelona: Herder.
- Foucault, M. (2003) Vigilar y castigar. Buenos Aires: Siglo XXI.
- García Palacios, E. M., et al. (2001) Ciencia, tecnología y sociedad: una aproximación conceptual. Madrid: OEI.
- Gutiérrez, R. & Sanmartín, J., eds., (2014) La filosofía desde la ciencia. México: Centro de Estudios Filosóficos, Políticos y Sociales Vicente Lombardo Toledano.
- Han, B-C. (2014) Psicopolítica: neoliberalismo y nuevas técnicas de poder. Madrid: Herder.
- Medina, M. & Sanmartín, J. (1990) Ciencia, tecnología y sociedad. Estudios interdisciplinarios en la Universidad, en la educación y en la gestión pública. Barcelona: Anthropos.
- Ortega y Gasset, J. (2015) Meditación de la técnica. Madrid: Biblioteca Nueva.
- Quintanilla, M. G. (2017) Tecnología: un enfoque filosófico y otros ensayos de filosofía de la tecnología. México DF: Fondo de Cultura Económica.
- Sanmartín, J. (1987) Los nuevos redentores. Barcelona: Anthropos.
- Sanmartín, J. (2017) Técnica y ser humano. México: Centro de Estudios Filosóficos, Políticos y Sociales Vicente Lombardo Toledano.

Complementary Bibliography:

- Chalmers, A. F. (1982) ¿Qué es esa cosa llamada ciencia? Madrid: Siglo XXI.
- Soliverz, C. (1992) Ciencia, Técnica y Sociedad. Buenos Aires: Flacso.
- Heidegger, M. (1958) "La pregunta por la técnica" Revista de filosofía 5.1, pp. 55-79.



TEMPORAL ORGANIZATION OF LEARNING:		
	BLOCK OF CONTENT/DIDACTIC UNIT	N. OF SESSIONS
Topic 1. Introduction	1.1. Understanding the program 1.2. Initial themes	1
Topic 2. The philosophy of technique and technology	2.1 Classical theories of scientific progress. 2.2 Philosophy of technique in Ortega y Gasset. 2.3 The role of technique in Ron and STS Studies. 2.4 The integral model of José Sanmartín.	4
Tema 3. Intervención tecnológica en el ser humano y en la naturaleza	3.1 The transhumanist current. Diéguez & Marcos around Human Nature. 3.2 Environmental sustainability, and the personalist ecologism of Jesus Ballesteros.	4
Tema 4. AI, social networks and digital technologies	4.1 Foucault, Biopolitics and Video Surveillance. 4.2 Byung-Chul Han, Psychopolitics and Big Data. 4.3 Harari & Han on pandemic management.	5