



ERASMUS+ INCOMING STUDENTS COURSE CATALOGUE

Department of Philosophy

General information		
Course instructor	Predrag Šustar, Ph.D.	
Name of the course	Philosophy of science	
Study programme	Graduate study programme in Philosophy	
Status of the course	Compulsory	
Year of study	1 st	
ECTS credits and manner of instruction	ECTS credits	6
	Number of class hours (Lectures + Exercises + Seminars)	30+0+30

1. COURSE DESCRIPTION

1.1. Course objectives

The course aims to a) familiarize students with the most important issues, works and authors in the philosophy of science; b) explain the relevance of science and scientific findings for philosophical issues, world image formation, and traditional anthropological questions; c) point out some specific philosophical issues pertaining to singular scientific fields.

1.2. Course enrolment requirements and entry competences required for the course

No requirements.

1.3. Expected course learning outcomes

- 1) improving the use of the philosophical approach to science, particularly natural sciences
- 2) enabling students to increase their knowledge of scientific practice, and gain a proper understanding of how significant scientific practice is for traditional philosophical issues
- 3) improving the quality of research studies (related to the process of writing a seminar paper) conducted by students
- 4) helping students to do research independently (in the form of an essay)
- 5) improving the quality of students' oral presentation (i.e. the presentation of the acquired knowledge, as well as the findings of students' research)

1.4. Course content

1. The scientific and the manifest image of the world
2. Advances in science
3. The incommensurability of theories
4. The rationality in science
5. Scientific explanation
6. The justification of induction

[Note: Course content might undergo some changes depending on students' interest in particular topics, authors or works.]

1.5. Manner of instruction

- ✓ Lectures
- ✓ Seminars and workshops
- ✓ Individual assignments
- ✓ Multimedia and network
- ✓ Mentorship
- ✓ Other: consultations